

IN THE SUPREME COURT OF THE STATE OF NEVADA

**DIGNITY HEALTH D/B/A ST. ROSE
DOMINICAN HOSPITAL – SIENA
CAMPUS,**

Petitioner,

v.

**THE EIGHT JUDICIAL DISTRICT
COURT OF THE STATE OF NEVADA *er*
rel. THE COUNTY OF CLARK, and THE
HONORABLE JUDGE MARIA GALL,**

Respondents,

And,

**LIVIU RADU CHISIU, as special
administrator for the Estate of ALINA
BADOI, and as parent of SOPHIA RELINA
CHISIU, a minor and heir of the Estate,**

Real Parties in Interest.

Supreme Court Case No.:

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**PETITIONER'S APPENDIX TO THE PETITION WRIT OF MANDAMUS
Vol. 1 of 5**

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Rose Dominican Hospital – Siena Campus*

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that I am an employee of HALL PRANGLE & SCHOONVELD, LLC; that on the 5th day of January 2023, I served a true and correct copy of the foregoing **PETITIONER'S APPENDIX (VOL. 1-5) TO THE PETITION FOR WRIT OF MANDAMUS** via USPS mail and/or E-Service Master List for the above referenced matter in the Nevada Supreme Court e-filing System in accordance with the electronic service requirements of Administrative Order 14-2 and the Nevada Electronic Filing and Conversion Rules, to the following:

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Judge Maria Gall
Department IX
Eighth Judicial District Court
200 Lewis Avenue
Las Vegas, NV 8915

/s/ Nicole Etienne

An employee of HALL PRANGLE & SCHOONVELD, LLC

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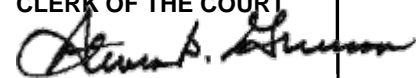
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DISTRICT COURT

CLARK COUNTY, NEVADA

LIVIU RADU CHISIU, as Special
Administrator of the ESTATE OF ALINA
BADOI, Deceased; LIVIU RADU CHISIU, as
Parent and Natural Guardian of SOPHIA
RELINA CHISIU, a minor, as Heir of the
ESTATE OF ALINA BADOI, Deceased;

Plaintiff,

vs.

DIGNITY HEALTH, a Foreign Non-Profit
Corporation d/b/a ST. ROSE DOMINICAN
HOSPITAL – SIENA CAMPUS; JOON
YOUNG KIM, M.D., an Individual; U.S.
ANESTHESIA PARTNERS, INC., a Foreign
Corporation; DOES I through X; and ROE
BUSINESS ENTITIES XI through XX,
inclusive,

Defendants.

A-18-775572-C

Case No.:

Dept. No.:

Department 17

**COMPLAINT
AND DEMAND FOR JURY TRIAL**

*Arbitration Exemption requested:
Medical Malpractice*

COMES NOW, Plaintiffs, LIVIU RADU CHISIU as Special Administrator of the
ESTATE OF ALINA BADOI, Deceased, and LIVIU RADU CHISIU, as Natural Parent and

Guardian of SOPHIA RELINA CHISIU, a minor, as Heir of the ESTATE OF ALINA BADOI, Deceased, by and through their attorneys, PETER S. CHRISTIANSEN, ESQ., R. TODD TERRY, ESQ., KENDELEE L. WORKS, ESQ., WHITNEY J. BARRETT, ESQ. and KEELY A. PERDUE, ESQ. of the law firm Christiansen Law Offices, and for their causes of action against the above-named Defendants, and each of them, allege as follows:

IDENTIFICATION OF THE PARTIES

1. At all times relevant hereto, Plaintiff, SOPHIA RELINA CHISIU, a minor and the biological child of Decedent, Alina Badoi, is and was a resident of Clark County, Nevada.

2. At all times relevant hereto, upon information and belief, Decedent, ALINA BADOI ("Decedent"), was and is a resident of Clark County, Nevada.

3. On or about January 23, 2018, LIVIU RADU CHISIU was duly appointed as Special Administrator of the ESTATE OF ALINA BADOI, and at all times relevant hereto, is and was a resident of Clark County, Nevada.

4. At all times relevant hereto, Defendant, DIGNITY HEALTH d/b/a ST. ROSE DOMINICAN HOSPITALS, was and is a Foreign Non-Profit Corporation authorized to do and doing business in the State of Nevada. At all times relevant hereto, Defendant DIGNITY HEALTH d/b/a ST. ROSE DOMINICAN HOSPITALS owned and operated a general acute care hospital in Clark County, Nevada, which hospital was called ST. ROSE DOMINICAN HOSPITAL – SIENA CAMPUS (hereinafter "St. Rose").

5. ST. ROSE DOMINICAN HOSPITAL – SIENA CAMPUS is licensed in the State of Nevada under Chapter 449 of the Nevada Revised Statutes.

6. At all times relevant hereto, Defendant JOON YOUNG KIM, M.D. (hereinafter "Kim" and/or "Dr. Kim"), was and is an individual licensed to practice medicine in the State of Nevada, and practicing in the specialty of anesthesia in Clark County, Nevada.

7. At all times relevant hereto, Defendant, U.S. ANESTHESIA PARTNERS, INC., was and is a Foreign Corporation authorized to do and doing business in Clark County, Nevada. At all times relevant hereto, Defendant U.S. ANESTHESIA PARTNERS, INC. employed Defendant Kim.

1 8. The names and capacities of Defendants DOES I through X, whether individual,
2 corporate, associate or otherwise, are unknown to the Plaintiffs at the time of the filing of this
3 complaint, and Plaintiffs therefore sue said Defendants by such fictitious names. Plaintiffs are
4 informed and believe, and therefore allege, that each of the DOE Defendants is legally
5 responsible for the injuries and damages to the Plaintiffs as herein alleged. At such time that
6 the Plaintiffs determine the true identities of DOES I through X, Plaintiffs will amend this
7 Complaint to set forth the proper names of those Defendants, as well as asserting appropriate
8 charging allegations. Plaintiffs additionally believe that one or more of the DOE
9 DEFENDANTS is liable under an agency theory as the principal tortfeasor acting within the
10 scope and authority of the agency relationship.

11 9. Plaintiffs are further informed and believe, and on that basis allege, that certain
12 physicians, physicians assistants, general surgeons, patient floor nurses, registered nurses, nurse
13 practitioners, nurse aides, or other medical personnel, or their employers, whose true and correct
14 names are either unknown, not annotated or not legible in Decedent's medical records, were
15 responsible for her care and treatment that lead to her damages as stated herein. The negligent
16 acts and omissions by DOE Defendants' employees in treating Decedent occurred within the
17 course and scope of their agency, employment, or contractual relationship with Defendants
18 and/or DOE Defendants, wherefore said Defendants and/or DOE Defendant employers are
19 vicariously liable for the damages sustained by Plaintiffs as a result of the negligent conduct of
20 their employees. Further, the negligent acts and omissions of Defendants in treating Decedent
21 occurred within the course and scope of their agency, employment, or contractual relationship
22 with DOE Defendants, wherefore said employers are vicariously liable for the damages
23 sustained by Plaintiff as a result of the negligent conduct of Defendants.

24 10. In doing the acts herein alleged, each of the Defendants' agents, servants, and
25 employees were acting in the course and scope of their employment with the Defendants, and
26 each of them, and in furtherance of the Defendants' business.

27 11. Defendants have refused to keep certain health care records as required by NRS
28 629.051 and other regulations, or otherwise refused to provide Plaintiffs or their agents with the

1 same, such that certain aspects of Decedent's medical care is undiscoverable and cannot be
2 determined. Due to the failure to provide or maintain certain health care records as required by
3 law, the statute of limitations has been tolled pursuant to NRS 41A.097(3) until such time the
4 records are provided to Plaintiffs or their agents.

5 12. Plaintiffs are further informed and believe, and on that basis allege, that
6 DOES/ROES are certain physicians, physicians assistants, general surgeons, patient floor
7 nurses, registered nurses, nurse practitioners, nurse aides, or other medical personnel, or their
8 employers, whose actions and correct names are unknown due to the missing medical records,
9 were responsible for Decedent's care and treatment that lead to Plaintiff's damages as stated
10 herein.

11 13. Pursuant to NRCP 10(a) and *Nurenberger Hercules-Werke GMBH v. Virostek*,
12 107 Nev. 873, 822 P.2d 1100 (1991), the identity of resident and non-resident defendants
13 designated herein as DOES I-X and ROES XI-XX include, but are not limited to, those persons,
14 associations, partnerships, corporations, and other entities and individuals whose conduct is the
15 subject of this Complaint and which owned, operated, managed, ratified or otherwise were, and
16 are legally accountable for the acts and omissions of the other Defendants named herein, and
17 managed, controlled, and coordinated the care, budget and staffing levels of the other
18 Defendants which led to Decedent's death.

19 **FACTUAL ALLEGATIONS**

20 14. All the facts and circumstances that give rise to the subject lawsuit occurred in
21 the County of Clark, State of Nevada.

22 15. On May 15, 2017, Decedent, Alina Badoi (hereinafter "Decedent"), was
23 admitted to St. Rose to give birth to her child, Sophia. Sophia was delivered vaginally on May
24 16, 2017.

25 16. On May 16, 2017, prior to delivery of her child, Defendant, JOON YOUNG
26 KIM, M.D. (hereinafter "Kim" and/or "Dr. Kim"), an anesthesiologist, administered an epidural
27 catheter for pain. Subsequently, Decedent developed acute spastic paraparesis and underwent a
28 laminectomy from T8 to L3 for an intradural hematoma, *inter alia*. Lumbar spinal and

1 intraventricular drains were placed during Decedent's clinical course and while attempting
2 physical therapy Alina Badoi coded and passed away on June 3, 2017.

3 17. The Clark County Coroner concluded Decedent's death was caused by: bilateral
4 pulmonary thromboemboli due to or as a consequence of deep venous thrombosis due to or as a
5 consequence of acute spastic paraparesis following intradural hemorrhage associated with
6 epidural anesthesia. The Certificate of Death was issued September 15, 2017.

7 **FIRST CAUSE OF ACTION**

8 **PROFESSIONAL NEGLIGENCE**

9 18. Plaintiffs hereby incorporate the allegations in the preceding and ensuing
10 paragraphs as though fully set forth herein.

11 19. Decedent ALINA BADOI presented to St. Rose Hospital to give birth on or
12 about May 15, 2017, and passed away at St. Rose Hospital on June 3, 2017 from bilateral
13 pulmonary thromboemboli and deep venous thrombosis.

14 20. In undertaking the aforementioned care and treatment of Decedent, Defendants
15 and/or DOE/ROE Defendants had a duty to perform said care and treatment with the skill,
16 learning and ability commensurate with other similarly situated personnel possessing the same
17 or similar education, training, and experience in the same or similar circumstances.

18 21. From May 15, 2017 to June 3, 2017, Defendants, and each of them, examined,
19 diagnosed, treated, cared for, performed surgery upon, prescribed and administered medicines or
20 drugs, and supervised the care and treatment of Decedent. In so doing, the Defendants, and each
21 of them, negligently failed to possess or to exercise that degree of knowledge or skill ordinarily
22 possessed or exercised by other physicians, nurse practitioners, nurses, attendants and the like who
23 engage in like professions in the same area as said Defendants, and each of them, inclusive,
24 negligently failed to warn Plaintiff of the dangers and untoward consequences and hazards
25 involved in the examination, diagnosis, care, treatment, prescription and administration of
26 medicines and drugs and the surgical operations, which they intended to and did, use and perform
27 upon the persons of Plaintiff; that said Defendants, and each of them, induced Plaintiff to undergo
28 said examination, diagnosis, care and treatment, surgical operations and receive said medicine or

1 drugs as aforesaid. Plaintiffs, in the exercise of reasonable diligence, could not have discovered
2 that Decedent's injuries and death were or may have been the result of negligence until on or
3 about August 7, 2017, (at the earliest) when the Clark County Coroner issued her findings. These
4 conclusions were also listed in the Certificate of Death issued September 15, 2017.

5 22. Defendants' treatment and care of Decedent fell below the applicable standard of
6 care, including but not limited to:

- 7 a. Failure to fully assess Alina Badoi's bleeding risk prior to placing the epidural
8 catheter for labor analgesia; and
9 b. Placing an epidural catheter in a patient at significant risk for bleeding.

10 23. Defendants' failure to properly treat and care and Defendants' breach of the
11 standard of care was a proximate and legal cause of Alina Badoi's. (*See* Exhibit 1, Declaration
12 of Yaakov Beilin, M.D.; *see also* Exhibit 2, Declaration and C.V. of Bruce Hirschfeld, M.D.).

13 24. As a further proximate result of the conduct of Defendants, and each of them,
14 Decedent was required to and did employ physicians, surgeons, and hospitals to examine, treat
15 and care for her, and incurred medical and other related expenses in connection therewith. The
16 exact amount of such past expense is unknown to Plaintiffs at this time, and Plaintiffs therefore
17 ask leave to prove and, if required by Court, to amend their Complaint to show the reasonable
18 value of such medical services at time of trial.

19 25. Plaintiffs' professional negligence cause of action is supported by the Declarations
20 of Yaakov Beilin, M.D. and Bruce Hirschfeld, M.D. (attached hereto as Exhibit 1 and Exhibit 2,
21 respectively) pursuant to Nevada Revised Statutes § 41A.071.

22 26. That the above actions by Defendants, and each of them, were done with a
23 conscious and/or reckless disregard for the probable harmful consequences which could flow
24 therefrom and were otherwise the result of a willful and deliberate failure to act to avoid those
25 consequences.

26 27. That as a result of Defendants' conscious and/or reckless disregard for and
27 indifference to the health and welfare of Decedent, Plaintiffs suffered damages, and
28

1 accordingly, Plaintiffs are seeking an award in an amount in excess of fifteen thousand dollars
2 (\$15,000.00).

3 28. Plaintiffs have been required to retain legal counsel to prosecute this action and,
4 therefore, are entitled to reasonable attorney fees, interest, and costs of suit incurred in this action.

5 **SECOND CAUSE OF ACTION**

6 **NEGLIGENT CREDENTIALING – AGAINST DEFENDANT ST. ROSE**

7 29. Plaintiffs hereby incorporate the allegations in the preceding and ensuing
8 paragraphs as though fully set forth herein.

9 30. Defendant St. Rose had a duty to its patients, including Decedent, to protect their
10 health, safety and welfare in relevant part, by properly credentialing and extending privileges only
11 to duly qualified physicians and/or medical providers.

12 31. Defendant St. Rose breached its duty to protect the health, safety and welfare of its
13 patients, specifically Decedent, by negligently credentialing and/or extending hospital privileges to
14 Dr. Kim despite being on actual and/or constructive notice of numerous issues demonstrating that
15 Dr. Kim was unfit and/or lacked the requisite qualifications and/or integrity to be entrusted with the
16 welfare of its patients.

17 32. Defendant St. Rose breach of its duty caused Alina Badoi's death as described
18 herein and Plaintiffs' damages.

19 33. Defendant St. Rose's actions constitute a reckless and conscious disregard for the
20 rights, health, safety and well-being of Decedent.

21 34. In order to deter the aforementioned conduct and reckless and conscious
22 disregard on the part of Defendants, punitive damages are warranted.

23 35. As a direct and proximate result of the conduct of Defendants described herein,
24 Plaintiffs have sustained damages in excess of \$15,000.00.

25 36. DOE and/or ROE Defendants who are presently unknown to Plaintiffs are in
26 some manner liable to Plaintiffs for damages under this cause of action. Once their identities are
27 ascertained, Plaintiffs will seek leave of this Court to amend this Complaint to insert their true
28 names and identities.

1 37. Plaintiffs have been required to retain legal counsel to prosecute this action and,
2 therefore, are entitled to reasonable attorney fees, interest, and costs of suit incurred in this action.

3 **THIRD CAUSE OF ACTION**

4 **FRAUDULENT CONCEALMENT AND/OR OMISSIONS**

5 38. Plaintiffs hereby incorporate the allegations in the preceding and ensuing
6 paragraphs as though fully set forth herein.

7 39. Based upon the special relationship between Plaintiffs, Decedent, and Defendants,
8 each of the Defendants assumed the responsibility to provide Plaintiffs and Decedent with true,
9 accurate and complete medical records and to convey truthful, accurate and complete information
10 regarding Decedent's care and treatment with Defendants.

11 40. Defendants have altered, destroyed and/or concealed Decedent's confidential
12 medical records, and the cause of Decedent's death.

13 41. Defendants have concealed, suppressed and/or omitted material facts regarding
14 their care and treatment of Decedent.

15 42. Defendants had a duty to disclose to Decedent and Plaintiffs true, accurate and
16 complete medical records and information regarding Defendants' care and treatment of Decedent.

17 43. Upon information and belief, Defendants acted to alter, conceal, suppress, omit
18 and/or destroy Decedent's records in an attempt to conceal their own conduct with the intention of
19 inducing Plaintiffs to refrain from prosecuting their claims against Defendants.

20 44. Despite Plaintiffs' request for and entitlement to true and complete information
21 regarding Decedent's care and treatment with Defendants, Defendants failed to provide and/or
22 willfully concealed material facts regarding their care and treatment of the Plaintiff and the cause
23 of Plaintiff's debilitating condition.

24 45. To date, Plaintiffs remain unaware of the true circumstances surrounding
25 Defendants' care and treatment of Decedent.

26 46. Upon information and belief, if Plaintiffs and Decedent had been made aware of
27 the true circumstances surrounding Defendants' care and treatment of Decedent, they would have
28 been able to make more informed decisions with respect to Decedent's care and treatment.

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48. Because the medical records, documents, and information necessary to plead a fraudulent concealment and/or omissions claim are peculiarly within Defendants' knowledge and/or control or are readily obtainable by Defendants, Plaintiffs are unable to plead the instant claim with more particularity than that contained herein. Accordingly, pursuant to *Rocker v. KPMG LLP*, 122 Nev. 1185, 148 P.3d 703 (2006), a relaxed pleading standard should be applied and Plaintiffs should be afforded the opportunity to conduct discovery relevant to such claims with leave to amend with more particularity at a later time.

49. As a direct and proximate result of the conduct of Defendants described hereinabove, Plaintiffs have sustained damages in excess of fifteen thousand dollars (\$15,000.00).

50. That DOE and/or ROE Defendants who are presently unknown to Plaintiffs are in some manner liable to Plaintiffs for damages under this cause of action. Once their identities are ascertained, Plaintiffs will seek leave of this Court to amend their Complaint to insert their true names and identities.

51. Plaintiffs have been required to retain legal counsel to prosecute this action and, therefore, are entitled to reasonable attorney fees, interest, and costs of suit incurred in this action.

FORTH CAUSE OF ACTION

NEGLIGENT HIRING, TRAINING, RETENTION

AND SUPERVISION – AGAINST ST. ROSE AND U.S. ANESTHESIA PARTNERS

52. Plaintiffs hereby incorporate the allegations in the preceding and ensuing paragraphs as though fully set forth herein.

53. Defendants and/or DOE/ROE Defendants had a duty to exercise due care in the selection, training, supervision, oversight, direction, retention and control of its employees and/or agents, retained by it to perform and provide services.

1 54. Defendants and/or DOE/ROE Defendants breached the above-referenced duty
2 when they negligently, carelessly, and recklessly hired, trained, supervised, oversaw, directed
3 and/or retained physicians, physicians assistants, general surgeons, patient floor nurses,
4 registered nurses, nurse practitioners, nurses aides, or other medical personnel, including but not
5 limited to, Defendant Dr. Kim and/or DOE/ROE Defendants.

6 55. That as a result of Defendants' and/or DOE/ROE Defendants' reckless disregard
7 for and indifference to the health and welfare of Decedent, Plaintiffs suffered damages, and
8 accordingly, Plaintiffs are seeking an award in an amount in excess of fifteen thousand dollars
9 (\$15,000.00).

10 56. As a direct result and proximate cause and result of Defendants' and/or
11 DOE/ROE Defendants' above-referenced breach, Plaintiffs incurred damages of grief, sorrow,
12 loss of probable support, companionship, society, comfort and consortium, and damages for
13 pain, suffering, and disfigurement of the Decedent in an amount in excess of fifteen thousand
14 dollars (\$15,000.00).

15 57. As a direct result and proximate cause and result of Defendants' and/or
16 DOE/ROE Defendants' above-referenced breach, the Estate of Alina Badoi incurred special
17 damages including medical and funeral expenses in an amount in excess of fifteen thousand
18 dollars (\$15,000.00).

19 58. Plaintiffs have been required to retain legal counsel to prosecute this action and,
20 therefore, are entitled to reasonable attorney fees, interest, and costs of suit incurred in this action.

21 **FIFTH CAUSE OF ACTION**

22 **OSTENSIBLE AGENCY/VICARIOUS LIABILITY –**

23 **AGAINST ST. ROSE AND U.S. ANESTHESIA PARTNERS**

24 59. Plaintiffs hereby incorporate the allegations in the preceding and ensuing
25 paragraphs as though fully set forth herein.

26 60. Decedent entrusted her care and treatment to Defendants; Defendant St. Rose
27 selected Defendant Kim to treat Alina Badoi as an anesthesiologist and Decedent reasonably
28

1 believed Defendant Kim was an employee or agent of Defendant St. Rose; Decedent and Plaintiffs
2 were not put on notice Defendant Kim was an independent contractor.

3 61. While committing the above noted acts of negligence, thereby causing harm and
4 death to Decedent, Defendant Dr. Kim and/or DOE/ROE Defendants were operating under a
5 partnership, joint venture, agency, ostensible agency, contractual, and/or employment
6 relationship with Defendants, St. Rose, U.S. Anesthesia Partners and/or DOE/ROE Defendants,
7 and each of them.

8 62. Defendants St. Rose and U.S. Anesthesia Partners are responsible and liable for
9 the negligence of Defendant Dr. Kim and/or DOE/ROE Defendants, under one or more of the
10 following theories: agency theory as the principal of a tortfeasor acting within the course and
11 scope of an agency relationship; ostensible agency as the principal of a tortfeasor acting within
12 the course and scope of an agency relationship; partnership; joint venture; contractual;
13 respondeat superior, and/or vicarious liability.

14 63. The negligent acts and omissions by Defendant Dr. Kim and/or DOE/ROE
15 Defendants occurred within the course and scope of Defendant Dr. Kim's and/or DOE/ROE
16 Defendants' joint venture, agency, ostensible agency, contractual, or employment relationship
17 with Defendants St. Rose and/or U.S. Anesthesia Partners. Therefore, Defendants St. Rose
18 Hospital and/or U.S. Anesthesia Partners are vicariously liable for the damages sustained by
19 Plaintiffs as a result of the negligent conduct of Defendants and/or DOE/ROE Defendants.

20 64. That as a result of Defendants' reckless disregard for and indifference to the
21 health and welfare of Decedent, Plaintiffs suffered damages, and accordingly, Plaintiffs are
22 seeking an award in an amount in excess of fifteen thousand dollars (\$15,000.00).

23 65. As a direct result and proximate cause and result of Defendants' above-
24 referenced breach, Plaintiffs incurred damages of grief, sorrow, loss of probable support,
25 companionship, society, comfort and consortium, and damages for pain, suffering, and
26 disfigurement of the Decedent in an amount in excess of fifteen thousand dollars (\$15,000.00).

27 66. As a direct result and proximate cause and result of Defendant St. Rose
28 Hospital's above-referenced breach, the Estate of Alina Badoi incurred special damages

1 including medical and funeral expenses in an amount in excess of fifteen thousand dollars
2 (\$15,000.00).

3 67. Plaintiffs have been required to retain legal counsel to prosecute this action and,
4 therefore, are entitled to reasonable attorney fees, interest, and costs of suit incurred in this action.

5 **SIXTH CAUSE OF ACTION**

6 **WRONGFUL DEATH PURSUANT TO NRS 41.085**

7 68. Plaintiffs hereby incorporate the allegations in the preceding and ensuing
8 paragraphs as though fully set forth herein.

9 69. Plaintiff, SOPHIA RELINA CHISIU, is the natural child of Decedent and is the
10 heir to Decedent's estate.

11 70. Defendants and/or DOE Defendants neglected to provide proper care for
12 Decedent, causing Decedent's death.

13 71. But for the substandard care provided by Defendants and/or DOE/ROE
14 Defendants, Decedent would not have died from bilateral pulmonary thromboemboli and deep
15 venous thrombosis.

16 72. That as a result of Defendants' and/or DOE/ROE Defendants' reckless disregard
17 for and indifference to the health and welfare of Decedent, Plaintiffs suffered damages, and
18 accordingly, Plaintiffs are seeking an award in an amount in excess of fifteen thousand dollars
19 (\$15,000.00).

20 73. As a direct result and proximate cause and result of Defendants' and/or
21 DOE/ROE Defendants' above-referenced breach, Plaintiffs incurred damages of grief, sorrow,
22 loss of probable support, companionship, society, comfort and consortium, and damages for
23 pain, suffering, and disfigurement of the Decedent in an amount in excess of fifteen thousand
24 dollars (\$15,000.00).

25 74. As a direct result and proximate cause and result of Defendants' and/or DOE
26 Defendants above-referenced conduct, the Estate of Alina Badoi incurred special damages
27 including medical and funeral expenses.

28

1 75. Plaintiffs have been required to retain legal counsel to prosecute this action and,
2 therefore, are entitled to reasonable attorney fees, interest, and costs of suit incurred in this action.

3 **PUNITIVE DAMAGES**

4 76. Plaintiffs hereby incorporate the allegations in the preceding and ensuing
5 paragraphs as though fully set forth herein.

6 77. Defendants and/or DOE/ROE Defendants were consciously indifferent to the
7 consequences of their conduct and disregarded Alina Badoi's health, safety and welfare.

8 78. Defendants and/or DOE Defendants conduct was intentional, malicious,
9 oppressive and/or in reckless disregard of the consequences to Decedent, and thereby subjecting
10 Defendants to punitive damages pursuant to N.R.S. 42.005. 42.005(1) provides:

11 Except as otherwise provided in NRS 42.007, in an action for the breach of an
12 obligation not arising from contract, where it is proven by clear and convincing
13 evidence that the defendant has been guilty of oppression, fraud or malice,
14 express or implied, the plaintiff, in addition to the compensatory damages, may
recover damages for the sake of example and by way of punishing the
defendant....

15 79. Plaintiffs have been required to retain legal counsel to prosecute this action and,
16 therefore, are entitled to reasonable attorney fees, interest, and costs of suit incurred in this action.

17 **DEMAND FOR JURY TRIAL**

18 68. Plaintiffs hereby demand a trial by jury for all issues triable.

19 **PRAYER FOR RELIEF**

20 Wherefore, Plaintiffs pray for relief and judgment as against Defendants as follows:

- 21 1. Compensatory damages in excess of \$15,000.00, according to proof at trial;
22 2. Special damages in excess of \$15,000.00, according to proof at trial;
23 3. Punitive and exemplary damages in an amount to be determined at trial;
24 4. Interest from the time of service of this complaint as allowed by NRS 17.130;
25 5. Costs of suit and attorney fees; and

26 ///

27 ///

28 ///

6. For such other and further relief as the court may deem appropriate.

Dated this 4th day of June, 2018.

CHRISTIANSEN LAW OFFICES

PETER S. CHRISTIANSEN, ESQ.

Nevada Bar No. 5254

R. TODD TERRY, ESQ.

Nevada Bar No. 6519

KENDELEE L. WORKS, ESQ.

Nevada Bar No. 9611

WHITNEY J. BARRETT, ESQ.

Nevada Bar No. 13662

KEELY A. PERDUE, ESQ

Nevada Bar No. 13931

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EXHIBIT 1

EXHIBIT 1

DECLARATION OF YAAKOV BEILIN, M.D., PER NRS 53.045

1. My name is **Yaakov Beilin**, and I am over the age of 18 and competent to make this Declaration. All matters stated herein are within my personal knowledge and are true and correct to the best of my knowledge.
2. I am a medical doctor duly licensed to practice medicine in the State of New York. I am board-certified in Anesthesiology and I am a Professor of Anesthesiology and Obstetrics, Gynecology and Reproductive Sciences at the Icahn School of Medicine at Mount Sinai where I am the Director of Obstetric Anesthesiology. In addition to my teaching responsibilities, I practice medicine in Obstetric Anesthesiology. My C.V. is attached hereto.
3. I have thoroughly reviewed the medical records produced by St Rose Dominican Hospital-Siena Campus related to **Alina Badoi's** labor and delivery, and the records from the Clark County Coroner's office. St Rose Dominican Hospital-Siena Campus records indicate that **Alina Badoi** was admitted May 15, 2017 with an intrauterine pregnancy with spontaneous vaginal delivery on May 16, 2017. Prior to delivery of her child, it appears that Dr. Joon Kim, M.D., an anesthesiologist, administered an epidural catheter for pain. Subsequently, **Alina** developed acute spastic paraparesis and underwent a laminectomy from T8 to L3 for an intradural hematoma. She subsequently also developed epidural and subdural hematomas. Lumbar spinal and interventricular drains were placed during **Alina's** clinical course and **Alina** remained at St Rose Dominican Hospital-Siena Campus until she coded and passed away on June 3, 2017. The cause of death, as determined by the Clark County Coroner, was pulmonary thromboemboli.
4. I am familiar with the standard of medical care required of anesthesiologists and hospitals in the Las Vegas area in 2017 when **Alina Badoi** was a patient and gave birth to a viable female infant. Prior to placing an epidural catheter, the standard of care for hospitals such as St Rose Dominican-Siena Campus and **Alina's** anesthesiologist required a full and thorough assessment of **Alina's** bleeding risks and if there are significant risks for bleeding, an epidural catheter should not be placed. The records show that **Alina** had preeclampsia, a dramatic variation in platelet counts, an active nose-bleed, a history of Hashimoto's thyroiditis and a thyroidectomy. The thyroidectomy was complicated by bleeding. **Alina** also experienced heavy menses throughout her adult life and after conception, **Alina** experienced nose-bleeds at least once per

week in the early stages of her pregnancy and 2-3 times per week in the late stages of her pregnancy.

5. Based upon my education, training, experience and a review of the aforementioned records, it is my opinion, to a reasonable degree of medical probability, that the epidural catheter should not have been placed and **Alina Badoi** was subjected to substandard medical treatment and deviations from the standard of care by St Rose Dominican Hospital-Siena Campus and her anesthesiologist(s), including, but not limited to:

- a. Failure to fully assess the bleeding risk of **Alina Badoi** prior to placing her epidural catheter for labor analgesia; and
- b. Placing an epidural catheter in a patient at significant risk for bleeding.

6. It is my opinion, to a reasonable degree of medical probability, that these deviations in the accepted standard of care by St Rose Dominican Hospital-Siena Campus and **Alina's** anesthesiologist(s) were substantial factors in the development of the subdural, intradural and epidural hematoma and ultimate demise of **Alina Badoi**.

7. All of my opinions stated herein are made to a reasonable degree of medical probability. However, these opinions are subject to change depending upon the review and/or existence of additional medical records and depositions.

I declare under penalty of perjury under the law of the State of Nevada that the foregoing is true and correct.

Executed this 5th day of June, 2018.



YAAKOV BEILIN, M.D.

**CURRICULUM VITAE
YAAKOV BEILIN, M.D.**

**Professor of Anesthesiology and OB/GYN
Icahn School of Medicine at Mount Sinai
Vice-Chair for Quality- Dept. of Anesthesiology
Director, Obstetric Anesthesia
New York, New York**

ACADEMIC APPOINTMENTS:

July 1991-June 1992	Instructor Department of Anesthesiology Mount Sinai School of Medicine New York, New York 10029-6574
July 1992-Dec 1994	Clinical Assistant Professor Department of Anesthesiology Mount Sinai School of Medicine New York, New York 10029-6574
January 1995-May 2001	Assistant Professor Department of Anesthesiology Mount Sinai School of Medicine New York, New York 10029-6574
January 1998-May 2001	Assistant Professor Dept. of Obstetrics, Gynecology & Reproductive Science Mount Sinai School of Medicine New York, New York 10029-6574
June 2001-December 2007	Associate Professor Department of Anesthesiology, and Dept. of Obstetrics, Gynecology & Reproductive Science Mount Sinai School of Medicine New York, New York 10029-6574
January 2008-December 2012	Professor Department of Anesthesiology, and Dept. of Obstetrics, Gynecology & Reproductive Science Mount Sinai School of Medicine New York, New York 10029-6574

Yaakov Beilin, M.D. - Curriculum Vitae

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Academic appointments (continued):

January 2013- Present	Professor with Tenure Department of Anesthesiology, and Dept. of Obstetrics, Gynecology & Reproductive Science Mount Sinai School of Medicine New York, New York 10029-6574
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HOSPITAL APPOINTMENTS:

July 1991-Present	Assistant Attending Anesthesiologist Department of Anesthesiology The Mount Sinai Hospital New York, New York 10029-6574
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Jan 1991-1999	Assistant Attending Anesthesiologist Department of Anesthesiology City Hospital Center at Elmhurst Elmhurst, NY 11373
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GAPS IN EMPLOYMENT

None

EDUCATION:

Sept 1979-June 1983	Yeshiva University New York, New York Degree: B.A., June 1983 Majors: Chemistry and Mathematics
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Sept 1983-June 1987	Mount Sinai School of Medicine of The City University of New York New York, New York Degree: M.D., June 1987
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POST-DOCTORAL TRAINING:

July 1987-June 1988	Medicine Internship, Department of Medicine Maimonides Medical Center Brooklyn, New York 11219
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July 1988-June 1990	Resident, Department of Anesthesiology Mount Sinai School of Medicine New York, New York 10029-6574
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July 1990-June 1991	Specialty year, Obstetric Anesthesia Department of Anesthesiology Mount Sinai School of Medicine New York, New York 10029-6574
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Yaakov Beilin, M.D. - Curriculum Vitae

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CERTIFICATION:

July 1988	Diplomate The National Board of Medical Examiners, #349331
April 1992	Diplomate The American Board of Anesthesiology, Inc., #20508
April 2010	TeamSTEPPS Master Trainer, Duke Medical Center

LICENSURE:

July 1988-Present	New York, #176850
January 2004 – Dec 2007	New Jersey # 25MA07678900

HONORS/AWARDS/PATENTS:

1979-1983	Dean's List – 4 years Yeshiva University New York, New York
1981-1983	Alpha Epsilon Delta, Pre-medical honor society Yeshiva University New York, New York
June 1983	Graduated magna cum laude Yeshiva University New York, New York
June 1987	Doctor Joseph R. Jagust Anesthesiology Award Mount Sinai School of Medicine
June 1998	Outstanding Research in Anesthesiology Award Department of Anesthesiology, Mount Sinai School of Medicine
May 1999	Selected as one of Top 10 Scientific Abstracts International Anesthesia Research Society, 73 rd congress Abstract: "The obstetrician group, not epidural analgesia, influences the cesarean section rate for the nulliparous woman in labor."

Yaakov Beilin, M.D. - Curriculum Vitae

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HONORS/AWARDS/PATENTS (Continued):

Jan 2001-Dec 2002	Clinical Scholar Research Award International Anesthesia Research Society Cleveland, Ohio 44131-2571 (See grant section)
June 2003	Outstanding Teaching Award Department of Anesthesiology, Mount Sinai School of Medicine
June 2006	Elected to membership in: The Association of University Anesthesiologists

OTHER PROFESSIONAL APPOINTMENTS:**Departmental Committees:**

1992-Present	Performance Improvement Committee
1993-Present	Vice Chair, Research Committee
1993-Present	Resident Evaluation Committee
2000-2004	Finance Committee
January 2005 – Present	Departmental coordinator for JCAHO preparations and education
March 2006 – Present	Member, Promotions Committee
Jan 2008 –Present	Member, Steering Committee for the Anesthesiology morbidity and mortality Conference CME Program

Hospital Committees:

October 1995-Nov 1996	Member Reengineering Committee for L&D
July 2001 – Present	Labor floor committee
Sept 2004 – Present	Committee for the provision of care, treatment and services, Manhattan workgroup

Hospital Committees (continued):

July 2004 – Present	Perioperative Care Committee
January 2005 – Present	JCAHO National Safety Goals Committee
January 2005 – Present	JCAHO Medication Management Committee
October 2006- Present	Member Hospital Quality Review Board
January 2007- Present	Member, Surgical Care Improvement Project (SCIP)
July 2007 – Present	Member, Multidisciplinary pain committee
July 2005-Present	Member, Clinical review Committee
Jan 2008 – present	Member, Quality and Patient Safety Council
Jan 2008- Present	Member Quality Care Council
Jan 2008 –Present	Member FOJP Surgical Quality Improvement Group
Jan 2008 –Present	Member, institutional pain committee
January 2008 – June 1015	Member Data Safety and monitoring Board for GCO project # 08-1422, ketamine in treatment-resistant bipolar depression

National Committees:

July 1, 1994-Present	Member of Research Committee Society for Obstetric Anesthesia and Perinatology
July, 1997 – Dec 1997	Member of Pulmonary Artery Catheter Consensus Conference for The Society of Critical Care Medicine
Feb, 2000 - Present	Abstract Review Committee Society for Obstetric Anesthesia and Perinatology
July 2000-2002	Contributor to the Self-Education and Evaluation (SEE) Program of the American Society of Anesthesiologists
Jan 2002 – 2010	Member of the Subcommittee on Obstetric Anesthesia and Perinatology of the American Society of Anesthesiologists (ASA)

National Committees (continued):

Jan 2001 – Present	Abstract Review Committee on Obstetric Anesthesia and Perinatology of the American Society of Anesthesiologists (ASA)
May 2004 – Present	Member of the regional perinatal center maternal mortality review team, New York
January 2005 – 2010	Member of the Committee on Obstetrical Anesthesia of the American Society of Anesthesiologists (ASA)
February 2006 – 2008	Consultant to the American Society of Anesthesiologists Task Force on Guidelines for Obstetric Anesthesia
January 2007 – 2009	Consultant to the American Society of Anesthesiologists Task Force on the Prevention, Detection and Management of Respiratory Depression Associated with Neuraxial Opioid Administration
January 2009-Present	Member, Patient Safety Committee Society for Obstetric Anesthesia and Perinatology
June 2010- Present	Member of the ASA Educational Track Subcommittee on Obstetric Anesthesia
December 2012-Present	Member of the New York State Society of Anesthesiologists' Committee on Continuous Quality Improvement and Peer Review.
May 2013- Present	Member organizing Committee for the 48 th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology

ADMINISTRATIVE LEADERSHIP APPOINTMENTS

Internal

Anesthesiology Department:

January 2014 – Present	Director Obstetric Anesthesiology
Nov 2000 – December 2013	Co-Director Obstetric Anesthesiology <ul style="list-style-type: none">• Oversees busy clinical service• 7,000 deliveries per annum• Sets clinical standards• Directs resident and fellow teaching
July 1997-July 2017	Director Obstetric Anesthesia research and fellowship <ul style="list-style-type: none">• Initiated ACGME Fellowship• Initiated more than 30 research projects• Leads journal club
July 2017 – Present	Director Obstetric Anesthesia Fellowship <ul style="list-style-type: none">• Oversees the Fellowship including clinical, research and educational initiatives
Jan 2007- 2017	Vice-Chair for Quality, Department of Anesthesiology <ul style="list-style-type: none">• Sets policies and protocols for Department• Chairs performance improvement committee• Representative from anesthesiology to many hospital safety committees
Jan 2013 – Dec 2013	Member, Anesthesiology Executive Committee <ul style="list-style-type: none">• Oversaw day to day activity of the Department during period of chairs absence
July 2017- Present	Vice-Chair for Quality for Anesthesiology, Mount Sinai Health System <ul style="list-style-type: none">• Oversees quality for the Department of Anesthesiology at the system level

Mount Sinai Hospital

Jan 2008 – Present	Chair, Clinical Review Committee <ul style="list-style-type: none">• Provide oversight to the timely evaluation and identification of quality issues and incidents that involve actual or potential risk to patients.• Evaluates root cause analyses and other high profile complications
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External

July 1994 - 2004	Editor of the Research column for the newsletter of Society for Obstetric Anesthesia and Perinatology
December 2007- Present	Member Editorial Board, International Journal of Obstetric Anesthesia
January 2009 – Present	Member Editorial Board, Obstetric Anesthesia Digest

TRAINING RECORD:

Name	Level of Trainee	Role in training	Dates	Training venue	Trainees Current status
Merceditas Lagmay, MD	Senior resident	Preceptor	1991-'92	Labor and delivery floor	Atlantic City Medical Center, NJ
Ellen Brand, MD	Senior resident	Preceptor	1991-'92	Labor and delivery floor	Director Obstetric Anesthesia, Stanford Hospital, CT
Neil Nahmias, MD	Senior resident	Preceptor	1993-'94	Labor and delivery floor	Holy Name Hospital, NJ
Jung Kim, MD	Senior resident	Preceptor	1994-'95	Labor and delivery floor	Assistant Professor, New York University
Jeffrey Zahn, MD	Senior resident	Preceptor	1995-'96	Labor and delivery floor	Assistant Professor, Mount Sinai School of Medicine
Mihai Galea, MD	Fellow	Supervisor	1997-'98	Labor and delivery floor	Assistant Professor, Maimonides Medical Center
Sharon Abramovitz, MD	Fellow	Supervisor	1998-'99	Labor and delivery floor	Assistant Professor, Weill Medical College, NY
Ashalatha Nair, MD	Fellow	Supervisor	2000-'01	Labor and delivery floor	Director Obstetric Anesthesia, Elmhurst City Hosp. Queens, NY
Jonathan Rosenstreich, MD	Senior resident	Supervisor	2003-'04	Labor and delivery floor	UCLA Medical Center, California
Jonathan Epstein, MD	Fellow	Supervisor	2008-2009	Labor and delivery floor	Assistant Prof, Roosevelt Hospital of Mount Sinai, NY, NY
Yelena Spitzer, MD	Fellow	Supervisor	2013-2014	Labor and delivery floor	Assistant Professor, Albert Einstein College of Medicine, Bronx, NY
Alison Schmeck, MD	Fellow	Supervisor	2013-2014	Labor and delivery floor	Staff Anesthesiologist, Holy Name Hospital, Teaneck, NJ
Nakiyah Knibbs, MD	Fellow	Supervisor	2014-2015	Labor and delivery floor	Assistant Professor, Icahn School of Medicine

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					at Mount Sinai, NY, NY
Michael Marotta, MD	<i>Fellow</i>	<i>Supervisor</i>	2014-2015	<i>Labor and delivery floor</i>	Assistant Professor, Elmhurst Hospital, Queens, NY
Joshua Hamburger, MD	<i>Fellow</i>	<i>Supervisor</i>	2015-2016	<i>Labor and delivery floor</i>	Assistant Professor, Icahn School of Medicine at Mount Sinai
David Gutman, MD	<i>Fellow</i>	<i>Supervisor</i>	2015-2016	<i>Labor and delivery floor</i>	Assistant Professor, South Carolina
Dorian Batt, MD	<i>Fellow</i>	<i>Supervisor</i>	2016-2017	<i>Labor and delivery floor</i>	Assistant Professor, , Weill Medical College, NY
Amita Kulkarny, MD	<i>Fellow</i>	<i>Supervisor</i>	20176-2018	<i>Labor and delivery floor</i>	Current Fellow
Eli Zarkhin, MD	<i>Fellow</i>	<i>Supervisor</i>	20176-2018	<i>Labor and delivery floor</i>	Current Fellow

TEACHING ACTIVITIES:

Teaching Activity/Topic	Level	Role	Number of Learners	Number of hours week/month/year	Years Taught
3 rd year Community Medicine Clerkship	Medical School Course	Preceptor for research project	2	10 hours per year	1992
1 st year Research Integrative Core	Medical School Course	Preceptor for research project	1	12 hours per year	2001
3 rd year medical school intersession clerkship	Medical School Course	Moderator	12	One week course	2003-2008
Research elective	Medical School elective	Preceptor	8	3 months per year	1994-Present
Didactic lectures in Obstetric Anesthesia	Department Level	Co-Director	20 per year	6 hours per month	1994-Present
Journal club for obstetric anesthesia	Department Level	Director	4-6	12 months per year	1997-2011
Moderator Anesthesiology morbidity and mortality conference	Department Level	Moderator	100-150	3-4 sessions per year	1995-Present
Coordinator Anesthesiology PI Conference	Department Level	Director	100-150	12 sessions per year	2008-Present

GRANT SUPPORT:

Past Grants:

1. Medical School (PI: Constantine A. Bona) 6/85-9/85 10%
National Institute of Health's summer research fellowship for medical students. \$1000
The ability of monoclonal antibodies to function as vaccines.
(Role: research assistant)
2. GCO # 00-435 (PI: Yaakov Beilin) 6/14/ 2000 – 6/13/ 2001 5%
Becton Dickinson & Co. \$4,000
Clinical evaluation of the Durasafe Plus™ Epidural Kit.
3. GCO # 97-008 AN (PI: Yaakov Beilin) 1/2/97-4/30/98 5%
Astra Zeneca Co. \$2,000
A prospective and randomized, and double-blind study evaluating a new local anesthetic, ropivacaine.
4. GCO # 00-128 (PI: Yaakov Beilin) 3/15/2000- 4/30/2003 5%
Dade-Behring \$40,000
The evaluation of a new point-of-care platelet function monitor, the PFA-100, in the parturient.
5. GCO # 98-190 (PI: Yaakov Beilin) 1/1/2001-12/31/2002 10%
International Anesthesia Research Society, Research Award \$75,000
The effect of epidural fentanyl on infant breast feeding: A prospective randomized study
6. GCO # 01-0597 (PI: Yaakov Beilin) 8/01-12/2001 5%
Astra Zeneca Inc. \$5000
A prospective, randomized and double-blind study evaluating three local anesthetics for labor analgesia: bupivacaine vs. ropivacaine vs. levobupivacaine.

CURRENT UNFUNDED PROJECTS

1. GCO # 08-00127 (PI: Yaakov Beilin) 1/2008-Present 10%
Analysis of Adverse Outcomes in Anesthesiology
2. GCO # 14-0730 (PI: Jaimie Hyman) 2/2014-present
Characterizing "maternal near misses": Identifying contributing factors and assessing healthcare provider stress. 20%

Completed Unfunded Research Projects:

1. GCO # 90-145 ME (PI: Yaakov Beilin) 2/1/90-6/30/91 10%
An *in vitro* study to determine if tumor necrosis factor, interleukin-1 or interleukin-6 are mediators of preeclampsia.
2. GCO # 91-311 AN (PI: Yaakov Beilin) 7/31/91-6/30/93 10%
A questionnaire study of 1000 post-partum women to assess patients' attitudes towards obstetrical anesthesia.
3. GCO # 93-467 AN (PI: Yaakov Beilin) 11/29/93-5/31/95 10%
A prospective and randomized and double-blind study to determine the optimum distance that the epidural catheter should be threaded into the epidural space.
4. GCO # 93-705 AN (PI: Yaakov Beilin) 12/1/93-35/31/96 5%
A prospective and randomized study to assess the value of the anesthesiologist's preoperative interview for the parturient.
5. GCO # 94-217 AN (PI: Yaakov Beilin) 4/29/94-6/30/96 5%
A survey of the management of controversial situations in obstetrical anesthesia.
6. GCO # 94-510 AN (PI: Yaakov Beilin) 10/3/94-7/1/96 5%
A prospective and randomized and double-blind study to assess the use of subhypnotic doses of propofol to treat pruritus caused by intrathecal opioids after cesarean section.
7. GCO # 96-319 AN (PI: Yaakov Beilin) 6/3/96-7/1/96 5%
A retrospective study evaluating the effects of epidural fentanyl administered during labor on breast-feeding.
8. GCO # 95-086 AN (PI: Yaakov Beilin) 3/1/95-7/31/97 5%
A prospective and randomized and double-blind study to determine the best treatment of incomplete analgesia after placement of an epidural anesthetic for the woman in labor.
9. GCO # 95-375 AN (PI: Ivan Dimich) 10/1/95-1/31/97 5%
A prospective and randomized study of the cardiovascular effects of concomitant administration of nifedipine and magnesium in pigs. (Role: Research consultant)
10. GCO # 96-265 AN (PI: Yaakov Beilin) 5/20/96-7/1/97 5%
A multi-center trial evaluating the effect of propofol on the pregnancy rate in women undergoing gamete intrafallopian transfer (GIFT).

Completed Unfunded Research Projects (continued):

11. GCO # 95-806 AN (PI: Yaakov Beilin) 12/1/95-7/1/97 5%
A retrospective study evaluating the safety of regional anesthesia and delivery in the parturient with a platelet count less than 100,000 mm⁻³.
12. GCO # 95-805 AN (PI: Yaakov Beilin) 12/1/95-12/1/97 5%
A prospective study of the effect of magnesium sulfate on platelet function in the parturient.
13. GCO # 95-435 AN (PI: Yaakov Beilin) 7/28/95-7/31/98 5%
A prospective and randomized study evaluating the accuracy of the visual analogue scale in assessing changes in pain intensity in the surgical patient.
14. GCO # 97-401 AN (PI: Yaakov Beilin) 7/1/97-11/1/99 5%
A prospective and randomized study evaluating the effect of patient position during epidural labor analgesia on the incidence of incomplete analgesia.
15. GCO # 97-850AN (PI: Yaakov Beilin) 12/30/97-12/10/99 5%
A prospective and randomized study evaluating the quality of analgesia when air versus saline is used for identification of the epidural space with the loss-of-resistance technique.
16. GCO # 96-690 AN (PI: Jeffrey Zahn) 10/17/96-10/10/99 5%
A prospective and randomized study comparing blood pressure in the upper versus the lower extremity in the parturient. (Role: Mentor)
17. GCO # 97-861AN (PI: Jeffrey Zahn) 12/3/97-1/5/2000 5%
A prospective and randomized, and double-blind study evaluating spinal bupivacaine for cervical cerclage. (Role: Mentor)
18. GCO # 97-155 AN (PI: Yaakov Beilin) 3/3/97-3/2000 5%
A prospective study evaluating factors that may influence the cesarean section rate.
19. GCO # 00-1013AN (PI: Yaakov Beilin) 3/01-4/02 5%
A prospective, randomized and double-blind study evaluating the efficacy of epidural morphine to treat episiotomy pain.
20. GCO # 99-720AN (PI: Yaakov Beilin) 10/99-11/01 5%
A prospective, randomized and double-blind study evaluating the optimal epidural infusion that should be utilized following the combined spinal-epidural technique for labor analgesia.
21. GCO 06-0188 (PI: David Wax) 1/2006-6/2007 10%
Effect of Automatic AIMS reminder on Compliance with Antibiotic Administration.

Completed Unfunded Research Projects (continued):

- | | | |
|--|------------------|-----|
| 22. GCO # 07-1011 (PI: Yaakov Beilin) | 9/2007 – 1/2009 | 10% |
| The effect of degree of labor pain at time of epidural placement on mode of delivery | | |
| 23. GCO # 07-1244 AN (PI: David Wax) | 11/1/2007 1/2009 | 10% |
| Frequency and Predictors of Editing of Physiologic Data in AIMS Records | | |
| 24. GCO # 05-0655 (PI: David Reich) | 12/2005- 1/2008 | 10% |
| Intraoperative predictors of surgical site infection | | |
| 25. GCO # 06-1249 (PI: Yaakov Beilin) | 11/2006-Present | 10% |
| User acceptance of CompuRecord on labor and delivery | | |
| 26. GCO 07-0266 (PI: David Wax) | 1/2007- 12/2009 | 10% |
| Survey of Perioperative Glycemic Control | | |
| 27 GCO # 05-0295 (PI: David Wax) | 6/2005-9/2008 | 10% |
| Intraoperative Glucose Control | | |
| 28. GCO # 05-0812 (PI: Yaakov Beilin) | 6/2005-12/2009 | 10% |
| SOAP SCORE project | | |
| 29. GCO # 07-1217 AN (PI: David Wax) | 11/1/2007 | 10% |
| Predictors of Patient Pain Mgt Modality care | | |
| 30. GCO # 05-1155 (PI: Yaakov Beilin) | 12/2005- 2008 | 20% |
| Epidural vs. combined spinal-epidural for labor analgesia: Impact on obstetric outcome. | | |
| 31. GCO # 08-00449 (PI: Yaakov Beilin) | 10/2008-2012 | |
| Are Serial Platelet Counts needed in women with Preeclampsia | | |
| 32. GCO#:11-04406 (PI:Jason Epstein) | 10/2011-2013 | |
| Fluid and Acid-base Management Strategies and Postoperative Outcome in Renal Allotransplant Patients | | |

ORIGINAL PEER-REVIEWED PUBLICATIONS:

1. Sigal NH, Chan M, Reale MA, Moran TM, Beilin Y, Schulman JL, Bona CA. The human and murine influenza-specific B Cell repertoires share a common idotype. J Immunol 1987;139:1985-90.
2. Schulman JL, Moran TM, Reale MA, Beilin Y, Sigal NH, Bona CA. Effects of immunization with syngeneic monoclonal anti-idotype antibody on antibody responses to influenza viruses. Monogr Allergy 1987;22:143-49.
3. Beilin Y, Leibowitz AB. (case report) Anesthesia for an achondroplastic dwarf presenting for urgent cesarean section. Int J Obstet Anesth 1992;2:96-7.
4. Beilin Y, Bernstein HH. (case report) Successful epidural anaesthesia for a patient with Takayasu's arteritis presenting for caesarean section. Can J Anaesth 1993;40:64-6.
5. Beilin Y, Bernstein HH, Zucker-Pinchoff B: The optimal distance that a multi-orifice epidural catheter should be threaded into the epidural space. Anesth Analg 1995; 81:301-4.
6. Beilin Y, Rosenblatt MA, Bodian CA, Lagmay-Aroesty MM, Bernstein HH. Information and concerns about obstetric anesthesia: a survey of 320 obstetric patients. Int J Obstet Anesth 1996;5:145-51.
7. Beilin Y, Bodian CA, Haddad EM, Leibowitz AB. Practice patterns of anesthesiologists regarding situations in obstetric anesthesia where clinical management is controversial. Anesth Analg 1996;83:735-41.
8. Ammar T, Beilin Y, Bernstein HH. (Case report) Successful regional anesthesia for a woman with a single ventricle presenting for labor and delivery. J Cardiothorac Vasc Anesth 1996;10:640-2.
9. Beilin Y, Zahn J, Comerford M. Safe epidural analgesia in thirty parturients with platelet counts between 69,000 and 98,000 mm⁻³. Anesth Analg 1997;85:385-8.
10. Beilin Y. and consensus participants. Pulmonary artery catheter consensus conference: consensus statement. Crit Care Med 1997; 25:910-25.
11. Leibowitz AB, Beilin Y. Pulmonary artery catheters and outcome in the perioperative period. New Horizons 1997;5:214-27.

Original Peer-Reviewed Publications (continued):

12. **Beilin Y**, Bernstein HH, Zucker-Pinchoff B, Zahn J, Zenzen WJ. Subhypnotic doses of propofol do not relieve pruritus induced by intrathecal morphine following cesarean section. *Anesth Analg*, 1998;86:310-3.
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16. **Beilin Y.** Thrombocytopenia and regional anesthesia for the parturient – How low can you go? Program and summaries for The 12th International Symposium on Anesthesia and Intensive Care, 1999: 19.
17. **Beilin Y.** New techniques in obstetric anesthesia. Program and summaries for The 12th International Symposium on Anesthesia and Intensive Care, 1999: 55.
18. **Beilin Y.** Regional anesthesia and thrombocytopenia: How low can you go?" Syllabus for The 53rd Annual Post graduate Assembly in Anesthesiology, of the New York State Society of Anesthesiologists, 1999: A68-71.
19. **Beilin Y.** Stat cesarean section - regional versus general anesthesia. Syllabus for The 53rd Annual Post graduate Assembly in Anesthesiology, of the New York State Society of Anesthesiologists, 1999: A163-6.
20. **Beilin Y.** Stat cesarean section - regional versus general anesthesia. Problem-Based Learning Discussions for the American Society of Anesthesiologists, 2000:L-102.
21. **Beilin Y, Abramovitz S.** Elevated blood pressure in the parturient. Syllabus for The 54th Annual Post graduate Assembly in Anesthesiology, of the New York State Society of Anesthesiologists, 2000. A216-20.
22. **Beilin Y.** Stat cesarean section - regional versus general anesthesia. Syllabus for The 38th annual New York Anesthesiology Review, 2001.
23. **Beilin Y.** Obstetric anesthesia - Key words. Syllabus for The 38th annual New York Anesthesiology Review, 2001.

Proceedings of Symposia (continued):

24. **Beilin Y.** Stat cesarean section - regional versus general anesthesia. Problem-Based Learning Discussions for the American Society of Anesthesiologists, 2001:L-101.
25. **Beilin Y.** Anesthesia for cesarean section – regional or general anesthesia? Syllabus for The 55th Annual Post graduate Assembly in Anesthesiology, of the New York State Society of Anesthesiologists, 2001:A61-63.
26. **Beilin Y.** Thrombocytopenia and neuraxial analgesia. Syllabus for The 55th Annual Post graduate Assembly in Anesthesiology, of the New York State Society of Anesthesiologists, 2001;115-6.
27. **Beilin Y.** Abramovitz S. Patient with severe pre-eclampsia. Syllabus for The 55th Annual Post graduate Assembly in Anesthesiology, of the New York State Society of Anesthesiologists, 2001;136-9.
28. **Beilin Y.** Advances in labor analgesia. Syllabus for The Texas Anesthesia Conference for Obstetrics (TACO). 2002:15-23.
29. **Beilin Y.** The real world: Spinal versus epidural anesthesia for cesarean section – maternal satisfaction, non-reassuring fetal heart rate, and postoperative analgesia. Syllabus for The Texas Anesthesia Conference for Obstetrics (TACO). 2002:85-89.
30. **Beilin Y.** Evaluation of platelet function in parturients: The platelet function analyzer (PFA-100) is more reliable. Syllabus for The Texas Anesthesia Conference for Obstetrics (TACO). 2002:97-102.
31. **Beilin Y.** Stat cesarean section - regional versus general anesthesia. Syllabus for The 39th annual New York Anesthesiology Review, 2002.
32. **Beilin Y.** Obstetric anesthesia - Key words. Syllabus for The 39th annual New York Anesthesiology Review, 2002.
33. **Beilin Y.** Stat cesarean section - regional versus general anesthesia. Problem-Based Learning Discussions for the American Society of Anesthesiologists, 2001:L-68.
34. **Beilin Y.** The Patient for Cesarean Delivery Is Hemorrhaging!! Problem-Based Learning Discussions for the American Society of Anesthesiologists, 2002:L-83101.
35. **Beilin Y.** Abramovitz S. The parturient with severe pre-eclampsia. Syllabus for The 56th Annual Post graduate Assembly in Anesthesiology, of the New York State Society of Anesthesiologists, 2002;139-42.

Proceedings of Symposia (continued):

36. **Beilin Y.** Thrombocytopenia, Low Molecular Weight Heparin and Epidural Labor Analgesia: What is an Anesthesiologist To Do? Syllabus for The 57th Annual Post graduate Assembly in Anesthesiology, of the New York State Society of Anesthesiologists, 2003.
37. **Beilin Y,** Abramovitz S. Elevated blood pressure in the parturient. Syllabus for The 57th Annual Post graduate Assembly in Anesthesiology, of the New York State Society of Anesthesiologists, 2003.
38. **Beilin Y.** The Patient for Cesarean Delivery Is Hemorrhaging!! Problem-Based Learning Discussions for the American Society of Anesthesiologists, 2004:L-165.
39. **Beilin Y,** Abramovitz S. Elevated blood pressure in the parturient. Syllabus for The 58th Annual Post graduate Assembly in Anesthesiology, of the New York State Society of Anesthesiologists, 2004.
40. **Beilin Y.** Stat Cesarean Section: Regional Vs. General Anesthesia. Syllabus for the 31st Annual Virginia Apgar Seminar, 2005;1-7.
41. **Beilin Y.** Thrombocytopenia and Low Molecular Weight Heparin: Implications for Regional Anesthesia. Syllabus for the 31st Annual Virginia Apgar Seminar, 2005;61-9.
42. **Beilin Y.** Non-Obstetric Surgery During Pregnancy. Syllabus for the 31st Annual Virginia Apgar Seminar, 2005;31-39.
43. **Beilin Y.** "Non-Obstetric Surgery During Pregnancy." Syllabus for the 42nd Annual New York Anesthesiology Review, 2005.
44. **Beilin Y.** "Anesthetic Management of Preeclampsia." Syllabus for the 42nd Annual New York Anesthesiology Review, 2005.
45. **Beilin Y.** "Anesthetic Management of Peri-Partum Hemorrhage." Syllabus for the 42nd Annual New York Anesthesiology Review, 2005.
46. **Beilin Y,** Bernstein HH. "Stat Cesarean Section: Regional Vs. General Anesthesia." Syllabus for the 42nd Annual New York Anesthesiology Review, 2005.
47. **Beilin Y.** Does Neuraxial Labor Analgesia Affect Newborn Behavior and Breastfeeding? Syllabus for The 59th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, 2005.

Proceedings of Symposia (continued):

48. **Beilin Y.** Anesthetic Management of Preeclampsia. Syllabus for The 59th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, 2005.
49. **Beilin Y.** Elevated Blood Pressure in the Parturient. Syllabus for The 59th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, 2005.
50. **Beilin Y.** "Non-Obstetric Surgery During Pregnancy." Syllabus for the 43rd Annual New York Anesthesiology Review, 2006.
51. **Beilin Y.** "Anesthetic Management of Preeclampsia." Syllabus for the 43rd Annual New York Anesthesiology Review, 2006.
52. **Beilin Y.** "Anesthetic Management of Peri-Partum Hemorrhage." Syllabus for the 43rd Annual New York Anesthesiology Review, 2006.
53. **Beilin Y, Bernstein HH.** "Stat Cesarean Section: Regional Vs. General Anesthesia." Syllabus for the 43rd Annual New York Anesthesiology Review, 2006.
54. **Beilin Y.** Elevated Blood Pressure in the Parturient. Syllabus for The 60th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, 2006.
55. **Beilin Y.** "Anesthesia for the parturient for Non-Obstetric Surgery." Syllabus for the 44th Annual New York Anesthesiology Review, 2007.
56. **Beilin Y.** "Labor neuraxial analgesia: An evidence Based Approach." Syllabus for the 44th Annual New York Anesthesiology Review, 2007.
57. **Beilin Y.** "Anesthetic Management of Peri-Partum Hemorrhage." Syllabus for the 44th Annual New York Anesthesiology Review, 2007.
58. **Beilin Y, Bernstein HH.** "Preterm pregnancy complicated by hypertension." Syllabus for the 44th Annual New York Anesthesiology Review, 2007.
59. **Beilin Y.** "Anesthetic techniques for labor: an evidence based approach." Syllabus for the 33rd Annual Virginia Apgar Seminar, 2007.
60. **Beilin Y.** Thrombocytopenia and Low Molecular Weight Heparin: Implications for Regional Anesthesia. Syllabus for the 33rd Annual Virginia Apgar Seminar, 2007.
61. **Beilin Y.** Non-Obstetric Surgery During Pregnancy. Syllabus for the 33rd Annual Virginia Apgar Seminar, 2007.

Proceedings of Symposia (continued):

62. **Beilin Y.** "Anesthetic Management of the woman at risk for postpartum hemorrhage." Syllabus for Challenges in Obstetrics, Gynecology, and Women's Health Meeting 2007.

63. **Beilin Y.** Labor neuraxial analgesia: An evidence-based approach. Syllabus for The Hawaii Anesthesiology Update 2007.

64. **Beilin Y.** Thrombocytopenia and Low molecular weight heparin. Syllabus for The Hawaii Anesthesiology Update 2007.

65. **Beilin Y.** Non-obstetric surgery during pregnancy. Syllabus for The Hawaii Anesthesiology Update 2007.

66. **Beilin Y.** Management and treatment of obstetric hemorrhage. Syllabus for The Hawaii Anesthesiology Update 2007.

67. **Beilin Y.** Anesthesia for urgent cesarean delivery. Syllabus for The Hawaii Anesthesiology Update 2007.

68. **Beilin Y.** "Anesthesia for the parturient for Non-Obstetric Surgery." Syllabus for the 45th Annual New York Anesthesiology Review, 2008.

69. **Beilin Y.** "Labor neuraxial analgesia: An evidence Based Approach." Syllabus for the 45th Annual New York Anesthesiology Review, 2008.

70. **Beilin Y.** "Anesthetic Management of Peri-Partum Hemorrhage "Syllabus for the 45th Annual New York Anesthesiology Review, 2008.

71. **Beilin Y, Bernstein HH.** "Preterm pregnancy complicated by hypertension." Syllabus for the 45th Annual New York Anesthesiology Review, 2008.

72. **Beilin Y.** "Post partum headache: Differential diagnosis and treatment." Syllabus for Challenges in Obstetrics, Gynecology, and Women's Health Meeting 2008.

73. **Beilin Y.** Thrombocytopenia and Regional Analgesia for Labor – How Low Can You Go?" Syllabus for the 21st International Congress of the Israel Society of Anesthesiologists, Tel Aviv, Israel, 2008.

74. **Beilin Y.** "Anesthesia for the parturient for Non-Obstetric Surgery." Syllabus for the 45th Annual New York Anesthesiology Review, 2009.

75. **Beilin Y.** "Labor neuraxial analgesia: An evidence Based Approach." Syllabus for the 45th Annual New York Anesthesiology Review, 2009.

Proceedings of Symposia (continued):

76. **Beilin Y.** ""Anesthetic Management of Peri-Partum Hemorrhage "Syllabus for the 45th Annual New York Anesthesiology Review, 2009.

77. **Beilin Y.**, Bernstein HH. "Preterm pregnancy complicated by hypertension."Syllabus for the 45th Annual New York Anesthesiology Review, 2009.

78. **Beilin Y.** Thrombocytopenia and Regional Analgesia for Labor – How Low Can You Go?" Syllabus for Challenges in Obstetrics, Gynecology, and Women's Health Meeting 2009.

79. **Beilin Y.** "Anesthesia for the parturient for Non-Obstetric Surgery." Syllabus for the 45th Annual New York Anesthesiology Review, 2010.

80. **Beilin Y.** ""Labor neuraxial analgesia: An evidence Based Approach." Syllabus for the 45th Annual New York Anesthesiology Review, 2010.

81. **Beilin Y.** ""Anesthetic Management of Peri-Partum Hemorrhage "Syllabus for the 45th Annual New York Anesthesiology Review, 2010.

82. **Beilin Y.**, Bernstein HH. "Preterm pregnancy complicated by hypertension."Syllabus for the 45th Annual New York Anesthesiology Review, 2010.

83. **Beilin Y.** Practical Suggestions for Improving Safety In Your Unit: Safety Rounds Beyond Board Sign Out. Syllabus for the 47th Annual meeting of the Society for Obstetric Anesthesia and perinatology, Toronto, Canada, May 18, 2015.

INVITED LECTURES/PRESENTATIONS AND VISITING PROFESSORSHIPS

1. "Anesthesia for labor and delivery." Grand rounds lecture for the Division of Maternal Fetal Medicine, Department of Obstetrics and Gynecology, Mount Sinai School of Medicine, New York, NY, November 9, 1994.
2. "The bleeding patient." Lecture at The 32nd annual New York Anesthesiology Review, New York, NY, June 14, 1995.
3. "Neurologic complications in the obstetric patient." Grand rounds lecture for The Department of Anesthesiology, Englewood Hospital and Medical Center, Englewood, NJ, September 6, 1995.
4. "Update on obstetric anesthesia." Grand rounds lecture for The Department of Obstetrics and Gynecology, Mount Sinai School of Medicine, New York, NY, October 11, 1995.
5. "Nonobstetric surgery for the pregnant patient." Grand rounds lecture for The Department of Anesthesiology, Saint Barnabas Medical Center, Livingstone, NJ, November 15, 1995.
6. "Anesthesia for non-obstetrical surgery." Lecture at the 49th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 10, 1995.
7. "Update on obstetric anesthesia." Grand rounds lecture for the Department of Obstetrics and Gynecology, New York Medical *College, New York, NY, April 23, 1996.
8. "Update on obstetric anesthesia." Grand rounds lecture for the Department of Obstetrics and Gynecology, Saint Vincent's Medical Center, Staten Island, NY, May 31, 1996.
9. "A pregnant patient with an acute abdomen." Lecture at The 33rd annual New York Anesthesiology Review, New York, NY, June 14, 1996.
10. "A pregnant patient with an acute abdomen." Lecture at The 34th annual New York Anesthesiology Review, New York, NY, March 24, 1997.
11. "Nonobstetric surgery for the pregnant patient." Grand rounds lecture for The Department of Anesthesiology, Baystate Medical Center, Springfield, MA, April 17, 1997.
12. "Update on obstetric anesthesia." Grand rounds lecture for The Department of Anesthesiology, White Plains Hospital, White Plains, NY, May 6, 1997.

Invited Lectures/Presentations and Visiting Professorships (continued):

13. "Update on obstetric anesthesia." Grand rounds lecture for The Department of Anesthesiology, Maimonides Medical Center, Brooklyn, NY, August 13, 1997.
14. "Stat cesarean section - regional versus general anesthesia." Lecture at annual meeting of the American Society of Anesthesiologists, San Diego, CA, October, 21, 1997.
15. "Stat cesarean section - regional versus general anesthesia." Lecture at The 35th annual New York Anesthesiology Review, New York, NY, March 16, 1998.
16. "An update of obstetric anesthesia." Grand rounds lecture for The Department of Anesthesiology, Brookdale Hospital, Brooklyn, NY, March 24, 1998.
17. "Update on obstetrical anesthesia." Grand rounds lecture for the Department of Obstetrics and Gynecology, Lincoln Medical and Mental Health Center, New York Medical College, Bronx, NY, August 4, 1998.
18. "Stat cesarean section - regional versus general anesthesia." Lecture at the annual meeting of the American Society of Anesthesiologists, San Diego, CA, October 20, 1998.
19. "Stat cesarean section - regional versus general anesthesia." Lecture at the annual meeting of the American Society of Anesthesiologists, San Diego, CA, October 21, 1998.
20. "Stat cesarean section - regional versus general anesthesia." Lecture at The 52nd Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 15, 1998.
21. "Management of the parturient with heart disease." Lecture at the 17th annual symposium: Clinical update in anesthesia and advanced in techniques of cardiopulmonary bypass, St. Thomas. US, Virgin Islands, January 29, 1999.
22. "An update of obstetrical anesthesia." Visiting Professor and Grand rounds lecture for the Department of Anesthesiology, St. Joseph's Hospital and Medical Center, Paterson, NJ, February 18, 1999.
23. "Stat cesarean section - regional versus general anesthesia." Lecture at The 36th annual New York Anesthesiology Review, Orlando, FL, March 22, 1999.
24. "Obstetric anesthesia - Key words." Presentation at The 36th annual New York Anesthesiology Review, Orlando, FL, March 23, 1999.

Invited Lectures/Presentations and Visiting Professorships (continued):

25. "Walking epidurals and other obstetric advances." Lecture at the 24th annual meeting of the American Society of Regional Anesthesia, Philadelphia, PA, May 7, 1999.

26. "Post dural puncture headaches: Diagnosis and management." Lecture at the 24th annual meeting of the American Society of Regional Anesthesia, Philadelphia, PA, May 9, 1999.

27. "Update in obstetric anesthesia." Grand rounds lecture at the Island-wide anesthesiology forum of the Sisters of Charity Medical Center. Staten Island, NY, July 13, 1999.

28. "Stat cesarean section - regional versus general anesthesia." Lecture at the annual meeting of the American Society of Anesthesiologists, Dallas, TX, October 11, 1999.

29. "Stat cesarean section - regional versus general anesthesia." Lecture at the annual meeting of the American Society of Anesthesiologists, Dallas, TX, October 12, 1999.

30. "Thrombocytopenia and regional anesthesia for the parturient – How low can you go?" Lecture at The 12th International Symposium on Anesthesia and Intensive Care, Tel Aviv, Israel, December 8, 1999.

31. "New techniques in obstetric anesthesia." Lecture at The 12th International Symposium on Anesthesia and Intensive Care, Tel Aviv, Israel, December 9, 1999.

32. "Regional anesthesia and thrombocytopenia: How low can you go?" Panel lecture at the 53rd Postgraduate Assembly, meeting of the New York State Society of Anesthesiologists, New York, NY, December 12, 1999.

33. "Stat cesarean section - regional versus general anesthesia." Lecture at The 53rd Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 13, 1999.

34. "Post dural puncture headaches: Diagnosis and management." Visiting Professor and Grand rounds lecture for the Department of Anesthesiology, New York University School of Medicine, January 13, 2000.

35. "Regional anesthesia and thrombocytopenia: How low can you go?" Grand rounds lecture for the Department of Anesthesiology, New York Medical College, February 3, 2000.

36. "Update in obstetric anesthesia." Grand rounds lecture for the Department of Anesthesiology, Vassar Brothers Hospital, Poughkeepsie, NY, March 16, 2000.

Invited Lectures/Presentations and Visiting Professorships (continued):

37. "Thrombocytopenia and regional anesthesia for the parturient – How low can you go?" Visiting Professor and Grand rounds lecture for the Willem Luykx, MD Memorial Lecture Series of the Department of Anesthesiology at the University of Medicine and Dentistry of New Jersey, Robert Wood Johnson Medical School, New Brunswick, NJ, April 5, 2000.

38. Moderator for Case Discussions at the 32nd annual meeting of the Society for Obstetric Anesthesia and Perinatology, Montreal, Canada, June 4, 2000,

39. "Stat cesarean section - regional versus general anesthesia." Lecture at the annual meeting of the American Society of Anesthesiologists, San Francisco, CA, October 17, 2000.

40. "Advances in obstetric anesthesia." Lecture at the Fall Meeting of the 4th District of The New York State Society of Anesthesiologists, Albany, NY, November 8, 2000.

41. "Postdural puncture headache." Grand rounds lecture for the Department of Anesthesiology, Albany Medical College, Albany, NY, November 9, 2000.

42. "Labor analgesia Challenges." Lecture at The 54th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 10, 2000.

43. "Labor analgesia Challenges." Lecture at The 54th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 11, 2000.

44. "Elevated blood pressure in the parturient." Lecture at The 54th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 12, 2000.

45. "Post dural puncture headaches: Diagnosis and management." Visiting Professor and Grand rounds lecture for the Department of Anesthesiology, New York University School of Medicine, January 24, 2001.

46. "Advances in labor analgesia." Grand rounds lecture for the Department of Anesthesiology, Maimonides Medical Center, Brooklyn, NY, February 9, 2001.

47. "Advances in labor analgesia." Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 11, 2001.

48. "Stat cesarean section - regional versus general anesthesia". Lecture at The 38th annual New York Anesthesiology Review, Orlando, FL, March 12, 2001.

Invited Lectures/Presentations and Visiting Professorships (continued):

49. "Obstetric anesthesia - Key words." Presentation at The 38th annual New York Anesthesiology Review, Orlando, FL, March 12, 2001.
50. "Update in obstetric anesthesia." Grand rounds presentation for the Department of Obstetrics and Gynecology, Lehigh Valley Hospital, Allentown, PA, April 20, 2001.
51. "New Amide Local Anesthetics." Grand rounds presentation for the Departments of Anesthesiology and Surgery, St. Elizabeth's Hospital of Tufts Medical School, Brighton, MA, September 20, 2001.
52. "Safe Neuraxial Anesthesia." Panel Moderator at the annual meeting of the American Society of Anesthesiologists, New Orleans, LA, October 15, 2001.
53. "Thrombocytopenia and regional anesthesia for the parturient – How low can you go?" Lecture at the annual meeting of the American Society of Anesthesiologists, New Orleans, LA, October 15, 2001.
54. "Stat cesarean section - regional versus general anesthesia." Lecture at the annual meeting of the American Society of Anesthesiologists, New Orleans, LA, October 16, 2001.
55. "Overview of Regional Anesthesia." Lecture for District Managers at Purdue Pharmaceuticals, Stamford, CT, October 29, 2001.
56. "New Amide Local Anesthetics." Lecture for District Managers at Purdue Pharmaceuticals, Stamford, CT, October 29, 2001.
57. "Cesarean delivery: regional vs. General Anesthesia." Panel lecture at the 55th Postgraduate Assembly, meeting of the New York State Society of Anesthesiologists, New York, NY, December 9, 2001.
58. "Regional anesthesia and thrombocytopenia in the OB patient: How low can you go?" Panel lecture at the 55th Postgraduate Assembly, meeting of the New York State Society of Anesthesiologists, New York, NY, December 9, 2001.
59. "Regional anesthesia and thrombocytopenia in the OB patient: How low can you go?" Focus session lecture at the 55th Postgraduate Assembly, meeting of the New York State Society of Anesthesiologists, New York, NY, December 9, 2001.
60. "Elevated blood pressure in the parturient." Lecture at The 55th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 10, 2001.

Invited Lectures/Presentations and Visiting Professorships (continued):

61. "Thrombocytopenia and regional anesthesia for the parturient – How low can you go?" Visiting Professor and Grand rounds lecture for the Department of Anesthesia and Critical Care, Beth Israel Deaconess Medical Center of Harvard Medical School, Boston, MA, January 15, 2002.

62. "Non-obstetric surgery during pregnancy." Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 4, 2002.

63. "Non-obstetric surgery during pregnancy." Grand rounds lecture for the Departments of Anesthesiology of New York Hospital and Memorial Sloan Kettering Cancer Center of The Joan and Sanford I. Weill Medical College of Cornell University, New York, NY, February 11, 2002.

64. "Advances in labor analgesia." Lecture at the Texas Anesthesia Conference for Obstetrics (TACO 2002). Houston, TX, March 1, 2002.

65. "The real world: Spinal versus epidural anesthesia for cesarean section – maternal satisfaction, non-reassuring fetal heart rate, and postoperative analgesia." Lecture at the Texas Anesthesia Conference for Obstetrics (TACO 2002). Houston, TX, March 1, 2002.

66. "Evaluation of platelet function in parturients: The platelet function analyzer (PFA-100) is more reliable." Lecture at the Texas Anesthesia Conference for Obstetrics (TACO 2002). Houston, TX, March 1, 2002.

67. "Stat cesarean section - regional versus general anesthesia". Lecture at The 39th annual New York Anesthesiology Review, Orlando, FL, March 11, 2002.

68. "Obstetric anesthesia - Key words." Presentation at The 39th annual New York Anesthesiology Review, Orlando, FL, March 11, 2002.

69. Lecture for poster review at the 34th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Hilton Head Island, South Carolina, May 2, 2002.

70. "Advances in Obstetric Anesthesia." Grand rounds presentation for the Department of Anesthesiology, Hackensack University Medical Center, Hackensack, NJ, August 20, 2002.

71. "Stat cesarean section - regional versus general anesthesia." Lecture at the annual meeting of the American Society of Anesthesiologists, Orlando, FL, October 14, 2002.

72. "The patient for cesarean delivery is hemorrhaging." Lecture at the annual meeting of the American Society of Anesthesiologists, Orlando, FL, October 14, 2002.

Invited Lectures/Presentations and Visiting Professorships (continued):

73. "Thrombocytopenia, aspirin, and low molecular weight heparin: Maintaining the safety of neuraxial anesthesia. Lecture at the annual meeting of the American Society of Anesthesiologists, Orlando, FL, October 16, 2002.

74. "Optimizing OB Anesthesia: An Anesthesiologist's Perspective." Grand rounds presentation for the Department of Obstetrics and Gynecology and Reproductive Sciences, Mount Sinai School of Medicine of New York University, October 30, 2002.

75. "The parturient with severe preeclampsia." Lecture at The 56th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 9, 2002.

76. "Cesarean delivery: Regional vs. general anesthesia." Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 2, 2003.

77. Judge for the Gertie Marx Symposium at the 34th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Phoenix, Arizona , May 15, 2003.

78. "The complicated parturient, breakfast with the experts." Presentation at 34th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Phoenix, Arizona , May 17, 2003.

79. "Cesarean Delivery: Regional Vs. General Anesthesia." Visiting Professor and grand rounds presentation at Stony Brook University Hospital, Stony Brook, NY, June 19, 2003.

80. "Thrombocytopenia and Low Molecular Weight Heparin: Implications for Regional Anesthesia." Visiting Professor and grand rounds presentation at Stony Brook University Hospital, Stony Brook, NY, June 20, 2003.

81. "Thrombocytopenia, Low Molecular Weight Heparin and Epidural Labor Analgesia: What is an Anesthesiologist To Do?" Lecture at The 57th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 14, 2003.

82. "Elevated blood pressure in the parturient." Lecture at The 57th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 15, 2003.

83. "Post dural puncture headaches: Diagnosis and management." Lecture at the 29 Annual Spring Meeting of the American Society of Regional Anesthesia and Pain Medicine, March 12, 2004, Orlando, Florida.

Invited Lectures/Presentations and Visiting Professorships (continued):

84. Judge for Gertie Marx Symposium at the 36th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Fort Meyers, Florida, May 12, 2004.

85. Moderator for poster session at the 36th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Fort Meyers, Florida, May 12, 2004.

86. "The patient for cesarean delivery is hemorrhaging." Lecture at the annual meeting of the American Society of Anesthesiologists, Las Vegas, NV, October 25, 2004.

87. "The patient for cesarean delivery is hemorrhaging." Lecture at the annual meeting of the American Society of Anesthesiologists, Las Vegas, NV, October 26, 2004.

88. Poster Discussion Moderator, "Obstetric Anesthesia." Presented at the annual meeting of the American Society of Anesthesiologists, Las Vegas, NV, October 26, 2004.

89. "Fetal Monitoring, has it changed outcome? Lecture at The 58th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 10, 2004.

90. "Preeclampsia." Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 7, 2005.

91. "Anesthetic Management of Peri-Partum Hemorrhage." Lecture at the 31st Annual Virginia Apgar Seminar, Orlando, Florida, March 11, 2005.

92. "Stat Cesarean Section: Regional Vs. General Anesthesia. Lecture at the 31st Annual Virginia Apgar Seminar, Orlando, Florida, March 11, 2005.

93. "Thrombocytopenia and Low Molecular Weight Heparin: Implications for Regional Anesthesia." Lecture at the 31st Annual Virginia Apgar Seminar, Orlando, Florida, March 11, 2005.

94. "Non-Obstetric Surgery During Pregnancy." Lecture at the 31st Annual Virginia Apgar Seminar, Orlando, Florida, March 11, 2005.

95. "Non-Obstetric Surgery During Pregnancy." Lecture at the 42nd Annual New York Anesthesiology Review, Orlando, Florida, March 22, 2005.

96. "Anesthetic Management of Preeclampsia." Lecture at the 42nd Annual New York Anesthesiology Review, Orlando, Florida, March 22, 2005.

Invited Lectures/Presentations and Visiting Professorships (continued):

97. "Anesthetic Management of Peri-Partum Hemorrhage." Lecture at the 42nd Annual New York Anesthesiology Review, Orlando, Florida, March 22, 2005.

98. "Stat Cesarean Section: Regional Vs. General Anesthesia." Lecture at the 42nd Annual New York Anesthesiology Review, Orlando, Florida, March 22, 2005.

99. Judge for Gertie Marx Symposium at the 37th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Palm Desert, CA, May 5, 2005.

100. "Update on Obstetric Anesthesia: Myth vs. reality." Grand rounds presentation for the Department of Obstetrics and Gynecology and Reproductive Sciences, Mount Sinai School of Medicine of New York University, June 8, 2005.

101. "Does Neuraxial Anesthesia Impact on Obstetric Outcome." Grand rounds lecture for the Department of Anesthesiology, Saint Vincent Catholic Medical Centers, New York, NY, November 9, 2005.

102. "Does Neuraxial Labor Analgesia Affect Newborn Behavior and Breastfeeding?" Lecture at The 59th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 11, 2005.

103. "Anesthetic Management of Preeclampsia." Lecture at The 59th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 12, 2005.

104. "Elevated Blood Pressure in the Parturient." Lecture at The 59th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 13, 2005.

105. "Does Neuraxial Anesthesia Impact on Obstetric Outcome." Grand rounds lecture for the Department of Anesthesiology, Saint Josephs' Regional Medical Center, Paterson, NJ, January 5, 2006.

106. "Does Neuraxial Anesthesia Impact on Obstetric Outcome?" Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 6, 2006.

107. "Non-Obstetric Surgery During Pregnancy." Lecture at the 43rd Annual New York Anesthesiology Review, Orlando, Florida, March 15, 2006.

Invited Lectures/Presentations and Visiting Professorships (continued):

108. "Anesthetic Management of Preeclampsia." Lecture at the 43rd Annual New York Anesthesiology Review, Orlando, Florida, March 15, 2006.

109. "Anesthetic Management of Peri-Partum Hemorrhage." Lecture at the 43rd Annual New York Anesthesiology Review, Orlando, Florida, March 15, 2006.

110. "Management of Hypertensive crises in pregnancy." Lecture at the Critical Care Obstetric Anesthesia Workshop at the 38th annual meeting of the Society for Obstetric Anesthesia and Perinatology, Hollywood, FL, April 26, 2006.

111. "A non-particulate antacid should be used routinely in all patients undergoing cesarean section." Lecture at the 38th annual meeting of the Society for Obstetric Anesthesia and Perinatology, Hollywood, FL, April 27, 2006.

112. "Labor neuraxial analgesia: An evidence based approach." Grand rounds lecture at St. Clare's Hospital Complex, Denville, NJ, May 17, 2006.

113. Poster Discussion Moderator, "Obstetric Anesthesia: Labor analgesia." Presented at the annual meeting of the American Society of Anesthesiologists, Chicago, IL, October 16, 2006.

114. "Elevated blood pressure in the parturient." Lecture at the annual meeting of the American Society of Anesthesiologists, Chicago, IL, October 16, 2006.

115. "Elevated blood pressure in the parturient." Lecture at the annual meeting of the American Society of Anesthesiologists, Chicago, IL, October 17, 2006.

116. Poster Discussion Moderator, "Obstetric Anesthesia: Cesarean Section and Complicated Obstetrics." Presented at the annual meeting of the American Society of Anesthesiologists, Chicago, IL, October 18, 2006

117. Moderator of Gertie F. Marx Memorial Lecture on Obstetrical Anesthesia: Current Debates in Obstetrical Anesthesia. Presented at The 60th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 10, 2006.

118. "Use of Non-Particulate Antacid for Elective Cesarean Delivery." Lecture at The 60th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 10, 2006.

119. "HELLP Syndrome." Lecture at The 60th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 11, 2006.

Invited Lectures/Presentations and Visiting Professorships (continued):

120. "Elevated Blood Pressure in the Parturient." Lecture at The 60th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 11, 2006.

121. "Thrombocytopenia and Low Molecular Weight Heparin." Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 12, 2007.

122. "Anesthetic techniques for labor: an evidence based approach." Presented at the 33rd Annual Virginia Apgar Seminar, Orlando, FL, March 11, 2007.

123. "Thrombocytopenia and Low Molecular Weight Heparin: Implications for Regional Anesthesia." Presented at the 33rd Annual Virginia Apgar Seminar, Orlando, FL, March 11, 2007.

124. "Non-Obstetric Surgery During Pregnancy." Presented at the 33rd Annual Virginia Apgar Seminar, Orlando, FL, March 11, 2007.

125. "Anesthesia for the parturient for Non-Obstetric Surgery." Presented at the 44th Annual New York Anesthesiology Review, Orlando, FL March 12, 2007.

126. "Labor neuraxial analgesia: An evidence Based Approach." Presented at the 44th Annual New York Anesthesiology Review, Orlando, FL, March 12, 2007.

127. "Anesthetic Management of Peri-Partum Hemorrhage." Presented at the 44th Annual New York Anesthesiology Review, Orlando, FL, March 12, 2007.

128. "Preterm pregnancy complicated by hypertension." Presented at the 44th Annual New York Anesthesiology Review, Orlando, FL, March 12, 2007.

129. "Anesthetic Management of the woman at risk for postpartum hemorrhage." Lecture at Challenges in Obstetrics, Gynecology, and Women's Health Meeting sponsored by the Department of Obstetrics and Gynecology of Mount Sinai School of Medicine, New York, NY, April 25, 2007.

130. Lecture for poster review at the 39th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Banff, Canada, May 18, 2007.

131. "Labor neuraxial analgesia: An evidence-based approach." Lecture at The Hawaii Anesthesiology Update 2007, Maui, Hawaii, August 6, 2007.

132. "Thrombocytopenia and Low molecular weight heparin". Lecture at The Hawaii Anesthesiology Update 2007, Maui, Hawaii, August 6, 2007.

Invited Lectures/Presentations and Visiting Professorships (continued):

133. "Non-obstetric surgery during pregnancy". Lecture at The Hawaii Anesthesiology Update 2007, Maui, Hawaii, August 7, 2007.

134. "Management and treatment of obstetric hemorrhage." Lecture at The Hawaii Anesthesiology Update 2007, Maui, Hawaii, August 9, 2007.

135. "Anesthesia for urgent cesarean delivery." Lecture at The Hawaii Anesthesiology Update 2007, Maui, Hawaii, August 10, 2007.

136. Poster Discussion Moderator, "Obstetric Anesthesia: Labor analgesia." Presented at the annual meeting of the American Society of Anesthesiologists, San Francisco, CA, Chicago, IL, October 14, 2007.

136. "Obstetric Hemorrhage." Lecture at The 61st Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 10, 2007.

137. Stat cesarean delivery: Spinal vs. general Anesthesia. Lecture at The 61st Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 10, 2007.

138. Management of Obstetric Hemorrhage. Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 4, 2008.

139. "Anesthesia for the parturient for Non-Obstetric Surgery." Presented at the 45th Annual New York Anesthesiology Review, Orlando, FL March 18, 2008.

140. "Labor neuraxial analgesia: An evidence Based Approach." Presented at the 45th Annual New York Anesthesiology Review, Orlando, FL, March 18, 2008.

141. "Anesthetic Management of Peri-Partum Hemorrhage." Presented at the 45th Annual New York Anesthesiology Review, Orlando, FL, March 18, 2008.

142. "Preterm pregnancy complicated by hypertension." Presented at the 45th Annual New York Anesthesiology Review, Orlando, FL, March 18, 2008.

143. "Post partum headache: Differential diagnosis and treatment." Lecture at Challenges in Obstetrics, Gynecology, and Women's Health Meeting sponsored by the Department of Obstetrics and Gynecology of Mount Sinai School of Medicine, New York, NY, April 16, 2008.

144. Moderator for Multidisciplinary Case Forum entitled, "Obesity". Presented at the 40th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Chicago, IL April 30, 2008.

Invited Lectures/Presentations and Visiting Professorships (continued):

145. Visiting Professor at Ochsner medical center. "Thrombocytopenia and LMWH: Implications for Regional Anesthesia" and Moderator for Journal Club. New Orleans, LA, May 19-20, 2008

146. "Thrombocytopenia and Neuraxial Anesthesia". "Presented at the 1st International Symposium on Anesthesia and Critical Care, Myney Hyeshua Medical Center (MHMC), Bnei Brak, Israel, September 15, 2008.

147. "Thrombocytopenia and Regional Analgesia for Labor – How Low Can You Go?" Presented at the 21st International Congress of the Israel Society of Anesthesiologists, Tel Aviv, Israel, September 17, 2008.

148. "The time has come to Abandon the Routine Epidural test Dose for Labor." Presented at the 21st International Congress of the Israel Society of Anesthesiologists, Tel Aviv, Israel, September 17, 2008.

149. Poster Discussion Moderator, "Obstetric Anesthesia: Labor analgesia." Presented at the annual meeting of the American Society of Anesthesiologists, Orlando, FL, October 19, 2008.

150. "Obstetric Hemorrhage." Lecture at The 62nd Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 17, 2008.

151. Stat cesarean delivery: Spinal vs. general Anesthesia. Lecture at The 62nd Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 17, 2008.

152. Labor Neuraxial Analgesia: An evidence Based approach. Grand Rounds Lectures at the Tel Aviv Sourasky Medical Center, Ichalov Hospital, Tel-Aviv, Israel, Jan 20, 2009.

153. Postpartum headache: Diagnosis and Management. Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 10, 2009.

154. "Anesthesia for the parturient for Non-Obstetric Surgery." Presented at the 46th Annual New York Anesthesiology Review, Orlando, FL March 24, 2009.

155. "Labor neuraxial analgesia: An evidence Based Approach." Presented at the 46th Annual New York Anesthesiology Review, Orlando, FL, March 24, 2009.

156. "Anesthetic Management of Peri-Partum Hemorrhage." Presented at the 46th Annual New York Anesthesiology Review, Orlando, FL, March 22, 2009.

Invited Lectures/Presentations and Visiting Professorships (continued):

157. "Preterm pregnancy complicated by hypertension." Presented at the 46th Annual New York Anesthesiology Review, Orlando, FL, March 22, 2009.

158. "Thrombocytopenia and regional Anesthesia: How Low can you go?" Lecture at Challenges in Obstetrics, Gynecology, and Women's Health Meeting sponsored by the Department of Obstetrics and Gynecology of Mount Sinai School of Medicine, New York, NY, April 22, 2009.

159. Judge for the Gertie Marx Symposium at the 41st Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Washington, DC, April 30, 2009.

160. Moderator for poster discussion section at the 41st Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Washington, DC, April 31, 2009.

161. "Labor neuraxial analgesia: An evidence Based Approach." Grand Rounds Lecture for Department of Anesthesiology, St. Josephs' Medical center, Paterson, NJ, June 11, 2009

162. Placenta Accreta and Maternal Hemorrhage. Lecture and panelist at the annual meeting of the American Society of Anesthesiologists, New Orleans, LA, October 19, 2009.

163. "Postdural Puncture Headache." Lecture at The 63nd Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 14, 2009.

164. Stat cesarean delivery: Spinal vs. general Anesthesia. Lecture at The 63nd Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 14, 2009.

165. A Special Lecture" "An update on Obstetric Anesthesia". Lecture at the 28th Annual Symposium: Clinical update in anesthesiology, surgery and perioperative medicine, Paradise Island, Bahamas, January 22, 2010.

166. "Anesthesia for the parturient for Non-Obstetric Surgery." Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 1, 2010.

167. "Anesthesia for the parturient for Non-Obstetric Surgery." Presented at the 47th Annual New York Anesthesiology Review, Orlando, FL March 15, 2010.

168. "Labor neuraxial analgesia: An evidence Based Approach." Presented at the 47th Annual New York Anesthesiology Review, Orlando, FL, March 15, 2010.

Invited Lectures/Presentations and Visiting Professorships (continued):

169. "Anesthetic Management of Peri-Partum Hemorrhage." Presented at the 47th Annual New York Anesthesiology Review, Orlando, FL, March 15, 2010.

170. "Preterm pregnancy complicated by hypertension." Presented at the 47th Annual New York Anesthesiology Review, Orlando, FL, March 15, 2010.

171. Judge for Gertie Marx Research competition at the 42nd Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, San Antonio, TX, May 13, 2010.

172. Moderator for "Breakfast with the Experts" session at the 42nd Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, San Antonio, TX, May 16, 2010.

173. "Thrombocytopenia and Regional anesthesia: How low can you go?" Grand Rounds Lecture for Department of Anesthesiology, St. Josephs' Medical center, Paterson, NJ, September 2, 2010.

174. "Thrombocytopenia and Low Molecular Weight heparin: Implications for Neuraxial Anesthesia. Refresher Course Lecture at the annual meeting of the American Society of Anesthesiologists, San Diego, CA, October 17, 2010.

175. "Severe Preeclampsia." Lecture at the annual meeting of the American Society of Anesthesiologists, San Diego, CA, October 18, 2010.

176. Focus session moderator: Challenges in obstetric anesthesia: Preventing maternal death and The Joint Commission Sentinel alert. Moderator at The 64th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 13, 2010.

177. Stat cesarean delivery: Spinal vs. general Anesthesia. Lecture at The 64th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 13, 2010.

178. Maternal hemorrhage. Lecture at The 64th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 13, 2010.

179. Thrombocytopenia and Neuraxial Anesthesia: Implications for the anesthesiologist. Grand Rounds Lecture for Department of Anesthesiology at the Tel Aviv Sourasky Medical Center, Ichalov Hospital, Tel-Aviv, Israel, Jan 24, 2011.

180. Labor Neuraxial Analgesia: An evidence Based approach. Grand Rounds Lecture for Department of Anesthesiology at Shaare Zedek Medical center, Israel, Jan 27, 2011.

Invited Lectures/Presentations and Visiting Professorships (continued):

181. A practical Approach to Obstetric Anesthesia: What every obstetrician should know. Grand rounds lecture for The Department of Obstetrics and Gynecology, Mount Sinai School of Medicine, New York, NY, March 2, 2011.

182. "Anesthesia for the parturient for Non-Obstetric Surgery." Presented at the 48th Annual New York Anesthesiology Review, Orlando, FL March 29, 2011.

183. "Thrombocytopenia in the Parturient: Implications for neuraxial anesthesia." Presented at the 47th Annual New York Anesthesiology Review, Orlando, FL, March 29, 2011.

184. "Anesthetic Management of Peri-Partum Hemorrhage." Presented at the 48th Annual New York Anesthesiology Review, Orlando, FL, March 29, 2011.

185. "Preterm pregnancy complicated by hypertension." Presented at the 48th Annual New York Anesthesiology Review, Orlando, FL, March 29, 2011.

186. Moderator for Workshop: "Thromboelastogram in Obstetric and Non-Obstetric Anesthesia" at the 22nd International Congress of the Israel Society of Anesthesiologists, Tel Aviv, Israel, September 13, 2011.

187. "Platelet Function in High Risk Obstetrics." Presented at the 22nd International Congress of the Israel Society of Anesthesiologists, Tel Aviv, Israel, September 13, 2011.

188. "Management of Postdural Puncture Headache: What is the Evidence?" Presented at the 22nd International Congress of the Israel Society of Anesthesiologists, Tel Aviv, Israel, September 14, 2011.

189. "Thrombocytopenia and Neuraxial Anesthesia: Implications for the Obstetric Anesthesiologist." Presented at the 22nd International Congress of the Israel Society of Anesthesiologists, Tel Aviv, Israel, September 15, 2011.

190. "Thrombocytopenia and Low Molecular Weight heparin: Implications for Neuraxial Anesthesia. Refresher Course Lecture at the annual meeting of the American Society of Anesthesiologists, Chicago, IL, October 19, 2011.

191. "WHO Alert on Postpartum Hemorrhage: Protocols-Preparation-Novel Therapies." Lecture at the annual meeting of the American Society of Anesthesiologists, San Diego, CA, October 17, 2011.

192. Focus session moderator: Challenges in obstetric anesthesia: Moderator at The 65th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 12, 2011.

Invited Lectures/Presentations and Visiting Professorships (continued):

193. "Postdural Puncture Headache." Lecture at The 65nd Postgraduate Assembly in Anesthesiology, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 13, 2011.

194. Stat cesarean delivery: Spinal vs. general Anesthesia. Lecture at The 65th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 13, 2011.

195. "Anesthesia for the parturient for Non-Obstetric Surgery." Presented at the 49th Annual New York Anesthesiology Review, Orlando, FL March 19, 2012.

196. "Thrombocytopenia in the Parturient: Implications for neuraxial anesthesia." Presented at the 47th Annual New York Anesthesiology Review, Orlando, FL, March 19, 2012.

197. "Anesthetic Management of Peri-Partum Hemorrhage." Presented at the 48th Annual New York Anesthesiology Review, Orlando, FL, March 19, 2012.

198. "Preterm pregnancy complicated by hypertension." Presented at the 48th Annual New York Anesthesiology Review, Orlando, FL, March 19, 2012.

199. "Inadequate Labor Analgesia: Fixing a Bad Epidural." Presented at the 2012 Sol Shnider, M.D. Obstetric Anesthesia Meeting, San Francisco, CA, March 23, 2012.

200. "Previous Cesarean Delivery: Implications of Accreta and Uterine Rupture. Presented at the 2012 Sol Shnider, M.D. Obstetric Anesthesia Meeting, San Francisco, CA, March 25, 2012.

201. "Platelets and Epidurals: Latest Recommendations." Presented at the 2012 Sol Shnider, M.D. Obstetric Anesthesia Meeting, San Francisco, CA, March 25, 2012.

202. "Alert on Postpartum Hemorrhage: Protocols-Preparation-Novel Therapies." Presented at the Annual meeting of the International Anesthesia Research Society (IARS). Boston, MA, May 18, 2012.

203. "Thrombocytopenia and Low Molecular Weight heparin: Implications for Neuraxial Anesthesia. Refresher Course Lecture at the annual meeting of the American Society of Anesthesiologists, Washington, DC, October 14, 2012.

204. "Major Obstetric Hemorrhage." Moderator of clinical forum at the annual meeting of the American Society of Anesthesiologists, Washington, DC, October 16, 2012.

Invited Lectures/Presentations and Visiting Professorships (continued):

205. Stat cesarean delivery: Spinal vs. general Anesthesia. Lecture at The 66th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 17, 2012.

206. Focus session moderator: Challenges in obstetric anesthesia: Moderator at The 66th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 17, 2012.

207. "Thrombocytopenia and Low Molecular Weight heparin: Implications for Neuraxial Anesthesia. Lecture at The 66th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 17, 2012.

208. "Thrombocytopenia and Low Molecular Weight heparin: Implications for Neuraxial Anesthesia. Grand rounds lecture for the Department of Anesthesiology, New York University School of Medicine, NYU Langone Medical Center School of Medicine, January 30, 2013.

209. "Thrombocytopenia in the Parturient: Implications for neuraxial anesthesia." Presented at the Current Anesthesia Practice Meeting, New York, NY, March 18, 2013.

210. "Anesthetic Management of Peri-Partum Hemorrhage." Presented at the Current Anesthesia Practice Meeting, New York, NY, March 18, 2013.

211. "Post partum headache." Presented at the Current Anesthesia Practice Meeting, New York, NY, March 18, 2013.

212. "Anesthesia for the parturient for Non-Obstetric Surgery." Presented at the 49th Annual New York Anesthesiology Review, Orlando, FL March 19, 2013.

213. "Thrombocytopenia in the Parturient: Implications for neuraxial anesthesia." Presented at the 47th Annual New York Anesthesiology Review, Orlando, FL, March 19, 2013.

214. "Anesthetic Management of Peri-Partum Hemorrhage." Presented at the 48th Annual New York Anesthesiology Review, Orlando, FL, March 19, 2013.

215. "Preterm pregnancy complicated by hypertension." Presented at the 48th Annual New York Anesthesiology Review, Orlando, FL, March 19, 2013.

216. "Musings of an Obstetric Anesthesia: A 25 year perspective. Presented as a Grand Rounds Presentation for the Department of Obstetrics, Gynecology and Reproductive Sciences, Icahn School of Medicine, New York, NY, April 10, 2013.

Invited Lectures/Presentations and Visiting Professorships (continued):

217. Soap Pro-Con Debate. "General anesthesia is the technique of choice for suspected placenta accreta". Presented at the 45th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, San Juan, Puerto Rico, April 28, 2013.

218. "Postpartum headache: Whose Headache Is It?" Resident Seminar for the Department of Anesthesiology, McGill University School of Medicine, Montreal, Quebec, Canada, October 2, 2013.

219. "Obstetric Hemorrhage." Wesley Bourne Memorial Lecture, Department of Anesthesiology, McGill University School of Medicine, Montreal, Quebec, Canada, October 2, 2013.

220. "Thrombocytopenia and Low Molecular Weight heparin: Implications for Neuraxial Anesthesia." Grand Rounds presentation for Department of Anesthesiology and Obstetrics, McGill University School of Medicine, Montreal, Quebec, Canada, October 3, 2013.

221. "Just Another Day on Labor and Delivery." Moderator of clinical forum at the annual meeting of the American Society of Anesthesiologists, San Francisco, CA, October 14, 2013.

222. "External Cephalic Version." Lecture at the annual meeting of the American Society of Anesthesiologists, San Francisco, CA, October 14, 2013

223. "Thrombocytopenia and Low Molecular Weight heparin: Implications for Neuraxial Anesthesia. Refresher Course Lecture at the annual meeting of the American Society of Anesthesiologists, San Francisco, CA, October 16, 2013.

224. "Stat cesarean delivery: Spinal vs. general Anesthesia." Lecture at The 67th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 16, 2013.

225. Focus session moderator: Challenges in obstetric anesthesia: Moderator at The 67th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 16, 2013.

226. "External Cephalic Version." Lecture at The 67th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 16, 2013.

227. "Nonobstetric surgery During Pregnancy." Lecture at 32nd Annual Symposium: Clinical Update in Anesthesiology, Surgery and Perioperative Medicine, Nassau, Bahamas, January 22, 2014.

Invited Lectures/Presentations and Visiting Professorships (continued):

228. "Obstetric Hemorrhage." Grand rounds lecture at Metropolitan Hospital, New York, NY, March 6, 2014.

229. "Safety Rounds Beyond Board Sign Out." Lecture at the 47th Annual meeting of the Society for Obstetric Anesthesia and perinatology, Toronto, Canada, May 18, 2014.

230. Moderator for safety session, "Practical Suggestions for Improving Safety In Your Unit." Session at the 47th Annual meeting of the Society for Obstetric Anesthesia and perinatology, Toronto, Canada, May 18, 2014.

231. "Postpartum headache". Grand Rounds Lecture for Department of Anesthesiology at Shaare Zedek Medical center, Israel, September 15, 2014.

232. "Thrombocytopenia and neuraxial anesthesia". Refresher course lecture at the 23rd International Congress of the Israel Society of Anesthesiologists & Critical Care, Tel-Aviv, Israel, September 17, 2014.

233. "My mom is still in pain". Lecture at the 23rd International Congress of the Israel Society of Anesthesiologists & Critical Care, Tel-Aviv, Israel, September 17, 2014.

234. "Anesthesia for Nonobstetric Surgery and Procedures." Refresher course lecture at the Annual meeting of the American Society of Anesthesiologists, New Orleans, LA, October 12, 2014.

235. "Failed Labor Epidural: Where, Oh Where Did My Pesky Catheter Go?" Lecture at the Annual meeting of the American Society of Anesthesiologists, New Orleans, LA, October 13, 2014.

236. "Basic Considerations for the Occasional Obstetric Anesthesiologist." Session moderator at the Annual meeting of the American Society of Anesthesiologists, New Orleans, LA, October 13, 2014.

237. "Stat cesarean delivery: Spinal vs. general Anesthesia." Lecture at The 68th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 15, 2014.

238. Focus session moderator: Advise for the Occasional Labor Floor Anesthesiologist: Moderator at The 68th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 15, 2014.

239. "Labor Analgesia: Keeping your Customers Satisfied." Lecture at The 68th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 15, 2014.

Invited Lectures/Presentations and Visiting Professorships (continued):

240. Moderator for Journal club, "Obstetric hemorrhage." Mount Sinai Roosevelt Hospital, New York ,NY, March 17, 2015.

241. "Obstetric Hemorrhage." Grand rounds lecture for Department of Anesthesiology. Mount Sinai Roosevelt Hospital, New York, NY, March 17, 2015.

242. "Non-Obstetric Surgery During Pregnancy." Lecture at the 41st Annual Virginia Apgar Seminar, Obstetric Anesthesia and Care of the Newborn. Orlando, Florida, March 20, 2015.

243. "Maternal Hemorrhage." Lecture at the 41st Annual Virginia Apgar Seminar, Obstetric Anesthesia and Care of the Newborn. Orlando, Florida, March 20, 2015.

244. "External Cephalic Version." Lecture at the 41st Annual Virginia Apgar Seminar, Obstetric Anesthesia and Care of the Newborn. Orlando, Florida, March 20, 2015.

245. "Maternal safety bundles." Moderator for session at the 47th annual meeting for the meeting of the Society for Obstetric Anesthesia and Perinatology, Colorado Springs, CO, May 14, 2015.

246. "Labor Analgesia Techniques and Thrombocytopenia." Lecture at the 2015 Armed forces district Annual Meeting for the American College of Obstetricians and Gynecologists. Norfolk, Virginia, October 21, 2015.

247. "General Anesthesia for Placenta Accreta: Always or Never." Lecture at the Annual meeting of the American Society of Anesthesiologists, San Diego, CA, New Orleans, LA, October 25, 2015.

248. "Leading the way to success on labor and delivery: What every obstetric anesthesiologist must know." Moderator at the Annual meeting of the American Society of Anesthesiologists, San Diego, CA, New Orleans, LA, October 25, 2015.

249. "Anesthesia for Nonobstetric Surgery and Procedures." Refresher course lecture at the Annual meeting of the American Society of Anesthesiologists, San Diego, CA, October 26, 2015.

250. "Safety rounds: beyond board sign out." Lecture at the Annual meeting of the American Society of Anesthesiologists, San Diego, CA, New Orleans, LA, October 26, 2015.

251. "postpartum headache." Grand Rounds Lecture for Department of Anesthesiology, St. Josephs' Medical center, Paterson, NJ, November 19, 2015.

Invited Lectures/Presentations and Visiting Professorships (continued):

252. "Stat cesarean delivery: Spinal vs. general Anesthesia." Lecture at The 69th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 14, 2015.

253. Focus session moderator: Problems in Obstetric Anesthesia Moderator at The 69th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 15, 2015.

254. "Obstetric Hemorrhage." Lecture at The 69th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 15, 2015.

255. "Postpartum Headache." Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 22, 2016.

256. "What every obstetrician should know about obstetric anesthesia." Grand rounds lecture for the Department of Obstetrics and Gynecology Mount Sinai-Beth Israel Hospital, New York, NY. April 20, 2016.

257. "Moderator for Poster Discussion" at the 48th annual meeting for the meeting of the Society for Obstetric Anesthesia and Perinatology, Boston, MA, May 19, 2016.

258. "Postpartum Headache." Grand rounds lecture for the Department of Anesthesiology, Maimonides Medical Center, Brooklyn, NY, September 21, 2016.

259. "Anesthesia for Nonobstetric Surgery and Procedures." Refresher course lecture at the Annual meeting of the American Society of Anesthesiologists, Chicago, IL, October 26, 2016.

260. "What's new in Obstetric Hemorrhage?" The Gertie F. Marx Memorial Lecture at the 70th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 9, 2016.

261. Focus session moderator: Current issues in Obstetric Anesthesia moderator at The 70th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 12, 2016.

262. "Obstetric Hemorrhage Safety Bundles." Lecture at The 70th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 12, 2016.

Invited Lectures/Presentations and Visiting Professorships (continued):

263. "Stat cesarean delivery: Spinal vs. general Anesthesia." Lecture at The 70th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 12, 2016.

264. "Obstetric Hemorrhage" Grand Rounds Lecture for Department of Anesthesiology, St. Josephs' Medical center, Paterson, NJ, January 5, 2017.

265. "What's new in Obstetric Hemorrhage" Grand Rounds Lecture for Department of Anesthesiology, Beilinson Hospital, Rabin Medical Center, Petah Tikva, Israel, January 9, 2017.

266. "Anesthesia for Nonobstetric Surgery." SOAP Virtual grand Rounds. February 8, 2017.

267. "Moderator for Poster Discussion" at the 49th annual meeting for the meeting of the Society for Obstetric Anesthesia and Perinatology, Bellevue, Seattle, May 12, 2017.

268. "Anesthesia for Non-obstetric Surgery and Procedures." Refresher course lecture at the Annual meeting of the American Society of Anesthesiologists, Boston, MA, October 23, 2017.

269. "Low Platelet Count and Labor Analgesia" Lecture at the 24th International Conference of the Israeli Society of Anesthesiologists, Tel Aviv, Israel, Nov 7, 2017.

270. "Pain and Analgesics in Special Circumstances." Lecture at the 24th International Conference of the Israeli Society of Anesthesiologists, Tel Aviv, Israel, Nov 7, 2017.

271. "What's New in Obstetric Anesthesia: 2016 in Review and Focused Discussion." Lecture at the 24th International Conference of the Israeli Society of Anesthesiologists, Tel Aviv, Israel, Nov 8, 2017

272. Focus session moderator: Current issues in Obstetric Anesthesia moderator at The 71st Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 11, 2017.

273. "Stat cesarean delivery: Spinal vs. general Anesthesia." Lecture at The 71st Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 11, 2017.

274. "Labor Analgesia, What to expect." Lecture for the Refuah Health Center, New Square, New York, February 7, 2018.

Invited Lectures/Presentations and Visiting Professorships (continued):

275. "Anesthesia for Non-obstetric Surgery During Pregnancy." Grand rounds lecture for Department of Anesthesia, Critical Care and Pain Medicine, Massachusetts General Hospital, Harvard medical School, February 15, 2018.

276. "Department of Anesthesiology, perioperative and pain medicine: Quality Improvement Program. Lecture for Quality Leadership Council of The Mount Sinai Health System. Mount Sinai West, New York, NY, March 23, 2018.

MEDIA RESOURCE EDUCATIONAL MATERIALS:

1. Organized the internet site for the Obstetric Anesthesia Fellowship at Mount Sinai Hospital. http://www.mssm.edu/anesthesiology/obs_fellowship.shtml.

2. **Beilin Y.** Effects on newborn behavior and the impact on breastfeeding. Audio-Digest Recording. 2006 volume 48.

3. **Beilin Y.** Expert opinion Lowest platelet count for labor epidural placement. SOAP website, 2011.

4. Beilin, Y. Patient Safety Committee: "How We Do It" Expert Opinion Management of Obstructive Sleep Apnea and Morbid Obesity on Labor and Delivery. SOAP Newsletter, Winter 2018.

WEB BASED PUBLICATIONS:

1. Mount Sinai Departmental website for the Division of Obstetric Anesthesia http://www.mssm.edu/anesthesiology/obstetric_anesthesia/departm

2. Wax DB, Schaner D, Hossain S, Bodian CA, Reich DL, **Beilin Y.** Intraoperative Factors Associated with Development of Surgical Site Infection after Colorectal Surgery. The Internet Journal of Anesthesiology 2009;20.

3. **Beilin Y,** Mahoney B. The iatrogenically anti-coagulated parturient. In: Fleisher L, Hawkins J., eds. Decision Support in Medicine, 2014.
Access at : <https://www.decisionsupportinmedicine.com/>

CLINICAL TEACHING PORTFOLIO

PAPERS PRESENTED AT NATIONAL MEETINGS INCLUDING ABSTRACTS:

1. **Beilin Y**, Bernstein HH, Mayer L. Serum Levels of Tumor necrosis factor, Interleukin-1, Interleukin-2 and Interleukin-6 in the parturient with preeclampsia. Presented at The Northeast Anesthesia Resident Conference, Sarasota Springs, NY, , April 19, 1991.

2. **Beilin Y**, Rosenblatt MA, Lagmay-Aroesty MM, Bernstein HH, Bodian CA. The need for a pre-labor anesthesia interview in the parturient. Presented at the International Anesthesia Research Society 68th Congress, Orlando, Florida, March 1994.
Abstract: Anesth Analg 1994;78:S27.

3. Ammar T, **Beilin Y**. Anesthesia for the parturient with a single ventricle. Presented at The 12th Annual Symposium and Clinical Update in Anesthesiology and Advances in Techniques in Cardiopulmonary Bypass, St. Thomas, USVI, January 1994.

4. **Beilin Y**, Bernstein HH, Nahmias N. How far should a multi-orifice epidural catheter be threaded into the epidural space. Presented at the 24th annual meeting of The Society for Obstetrical Anesthesia and Perinatology meeting, Philadelphia, PA, May 1994.

5. **Beilin Y**, Bernstein HH. How far should a multi-orifice epidural catheter be threaded into the epidural space. Presented at The International Anesthesia Research Society 69th Congress, Honolulu, Hawaii, March 1995.
Abstract: Anesth Analg 1995;80:S32.

6. **Beilin Y**, Leibowitz, AB, Haddad EM, Bodian CA. Clinical use of the bleeding time test in obstetric anesthesia. Presented at The American Society of Anesthesiologists annual meeting, Atlanta, GA, October 1995.
Abstract: Anesthesiology 1995;83:A1057.

7. **Beilin Y**, Kim J, Bernstein HH, Zenzen WJ, B. Zucker-Pinchoff B, Kahn PJ. Failure of subhypnotic doses of propofol to treat pruritus induced by intrathecal morphine following cesarean section. Presented at The International Anesthesia Research Society 70th Congress, Washington, DC, March 1996.
Abstract: Anesth Analg 1996;82:S22.

Papers presented at national meetings including abstracts (continued):

8. **Beilin Y**, Bernstein HH, Zucker-Pinchoff B, Zahn J, Zenzen WJ. Treatment of incomplete analgesia after placement of an epidural anesthetic for the woman in labor. Presented at the 26th annual meeting of The Society for Obstetrical Anesthesia and Perinatology meeting, Tucson, AZ, May 1996.

9. **Beilin Y**, Leibowitz AB, Haddad EM, Bodian, CA. Practice patterns of anesthesiologists regarding situations in obstetric anesthesia where clinical management is controversial. Presented at the 26th annual meeting of The Society for Obstetrical Anesthesia and Perinatology meeting, Tucson, AZ, May 1996.

10. Dimich I, Neustein S, Bernstein HH, **Beilin Y**, Shiang H. Cardiovascular consequences of the concomitant administration of nifedipine and magnesium in pigs. Presented at The American Society of Anesthesiologists annual meeting, New Orleans, LA, October 1996.

Abstract: Anesthesiology 1996;85:A880.

11. **Beilin Y**, Leibowitz AB, Haddad EM, Bodian, CA. Practice patterns of anesthesiologists regarding situations in obstetric anesthesia where clinical management is controversial. Presented at The American Society of Anesthesiologists annual meeting, New Orleans, LA, October 1996.

Abstract: Anesthesiology 1996;85:A872.

12. **Beilin Y**, Bernstein HH, Zucker-Pinchoff B, Zahn J, Zenzen WJ. Treatment of incomplete analgesia after placement of an epidural anesthetic for the woman in labor. Presented at The International Anesthesia Research Society 71st Congress, San Francisco, CA, March 1997.

Abstract: Anesth Analg 1997;84:S381.

13. Zahn J, Zuccarelli M, **Beilin Y**. Regional anesthesia in parturients with platelet counts $< 100,000 \text{ mm}^{-3}$. Presented at The International Anesthesia Research Society 71st Congress, San Francisco, CA, March 1997.

Abstract: Anesth Analg 1997;84:S414.

14. Zahn J, Zuccarelli M, **Beilin Y**. Regional anesthesia in parturients with platelet counts $< 100,000 \text{ mm}^{-3}$. Presented at The 4th annual America-Japan Anesthesia Congress, San Francisco, CA, March 1997.

15. Freedman G, Bautista-Davis EC, **Beilin Y**, Holtzberg N. The optimal method to administer the visual analogue scale (VAS). Presented at The annual meeting for the American Society of Regional Anesthesia, Atlanta GA, April 12, 1997.

Abstract: Reg Anesth 1997;22:S33.

Papers presented at national meetings including abstracts (continued):

16. **Beilin Y**, Mukherjee T, Andres LA, Vincent RD, Hock DL, Sparks AET, Munson AK, Minnich ME, Steinkampf MP. Use of propofol probably does not effect pregnancy outcome following gamete intrafallopian transfer (gift). Presented at the 29th annual meeting of The Society for Obstetrical Anesthesia and Perinatology, Bermuda, April, 1997.

17. **Beilin Y**, Mukherjee T, Andres LA, Vincent RD, Hock DL, Sparks AET, Munson AK, Minnich ME, Steinkampf MP. Use of propofol probably does not effect pregnancy outcome following gamete intrafallopian transfer (gift). Presented at The American Society of Anesthesiologists annual meeting, San Diego, CA, October, 1997.
Abstract: Anesthesiology 1997;87:A884.

18. **Beilin Y**, Andres LA, Comerford BA. Epidural analgesia with and without fentanyl during labor does not impact on infant breast feeding. Presented at the 4th International Congress of the European Society of Obstetric Anesthesiology, Herzlyia, Israel, November, 1997.

19. **Beilin Y**, Andres LA, Comerford BA, Salerno JL. Epidural analgesia with and without fentanyl during labor does not impact on infant breast feeding. Presented at The International Anesthesia Research Society 72nd Congress, Orlando, FL, March 1998.
Abstract: Anesth Analg 1998;86:S363

20. Zahn J, **Beilin Y**, Bernstein HH, Andres LA, Salerno J, Bodian CA, Telfeyan C. Comparison of non-invasive blood pressure measurements during cesarean section. Presented at The International Anesthesia Research Society 72nd Congress, Orlando, FL, March 1998.
Abstract: Anesth Analg 1998;86:S391.

21. Galea MA, **Beilin Y**, Zahn J, Bernstein HH. The optimal dose of epidural ropivacaine for use during labor and delivery. Presented at the 30th annual meeting of The Society for Obstetrical Anesthesia and Perinatology, Vancouver, BC, Canada, May 1. 1998.

22. Galea MA, **Beilin Y**, Zahn J, Bernstein HH. The optimal dose of epidural ropivacaine for use during labor and delivery. Presented at The American Society of Anesthesiologists annual meeting, Orlando, FI, October 19, 1998.
Abstract: Anesthesiology 1998;89:A81021.

23. **Beilin Y**, Friedman F, Bernstein HH, Andres LA, Bodian CA. The obstetrician group, not epidural analgesia, influences the cesarean section rate for the nulliparous woman in labor. Presented an The International Anesthesia Research Society 73rd Congress, Los Angeles, CA, March 13, 1999.
Abstract: Anesth Analg 1999;88:S249.

Papers presented at national meetings including abstracts (continued):

24. Zahn J, Abramovitz SE, Bernstein HH, **Beilin Y**. Subarachnoid fentanyl with low dose bupivacaine vs. lidocaine for cervical cerclage. Presented at the 31st annual meeting of The Society for Obstetrical Anesthesia and Perinatology, Denver, CO, May 22, 1999.
Abstract: Anesthesiology 1999;90:A24.

25. **Beilin Y**, Abramovitz S, Zahn J, Bernstein HH. The effect of patient position, lateral vs. supine, on the quality of labor epidural analgesia. Presented at the 18th International Congress of the of the Israel Society of Anesthesiologists, Haifa, Israel, June 22, 1999.

26. Abramovitz SE, Zahn J, Enis S, Bernstein HH, **Beilin Y**. The effect of patient position, lateral vs. supine, on the quality of labor epidural analgesia. Presented at The American Society of Anesthesiologists annual meeting, Dallas, TX, October 11, 1999.
Abstract: Anesthesiology 1999;91:A1078.

27. Ekwa-Ekoko C, Abramovitz A, **Beilin Y**, Holzman I, Weiser J, Kavanagh N. Labor epidural fentanyl and newborn breast-feeding. Presented at The Annual Meeting of the Society for Pediatric Research, Boston, MA, May 12, 2000
Abstract: Pediatr Res 2000;47:A187.

28. Zahn J, Arnold I, Hossain S, Bernstein HH, **Beilin Y**. The Quality of Analgesia When Air Vs. Saline Is Used for Identification of the Epidural Space. Presented at The American Society of Anesthesiologists annual meeting, San Francisco, CA, October 17, 2000.
Abstract: Anesthesiology 2000;93:A1100.

29. Zahn J, Bernstein HH, Telfeyan C, Arnold I, **Beilin Y**. Subarachnoid low dose bupivacaine vs. lidocaine, with fentanyl, for cervical cerclage. Presented an The International Anesthesia Research Society 75th Congress, Ft. Lauderdale, Florida, March 19,2001.
Abstract: Anesth Analg 2001;92:S224.

30. Nair A, Arnold I, Bernstein HH, Telfeyan C, **Beilin Y**. The optimal epidural infusion following the combined spinal epidural technique for labor. Presented at the 33rd Annual Meeting of The Society for Obstetrical Anesthesia and Perinatology, San Diego, California, April 26, 2001.
Abstract: Anesthesiology 2001;94:A10.

31. Nair A, Arnold I, Goolie-Scindain J, Bodian CA, Hossain S, **Beilin Y**. Evaluation of platelet function in the parturient using the platelet function analyzer (PFA-100®). Presented at the 33rd Annual meeting of The Society for Obstetrical Anesthesia and Perinatology, San Diego, California, April 28, 2001.
Abstract: Anesthesiology 2001;94:A78.

Papers presented at national meetings including abstracts (continued):

32. Nair A, Arnold I, Bernstein HH, Zahn J, Beilin Y. The optimal epidural infusion following the combined spinal epidural technique for labor. Presented at The American Society of Anesthesiologists annual meeting, New Orleans, LA, October 15, 2001.
Abstract: Anesthesiology 2001; 95:A1058

33. Martin G, Beilin Y, Holzman I, Ekwa-Ekoko C, Arnold I, Weiser J. Does maternal epidural fentanyl affect breastfeeding? Presented at the Greater New York Conference on Perinatal Research, November 7, 2002.

34. Beilin Y, Weiser J, Martin G, Bernstein HH, Arnold I, Zahn J, Holzman I. The Effect Of Epidural Anesthesia With And Without Fentanyl On Infant Breast Feeding: A Prospective, Randomized, Double-Blind Study. Presented at the 37th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Palm Desert, CA, May 6, 2005.
Abstract: Anesthesiology 2005;102:A52.

35. Beilin Y, Guinn NR, Arnold I, Zahn J, Bernstein HH. Local anesthetics and obstetric outcome: ropivacaine vs. levobupivacaine vs. bupivacaine: A prospective randomized double-blind study. Presented at the 37th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Palm Desert, CA, May 6, 2005.
Abstract: Anesthesiology 2005;102:A75.

36. Beilin Y, Arnold I, Hossain S. Evaluation of The Platelet Function Analyzer (PFA-100®) vs. the thromboelastogram (TEG) in the Parturient. Presented at the 37th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Palm Desert, CA, May 7, 2005.
Abstract: Anesthesiology 2005;102:A48.

37. Wax D, Beilin Y, Krol M, Reich DL. Infrequent Use of Insulin Therapy for Intraoperative Hyperglycemia in an Academic Medical Center. Presented at The American Society of Anesthesiologists annual meeting, New Orleans, LA, October 25, 2005.
Abstract: Anesthesiology 2005;102:A48.

38. Torrillo T, Bronster DJ, Beilin Y. Posterior reversible encephalopathy syndrome (PRES): A complicated case of post-partum headache. Presented at the 38th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Hollywood, FL, April 28, 2006. Abstract: Anesthesiology 2006;104:A96.

Papers presented at national meetings including abstracts (continued):

39. Tumuluri S, **Beilin Y.** Vaginal Delivery Complicated By Severe Hemorrhage Requiring Recombinant Factor VIIa And Pulmonary Hypertension Necessitating A Right Ventricular Assist Device. Presented at the 39th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Banff, Canada, May 19, 2007
Abstract: Anesthesiology 2007;106:A242.

40. Varnado-Rhodes Y, Liao M, Tumuluri SS, Scher C, **Beilin Y.** Vaginal Delivery Complicated By Severe Hemorrhage Requiring Recombinant Factor VIIa And Pulmonary Hypertension Necessitating A Right Ventricular Assist Device. Presented at The American Society of Anesthesiologists Annual Meeting, Orlando, FL, October 16, 2007.

41. Mungall D, **Beilin Y.** A survey of anesthesiologists and nurses attitudes toward the implementation of an Anesthesia Information Management System on a labor and delivery floor. Presented at the 40th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Chicago, IL April 30, 2008.

42. Mungall D, **Beilin Y.** The Effect of Degree of Labor Pain at Time of Labor Neuraxial Analgesia on Mode of Delivery in women admitted for induction of labor. Presented at the 40th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Chicago, IL April 30, 2008.

43. Epstein, J, **Beilin Y.** Are serial platelet counts warranted in preeclamptic women? Presented at the 41th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Washington, DC, April 30, 2009.

44. Mungall D, **Beilin Y.** The Association of the Degree of Labor Pain at the Time of Epidural Analgesia Placement and Mode of Delivery in Nulliparous Women Presenting for an Induction of Labor: A Retrospective Study. Presented at the 41th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Washington, DC, May 1, 2009.

45. Mahoney B, **Beilin Y.** Successful Management of Acetaminophen Overdose and Sick Cell Crisis during Cesarean Section. Presented at the 42nd Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, San Antonio, Texas, May 16, 2010.

46. Mahoney B, Epstein, J, **Beilin Y.** Are serial platelet counts warranted in preeclamptic women? Presented at the annual meeting of the American Society of Anesthesiologists. San Diego, CA, October 17, 2010.

47. Mahoney B, **Beilin Y.** Successful Management of Acetaminophen Overdose and Sick Cell Crisis during Cesarean Section. Presented at the annual meeting of the American Society of Anesthesiologists. San Diego, CA, October 17, 2010.

Papers presented at national meetings including abstracts (continued):

48. Birenberg B, **Beilin Y.** Rare Etiology of Postpartum Headache: Sinus Thrombosis. Presented at the annual meeting of the American Society of Anesthesiologists. San Diego, Ca, October 17, 2010.

49. Mathney ER, **Beilin Y.** Successful cesarean delivery in a woman status post fontan procedure. Presented at the clinical update in anesthesiology, surgery and perioperative medicine: 29th annual symposium, St. Martin, French West Indies, January 20, 2011.

50. Hofer IS, Mahoney B, Koenigsberg J, Chietero M, **Beilin Y.** An EXIT procedure in a patient with malignant hyperthermia. Presented at the 43rd Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Las Vegas, NV, April 17, 2011.

51. Hofer IS, Mahoney B, Koenigsberg J, Chietero M, **Beilin Y.** An EXIT procedure in a patient with malignant hyperthermia. Presented at the annual meeting of the American Society of Anesthesiologists, San Diego, CA, October 16, 2011.

52. Afonso A, **Beilin Y.** Respiratory arrest in patients undergoing arteriovenous graft placement with interscalene and supraclavicular block. Presented at the 37th annual regional anesthesia and pain meeting and workshops, San Diego, Ca, March 16, 2012.

53. Hamby C, Frost E, **Beilin Y.** Acute grief in the operating room: treating the awake OB patient. Presented at the 66th annual postgraduate assembly in Anesthesiology of the New York State Society of Anesthesiologists, New York, NY, December 16, 2012.

54. Gopwani SR, **Beilin Y.** Group B Streptococcal Meningitis following Epidural Blood Patch. Presented at the 45th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, San Juan, Puerto Rico, April 27, 2013.

55. Spitzer Y, Zahn J, **Beilin Y.** Protamine use in a parturient with massive hemorrhage from placental abruption while receiving intravenous heparin. Poster presentation at the 46th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, San Juan, Puerto Rico, April 27, 2014.

56. Spitzer Y, Weiner M, **Beilin Y.** Left Ventricular Non-Compaction Syndrome in a Parturient. Poster presentation at the 47th Annual meeting of the Society for Obstetric Anesthesia and perinatology, Toronto, Canada, May 18, 2014.

57. Tseng KS, **Beilin Y.** Initiation of an institutional practice guideline affecting fluid management and intraoperative acid-base outcomes in renal transplant patients. Presented at The 89th Congress of the International Anesthesia Research Society, Honolulu, Hawaii, March 21, 2015.

58. Knibbs N, Ben Hamo O, Hyman J, Sela H, **Beilin Y**, Einav S. Characterization of Maternal Near Miss in Two Tertiary Referral Hospitals in Developed Nations. Poster presentation at the 47th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Colorado Springs, CO, May 14, 2015.
59. Marotta M, Friedman F, Naidich T, **Beilin Y**. CVT: Curious Vein Thrombosis. Poster presentation at the 47th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Colorado Springs, CO, May 15, 2015.
60. Katz D, **Beilin Y**. The Effect of Adding Intrathecal Epinephrine to Hyperbaric Bupivacaine and Preservative Free Morphine for Repeat Cesarean Delivery: A Double Blind Prospective Randomized Control Trial. Poster presentation at the 49th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Bellevue, Seattle, May 12, 2017.
61. Katz D, **Beilin Y**. Functional Fibrinogen in Pregnancy. Poster presentation at the 49th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Bellevue, Seattle, May 12, 2017.
62. **Katz D**, Beilin Y. Implementation of Triton, an FDA-Approved Technology for Quantification of Blood Loss (QBL): A Performance Improvement Study. Poster presentation at the 28th Health Care Risk Management Conference: Using Data to Reduce Malpractice Risk. February 28, 2018, New York NY.
63. Romano D, Hyman J, Katz D, Knibbs N, Einav S, **Beilin Y**. Etiology of ICU Admission in Obstetric Patients Differs by Mode of Conception. Poster presentation at the 50th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Miami, FL, May 11, 2018.
64. Riley K, Kim E, **Katz D**, Beilin Y. Terbutaline Versus Nitroglycerin for External cephalic Version. Poster presentation at the 50th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Miami, FL, May 11, 2018.
65. Kulkarni A, Knibbs, N, **Beilin Y**. CSF Cutaneous Fistula in the Parturient with Coagulopathy. Poster presentation at the 50th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Miami, FL, May 11, 2018.

EDITORIAL ACTIVITIES (GUEST REVIEWER):

1. Anesthesiology
2. Anesthesia & Analgesia
3. The International Journal of Obstetric Anesthesia
4. Journal of Clinical Anesthesia
5. The American Journal of Anesthesiology
6. Progress in Anesthesiology
7. Regional anesthesia and pain medicine
8. Drugs
9. Pediatric International,
10. Methods and Findings in Experimental and Clinical Pharmacology
11. Physicians' Services Incorporated Foundation, Toronto, Ontario
12. Archives of Gynecology and Obstetrics
13. Basic and Clinical Pharmacology
14. Pain Management
15. Anesthesiology research and practice
16. Pharmacology
17. Minerva Anesthesia
18. Pediatric
19. European Journal of Anaesthesiology

EXHIBIT 2

EXHIBIT 2



General
Vascular
Specialists

Earl D. Cottrell, M.D., F.A.C.S.
Bruce J. Hirschfeld, M.D., F.A.C.S.
Frank T. Jordan, M.D., F.A.C.S.

June 02, 2018

R. Todd Carey, Esquire
Christiansen Law Firm
810 South Casino Center Boulevard
Suite 104
Las Vegas, NV 89101

COMPREHENSIVE RECORD REVIEW

Regarding : Alina Badoi

Dear Todd:

I am in receipt of a Dropbox with records and documents regarding the peripartum events that occurred, as they relate to the death of your client, Alina Badoi. The following records/documents were reviewed by me in this matter: Quest Lab; Comprehensive Cancer Centers; WHASN Records [Women's Health Association of Southern Nevada]; op and consultation reports; pregnancy records; Affidavit; Affidavit of Identification; Autopsy Report; certification of records; record of examination; records reviewed by Coroner; report of investigation; Clark County Coroner; Affidavit of Death; x-rays and scene photographs; exam photos; St. Rose Dominican Hospital Sienna Campus Records; x-rays and autopsy photos. You have asked me to evaluate the medical records and to opine as to what medical facts and/or factors resulted in her death. None of the conclusions reached in this report reflect any opinions I may have, with respect to any standards of care in this matter. All conclusions in this report are to a reasonable degree of medical probability and reflect my opinions as they relate to medical causation in this matter.

10/07/2016- May 10, 2017 WHASN RECORDS (Pages 32-70 of 70 Pages)

Pregnancy records, ultrasound and lab reports

Copies of St. Rose records [op reports and consultations] (Pages 1-30 of 70 pages)

10/07/016 QUEST LABORATORY (Page 3 of 3)

Hemoglobin 10.6 g/dL

Hematocrit 35.2%

MCV 71.0 fL

MCH 21.4 pg

MCHC 30.1 g/dL

Specializing in General & Vascular Surgery

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R. TERRY TODD, ESQUIRE
RE: ALINA BADOI
JUNE 02, 2018
PAGE 2

Red Cell Distribution 20.1%

01/23/2017 QUEST LABORATORY (Page 2 of 3)

Hemoglobin 8.3 g/dL
Hematocrit 27.5%
MCV 69.7 fL
MCH 21.0 pg
MCHC 30.1 g/dL
Red Cell Distribution 20.8%

03/23/2017 QUEST LABORATORY (Page 1 of 3)

Hemoglobin 7.8 g/dL
Hematocrit 26.5%
MCV 67.8 fL
MCH 20.0 pg
MCHC 29.5 g/dL
Red Cell Distribution 22.6%

03/29/2017 COMPREHENSIVE CANCER CENTERS OF NEVADA CONSULT (Page 1 of 10)

Referral from: Amit Garg, M.D.

Attending Physician: Ghulam Kashef, M.D.

Reason for Consult: Iron Deficiency Anemia

History of Present Illness:

The patient is a very pleasant female who has been seen and evaluated by her primary care physician. The patient is pregnant. She has complained of fatigue. A CBC obtained has shown a hemoglobin of 7.8. MCV was 67.8. White blood cell count was 9.5 and platelet count normal. She has been placed on oral iron supplementation with poor toleration. She has been referred to this clinic for further evaluation and recommendations.

On my evaluation, she reported fatigue. She did not report any fevers, chills, or night sweats. No chest pain or cough. No melena or hematochezia. No hematuria. No musculoskeletal or neurological symptoms.

Past Medical History:

1. History of hypothyroidism
2. History of anemia

R. TERRY TODD, ESQUIRE
RE: ALINA BADOI
JUNE 02, 2018
PAGE 3

Assessment:

1. Iron deficiency anemia
2. Poor toleration of oral iron
3. Fatigue secondary to anemia

Plan:

1. We will schedule for IV iron infusion with iron sucrose 200 mg weekly for three weeks.
2. Return to clinic in six weeks, with repeat labs. She was instructed to call in the interim if she needs to be seen earlier.

05/09/2017 ST. ROSE DOM-SIENA RECORDS ASSESSMENT DOCUMENTATION Page 3815 of 4.422 Pages

Triage/Observation Status and Plan PCM Entered on 05/09/2017 20:18 PDT

Assessment Triage OB: Scheduled induction that would like to reschedule her induction for another time if everything looks ok with baby and it is ok with her MD

Name of Clinician Contracted: Herpolsheimer, Arthur MD

Reason for Call: Notified patient here for her induction but is requesting to be induced at a later time as long as everything is ok with baby. Patient being induced for polyhydramnios and AMA. SVE done 0/20/-3. Orders given to call back once NST done.

05/09/2017 ST. ROSE DOM-SIENA RECORDS GENERAL INFORMATION Page 3836 - 3838 of 4.422 Pages

05/09/2017 20:37 PDT

Patient discharged at this time. Verbalized understanding of all instructions

05/09/2017 20:21 PDT Call to MD

Notified of category 1 strip. Patient contracting every 4-8 minutes. Patient verbalizes she does not feel contractions. MD verbalized patient can be discharged to follow up in office and with HRPC tomorrow.

05/15/2017 ST ROSE DOM-SIENA RECORDS ORDERS (Page 1466 of 4.422 Pages)

Order Date/Time 05/15/2017 16:29 PDT

Ordering Physician: Herpolsheimer, Arthur

Order Details: "If patient desires epidural, please contact anesthesia"

05/16/2017 ST. ROSE DOM-SIENA RECORDS GENERAL INFORMATION (Page 2605 of 4.422 Pages)

05/16/2017 Charted Time: 00:58 PDT

R. TERRY TODD, ESQUIRE
RE: ALINA BADOI
JUNE 02, 2018
PAGE 4

Charted by Krista Molinaro, RN

"Kim MD in room to discuss POC with patient about epidural placement, Kim, J. is concerned with patient's platelet count being low and patient having a nose bleed at this moment. MD ordered for another platelet count to be manually done before epidural"

Corrected Results

@28 Events: Corrected from Kim MD in room to discuss POC with patient about epidural placement on 5/16/2017 01:10 PDT by Molinaro, Krista RN

05/16/2017 ST. ROSE DOM-SIENA RECORDS GENERAL INFORMATION (Page 2604 of 4.422 Pages)

05/16/2017 Charted Time: 02:15 PDT

"Kim J MD spoke with Abuan, Ronaldo in lab about manual platelet count. After speaking with him Kim, J verbalized he would not place epidural due to the dramatic variance in the number between the automated test and the manual test."

05/16/2017 Charted Time 03:00 PDT

"Herpolsheimer MD in room to discuss pain management options with patient since Kim, J. will not place epidural."

05/16/2017 ST. ROSE DOM-SIENA RECORDS GENERAL INFORMATION (Page 2598 of 4.422 pages)

05/16/2017 14:45 PDT (Events)

Charted by Delaney McCoy, RN

Dr. Herpolsheimer at bedside for delivery

05/15/2017 17:45 PDT (Events)

Peri-care done, pads changed, pt. tolerated well, **epidural cath removed, tip intact**

05/16/2017 WHASN RECORDS OP REPORT DR. HERPOLSHEIMER (Page 30 of 70 Pages)

Procedure Performed: Spontaneous vaginal delivery and midline episiotomy with repair

Postoperative Diagnosis: Intrauterine pregnancy, delivered

Anesthesia: Epidural

Findings: A 6 pound 7 ounce female infant with Apgar scores of 9 and 9, delivered at 1451 Pacific Time on 05/16/2017

R. TERRY TODD, ESQUIRE
RE: ALINA BADOI
JUNE 02, 2018
PAGE 5

05/16/2017 ST. ROSE DOM-SIENA RECORDS PROGRESS NOTES Page 669 of 4.422 Pages

Delivery Note

05/16/2017 15:28 PDT

Physician Arthur Herpolsheimer, MD

Preoperative Diagnosis: Intrauterine pregnancy

Procedure Performed: Spontaneous vaginal delivery and midline episiotomy with repair

Postoperative Diagnosis: Intrauterine pregnancy, delivered

Anesthesia: Epidural

05/16/2017 ST. ROSE DOM-SIENA RECORDS GENERAL INFORMATION (Page 2596 of 4.422 Pages)

Charted by Krista Molinaro RN

Chart Time: 20:58 PDT

Name of Clinician Contacted: Amit Garg, MD

05/16/2017 20:45 PDT

Patient up to chair at side of bed. RN placed overlay on bed and changed all linens. Patient verbalized she is feeling a lot of tingling in her legs and very dizzy. Verbalized I would call MD to discuss these symptoms with him.

05/16/2017 20:58 PDT

Notified MD of patient having a lot of tingling in lower extremities and feeling very dizzy. MD verbalized to stop magnesium infusion for now and restart it at 1.5 gms in 1 hour

05/17/2017 ST. ROSE DOM-SIENA RECORDS GENERAL INFORMATION (Page 2587 of 4.422 Pages)

05/17/2017 10:45 PDT

Charted by Mary Brown RN

Name of Clinician contacted: Herpolsheimer, Arthur H. M.D.

Time Provider Contacted 10:45:00

Reason for Call/Info Given to MD:

"Other: Dr. in to visit pt. he assess pt. concerns with leg heaviness and tingling. He reviews with RN concern for an epidural hematoma and requests on call neurologist and neuro surgeon phone #'s to consult, will follow for new orders.

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05/17/2017 ST. ROSE DOM-SIENA RECORDS GENERAL INFORMATION (Page 2595 of 4.422 Pages)

05/17/2017

Charted by Stacy Taylor, RN

Charted Time: 01:20 PDT

"Patient complaining of tingling in her legs, unable to sleep or stand it."

05/17/2017 ST. ROSE DOM-SIENA RECORDS GENERAL INFORMATION (Page 2594 of 4.422 Pages)

05/17/2017 Charted Time: 01:25 PDT

Charted by Stacy Taylor, RN

Name of Clinician Contacted: Amit Garg, MD

"Other notified MD of patient's mg level and that she cannot stand the tingling in her legs. MD stated to turn magnesium off."

05/17/2017 04:35

Other: Notified MD of patient's blood pressures and numbness in right leg. MD ordered p.o. labetalol. Pt. unable to tolerate magnesium

Clarified with MD that he did not want IV hydralazine, MD stated not at this time

05/17/2017 ST. ROSE DOM-SIENA RECORDS GENERAL INFORMATION (Page 2593 of 4.422 Pages)

05/17/2017 Charted Time: 05:33 PDT

Charted by Stacy Taylor, RN

Name of Clinician Contacted: Amit Garg, MD

05/17/2017 05:30 Events: patient denies headache, blurring vision or epigastric pain

05/17/2017 05:33 PDT Other: call given to MD regarding BP's still elevated

05/17/2017 06:27 PDT Other: Notified MD of blood pressures, received orders on 5/17/2017 06:30 PDT

05/17/2017 ST. ROSE DOM-SIENA RECORDS GENERAL INFORMATION (Page 2592 of 4.422 Pages)

05/17/2017 Charted Time: 05:33 PDT

Charted by Stacy Taylor, RN

Name of Clinician Contacted: Amit Garg, MD

05/17/2017 05:50

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Other: no call back, called MD, MD in OR, informed of pt. BP's, received order for hydralazine

05/17/2017 ST. ROSE DOM-SIENA RECORDS GENERAL INFORMATION (Page 2591 of 4.422 Pages)

05/17/2017 Charted Time: 06:35 PDT

Charted by Stacy Taylor, RN

"Updated patient on plan of care. Patient very anxious, reports numbness in legs. Tried to get patient out of bed, patient unable to put weight on legs."

05/17/2017 ST. ROSE DOM-SIENA RECORDS GENERAL INFORMATION (Page 2591 of 4.422 Pages)

05/17/2017 Charted Time: 07:15 PDT

Charted by Stacy Taylor, RN

Name of Clinician Contacted: Leejon Moore, MD

05/17/2017 07:05 PDT (Events)

Anesthesiologist states **he does not think itching, pain numbness is related to epidural.**

05/17/2017 07:30 PDT (Events)

B/P is noted, pt. has been medicated with labetalol, she is showing signs of escalating anxiety which she states is not pain related but that she is itching like crazy and her legs are tingling, it appears from report this started around 0500

05/17/2017 07:30 PDT (Events)

Calming techniques reviewed and practiced, POC to request Benadryl from Dr. Moore who was just in to see pt. and keep pt. turned off her back side and positioned to her sides reviewed and started to the left and propped for comfort, will follow.

05/17/2017 07:30 PDT (Reason for Call/Info given to MD)

Dr. Called concerning patient's itching which is escalating her anxiety. He gives verbal order for Benadryl and requests RN call OB to review labs

05/17/2017 ST. ROSE DOM-SIENA RECORDS GENERAL INFORMATION (Page 2588 of 4.422 Pages)

05/17/2017 Charted Time: 09:45 PDT

Charted by Mary Brown, RN

Name of Clinician Contacted: Arthur Herpolsheimer, MD

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"Dr. on unit and updated on pt. status, concerns with itching and lower legs being heavy and tingling, we review labs together and that she has been seen by Dr. Moore this am about these concerns, will follow

05/17/2017 Charted Time: 10:45 am

Dr. in to visit pt. he assess pt. concerns with leg heaviness and tingling, he reviews with RN concern for an epidural hematoma and requests on call neurologist and neuro surgeon phone #'s to consult, will follow for new orders.

05/17/2017 ST. ROSE DOM-SIENA RECORDS GENERAL INFORMATION (Page 2587 of 4,422 Pages)

05/17/2017 Charted Time: 11:20 PDT

Charted by Mary Brown, RN

Name of Clinician Contacted: Arthur Herpolsheimer, MD

Provider/MD present, Other: Dr. alerts RN and requests pt. be n.p.o. and to start NS at 125 mL/hr and a bolus of 500 ml's discussed and he ok's, will follow

05/17/2017 13:00 PDT

HOB up. Other: Pt. returned back to her backside, boosted up in bed, peri-care done, preparing for MRI

05/17/2017 13:15 PDT

Pt. leaves unit with stable assessment no changes. RN has reviewed MRI process with her will follow

05/17/2017 ST. ROSE DOM-SIENA RECORDS GENERAL INFORMATION (Page 2586 of 4,422 Pages)

05/17/2017 15:15 PDT

Charted by Mary Brown RN

Name of Clinician contacted: Herpolsheimer, Arthur H. M.D.

Time Provider Contacted 15:05:00

Reason for Call/Info Given to MD:

Other: Dr. call unit to update on MRI results, RN is at BS checking pt. into room, he leaves word with Pam T, RN that POC is to do laminectomy and remove hematoma, pt. to be n.p.o.

05/17/2017 ST ROSE DEM-SIENA RECORDS MRI Page 3695 of 4,422 Pages

05/17/2017 14:50 PDT

Reason for Exam: MR T Spine wo+w Con B LE Paresis s/p epidural anesthesia

Impression:

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1. Significantly limited study secondary to patient motion artifact
2. There is prominent nodular enhancing epidural soft tissue within the anterior and lateral epidural space extending from approximately T2 through T6-T7. This results in moderate to severe central canal stenosis at approximately T3. This appearance is nonspecific, and can be seen with lymphoma, metastatic disease (in the case of breast cancer) and infection (infection is unlikely to cause this appearance within 24 hours following the epidural injection). Confirmation with CT may be of benefit
3. Ill-defined patchy and enhancement is also seen within the posterior aspect of the central canal at the mid and lower thoracic levels related to #2.
4. There is a suggestion of an epidural fluid collection extending from approximately T5-6 extending into the lumbar levels. A primary differential consideration is an epidural hematoma. Epidural abscess is less likely. Further evaluation with contrast-enhanced Ct may be of benefit. There is a small nonspecific enhancing lesion within the T11 vertebral body. The main differential considerations include atypical hemangioma versus metastatic disease.

Findings were discussed with Dr. Seiff at approximately 2:50 PM on 5/17/2017.

05/17/2017 ST ROSE DEM-SIENA RECORDS MRI Page 3693 of 4.422 Pages

05/17/2017 18:53 PDT

Reason for Exam: MR L Spine w/ Con bilateral lower extremity weakness s/p epidural

Impression:

Extensive abnormal epidural process causes extensive mass effect on the thecal sac in the lumbar spine. This is probably partly related to the epidural process described in the thoracic spine but is also probably partly due to the fluid from recent epidural anesthesia administration.

05/17/2017 ST. ROSE DEM-SIENA RECORDS MRI Page 3692 of 4.422 Pages

05/17/2017 19:32 PDT

Reason for Exam: MR T Spine w/ Con bilateral lower extremity weakness s/p epidural

Impression:

Extensive heterogeneous epidural process is re-demonstrated. There are some areas where it contacts the cord but does not cause mass effect on the cord.

05/17/2017 ST. ROSE DEM-SIENA RECORDS PROGRESS NOTES - NURSING (Page 1964 of 4.422 Pages)

5/17/2017 19:35 PDT

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"rec'd patient came from MRI arrived to room 2227 placed on cardiac monitor and oriented to room and equipment, patient is AAO x 3 still c/o numbness and tingling sensation to bilateral lower extremities. VS see on computer data and Dr. McPherson will be here.

05/17/2017 ST ROSE DEM-SIENA RECORDS ICU HISTORY AND PHYSICAL (Pages 21-23 of 4.422 Pages)

05/17/2017 20:48 PDT

Reason for ICU Admission: Paraparesis, possible epidural hematoma

History of Present Illness:

Ms. Badoi is a 41-year-old female, who is generally well most of her life. She has a history of Hashimoto's thyroiditis and had a partial thyroidectomy and is on thyroid replacement therapy. She is gravida 1, para 1, status post normal vaginal delivery on 05/16/2017 after an epidural anesthesia. Subsequent to delivery, the patient started noticing some tingling and abnormal sensations in her legs. Became clear that the legs were quite weak and quite spastic. MRI of the lumbar spine was done on 05/17 at 1420 for further evaluation and this was normal. Thoracic spine was done at 1450 and this showed abnormality. Had enhancing epidural soft tissue within the anterior and lateral epidural space T2 through T6 to T7 with moderate to severe central canal stenosis at approximately T3. Ill-defined patchy enhancement is also seen in the posterior aspect of the central canal at the mid and lower thoracic levels. Suggestion of epidural fluid collection extending from approximately T5 to T6 into lumbar areas. Possible epidural hematoma abscess less likely. Also enhancing lesion in T11 vertebral body, which may be due to an atypical hemangioma versus metastatic disease per radiologist, Dr. Seiff was notified. Repeat MRI of the L-spine was done at 1853 and this showed extensive abnormal epidural process now causing extensive mass effect along the thecal sac in the lumbar spine. **This is probably related to the epidural process in the thoracic spine and is also partly due to fluid from the recent epidural anesthesia administration as the radiologist's report.** Repeat CT-spine was also done and showed extensive heterogeneous epidural process redemonstrated some areas where it contacts the cord but does not seem to cause mass effect on the cord.

Laboratory Data: On admission to the hospital on 05/15, she was mildly anemic with hemoglobin of 10. Normal white count. MCV was reduced at 77. Platelets reduced at 94,000. Subsequent CBC showed an estimated platelet count of 140,000 to 160,000 on 05/17 at 6:26 a.m. It is estimated to be 80,000 to 100,000. Repeat done on 1644 today showed a platelet count of 74,000. Coags have not yet been done. Sodium was slightly reduced at 130. LFTs were elevated. ALT 142, AST 146, and alkaline phosphatase 149. Urinalysis unremarkable on admission. No chest x-ray performed.

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Impression:

1. Acute spastic paraparesis on 05/17/2016 with abnormal MRI in thoracic and L-spine, possible epidural hematoma
2. Thrombocytopenia
3. Unknown coagulation status
4. Gravida 1, para 1, normal vaginal delivery with epidural anesthesia on 05/16
5. Hypertension
6. History of Hashimoto's thyroiditis, status post previous partial thyroidectomy
7. Abnormal liver function tests and preeclampsia

Plan:

1. We will monitor in the ICU
2. Continue neuro checks
3. Neurosurgical consult with Dr. Seiff
4. Check DIC panel
5. Platelet transfusion
6. Blood pressure control

05/17/2017 WHASN RECORDS CONSULTATION DR. SEIFF (Pages 25-26 of 70 Pages)

History of Present Illness:

This is a 41-year-old female, who is post delivery day #1. I got a call earlier in the day by Dr. Herpolsheimer with concern for possible spinal epidural hematoma, since the patient had developed significant bilateral lower extremity motor deficit, had received an epidural catheter for labor, and there was a question of possible thrombocytopenia during her course. The initial MRI had too much motion artifact for interpretation with respect to surgical decision making. Therefore, she was sent back to the MRI scanner for additional images, also transferred to the ICU so she could receive mannitol, she also received high-dose Decadron. The follow up imaging was suggestive of an epidural hematoma from the mid thoracic spine to the mid lumbar spine, and she was taken to surgery emergently for evacuation.

Past Medical History: Hashimoto thyroiditis

Surgical History: Partial thyroidectomy

Laboratory Data: Labs are significant for hyponatremia to 130 and platelets 274 and then 86K. D-dimer is also elevated. Through, there was no complaints suggestive of venous thromboembolism.

The MRI's revealed a mixed density collection that was both ventral, dorsal and lateral to the cord from the mid lumbar spine up to the mid thoracic spine. Interestingly, there was

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also a sizeable nodular lesion up at the T3-T4 level, ventral to the cord which enhanced. I reviewed the case with 3 radiologists, 2 of them neuro-radiologist, and the consensus was that this represented an epidural hematoma, with the rostral thoracic lesion being somewhat enigmatic and possibly consistent with metastasis of lymphoma.

Impression:

A 41-year-old female, post delivery day #1, who had what looks like a thoracolumbar epidural hematoma with significant mass effect on the spinal cord, and she was taken to surgery emergently, however, intraoperatively an intradural hematoma was found. She underwent complete evacuation. For now she is intubated and to be extubated when deemed stable and she is awake.

05/17/2017 WHASN RECORDS OP REPORT T8 THROUGH L3 LAMINECTOMIES FOR EVACUATION MICHAEL SEIFF, M.D. (Page 27-29 of 70 Pages)

Preoperative Diagnosis: Thoracolumbar Epidural Hematoma

Procedure:

1. T8 through L3 laminectomies for evacuation of intradural hematoma
2. Operative microscope for microsurgical technique
3. Intraoperative fluoroscopy for localization

Indication: The patient is a 41-year-old female, who is postpartum and developed bilateral lower extremity paresthesias followed by spastic paraplegia, workup ultimately revealed what was thought to be an epidural hematoma and she was taken to surgery emergently for evacuation. Intraoperatively an intradural hematoma was found.

She was taken to ICU in hemodynamically stable condition.

05/18/2017 ST. ROSE DOM-SIENA RECORDS ONCOLOGY/HEMATOLOGY CONSULT DR. GHANI (Page 24-26 of 4.422 Pages)
Medical Oncology/Hematology Consult

Impression:

1. Thrombocytopenia with some clumping, question immune mediated with some effect of pseudothrombocytopenia i.e. platelet clumping
2. Postpartum day #3
3. T8-L3 laminectomy for evacuation of intradural hematoma
4. Leukocytosis, question reactive
5. History of iron deficiency

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6. Elevated LFTs

Plan:

1. I discussed with the patient further workup. WE will check peripheral smear B12 folate and iron studies
2. Platelet count should be drawn on citrate tube
3. Watch platelet count closely. Currently, platelet count is going towards normal. Today's platelet count is 149. We will follow along with you
4. Above discussed with patient and her husband

05/18/2017 ST. ROSE DOM-SIENA RECORDS CONSULT DR. SELCO (Page 26-32 of 4.422 Pages)

Chief Complaint:

Epidural Hematoma B/L LE Weakness

History of Present Illness:

She developed B/L LE progressive paraparesis and numbness on post-partum day #1 after epidural anesthesia. She delivered via NSVD following the onset of gestational hypertension. Dr. Herpolsheimer contacted me. I advised STAT MRI T+L spine. She had a thoracolumbar intradural hematoma. She was taken to the OR last night by Dr. Seiff and had a T8-L3 lami for intradural hematoma evacuation.

Her husband is present. She is awake and alert on the vent. She has some movement in the proximal thighs, she can flex her knees somewhat and she can plantar flex and dorsiflex her bilateral feet somewhat. She has normal sensation post-operatively.

She did not receive enoxaparin or heparin SQ this admission.

Nothing specific other than the mentioned above is reportedly making the symptoms commence, improve or worsen.

05/18/2017 WHASN RECORDS QUEST LAB BLOOD CLOTS FROM EPIDURAL (Page 22 of 70 Pages)

Diagnosis:

Blood clots from epidural

Gross:

Received in formalin labeled "Badoi, Alina DOB 05/24/1975" and "blood clots" is an aggregate of dark maroon clot 4.0 x 3.0 x 0.6 cm. The tissue is soft and friable.

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**05/19/2017 ST. ROSE DOM-SIENA RECORDS SOCIAL SERVICES DOCUMENTATION
(Page 2281 of 4.422 Pages)**

"MSW met with Radu (patient's boyfriend) who voiced his concern that surgery was from T8-L3 lami due to hematoma that there was a delay in care as it was brought to medical team's attention at 10 a.m. and *nothing was done about it for 12+ hours.*"

05/20/2017 WHASN RECORDS OP REPORT CHARLES MCPHERSON. M.D. (Page 21 of 70 Pages)

Pre and Postoperative Diagnosis: Altered mental status, intubation needed for airway protection

Procedure: Endotracheal intubation

Procedure in Detail: The patient recently had a spontaneous vaginal delivery and then developed lower extremity paraparesis due to epidural hematoma, for which she underwent extensive laminectomy yesterday. She was extubated. Post-procedure was doing well, however, late in the evening of 05/19 according to the nurses, the patient began getting confused and then more somnolent. The patient was sent for stat CT scan of the brain which showed intraventricular and some subdural blood with enlargement of the ventricles consistent with hydrocephalus. The patient had been transferred to the ICU prior to the CAT scan. I was called with the results when the patient arrived after she came back from the CAT scan and neurosurgeons have been called. When I arrived, the patient was somnolent with some response to stimulation and voice, therefore endotracheal intubation was recommended. Sister was at the bedside. The patient was administered 20 mg of etomidate using a MAC 4 blade. When the blade was first placed into the mouth, the patient then began biting down very hard and chipped her left front tooth. The patient was given 50 mg of Rocuronium for paralysis, then with a MAC 4 blade the airway was well visualized with a grade 1 view. There is a small amount of yellow dried mucus in the hypopharynx which was suctioned. A #7.5 endotracheal tube was placed on first attempt under direct visualization without difficulty. There was good color change to C02 sensor. Good breath sounds bilaterally and good oxygenation.

Complications: Left front upper tooth chipped when patient bit on laryngoscope. No other complications.

05/20/2017 WHASN RECORDS OP REPORT JAMES FORAGE. M.D. (Pages 20 of 70 Pages)

Pre and Postoperative Diagnosis: Hydrocephalus

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Procedure Performed:
Right frontal ventriculostomy

Indication for Procedure:

This is a 41-year-old female, who developed altered mental status, and was found to have an intraventricular hemorrhage and was found to have hydrocephalus, which requires diversion of CSF.

05/22/2017 ST. ROSE DOM-SIENA RECORDS MRI (Page 3684-3685 of 4.422 Pages)

05/22/2017 17:00 PDT

Reason for Exam: (MR L spine wo+w Con) Thoracolumbar intradural hemorrhage after epidural anesthesia; epidural enhancement present on pre-op images??

Addendum:

After review of the medical record the patient is noted to have **HELLP**. Given this is a diagnosis of spinal complications of **HELLP** is more favored

Impression:

Postoperative changes with intradural blood products noted as described above. The largest collection of blood products is noted anteriorly at L4-L5. No definite enhancement is identified

06/01/2017 ST. ROSE DOM-SIENA RECORDS PROGRESS NOTE – NURSING Page 1929 of 4.422 Pages

07:00 PDT

"Gave report to Neelam, RN at pt. bedside. Updated her on new orders. Pt. has been placed in Trendelenburg for 15 minutes hourly. Headache resulted, and Tylenol given. Vitals table, however blood pressure has remained in the 140s to 150s. Pt. received 1 dose IV Labetalol prn. Pt. is alert and oriented x 4, and is still weak on the right lower extremity. See assessment for further details.

06/01/2017 ST. ROSE DOM-SIENA RECORDS PROGRESS NOTE – NURSING Page 1926 of 4.422 Pages

15:00 PDT

"Physical therapist started working with the patient brought head end of the bed up and pt. started c/o pain, unable to tolerate pain. Pt. requested pain medication. Methocarbamol given as ordered. St. pt. couldn't tolerate pain and started crying. Head end of bed put down and pt. repositioned to make comfortable. Continue to follow."

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06/02/2017 WHASN RECORDS OP REPORT MICHAEL SEIFF, M.D. (Pages 15-16 of 70 Pages)

Pre and Post-operative Diagnosis: Thoracic epidural hematoma

Procedure Performed: Evacuation of thoracic epidural hematoma. Intraoperative neurophysiologic monitoring of somatosensory and motor evoked potentials and EMGs.

Indications:

The patient is a 42 year-old female, several weeks out from T8 through L3 laminectomy for evacuation of intradural hematoma, who has been improving slowly with regard to lower extremity function, she has spastic paraplegia preoperatively, but postoperative imaging has revealed an epidural hematoma with persistent mass effect on the thoracic spine, especially opposite T9 through 11. It was therefore elected to take her to surgery to evacuate this collection.

06/03/2017 ST. ROSE DOM-SIENA RECORDS PROGRESS NOTE - NURSING Page 1965 of 4.422 Pages

11:25 PDT

"Patient sitting up in bed working with physical therapy. C/o dizziness. Assisted by PT Karl to laying position. Became unresponsive and witness seizure activity. Hypotensive following seizure. Dr. Hutchison to room immediately. Patient began to awaken calling out for the MD to remove the oxygen mask from her face. Again became unresponsive, hypotensive, Code Blue called.

06/03/2017 WHASN RECORDS CODE BLUE NOTE WILLIAM HUTCHISON, M.D. (Pages 6-7 of 70 Pages)

Code Blue Note

"I was on the unit and was called into the room because the patient had a seizure. When I got there, she had already completed a clonic-tonic seizure and was slightly postictal. She had a very lower blood pressure of 60/40. We supported her in her breathing. Respiratory was in the room and we assisted her oxygenation. She awoke from that and started moving around groaning and moaning, answering questions appropriately. She denied any pain. Her pressure, however, remained very low. We were in the process of starting Levophed drip when the patient's eyes deviated to the right and it appeared that she had another seizure. At this juncture, the decision to continue bagging her, intubate her was made. I made two attempts to intubate her orally. We did not have a good color change on the CO2 monitor, although I did have good breath sounds bilaterally and the O2 sats were greater than 85%. We elected to discontinue the endotracheal tube and bag her. However, we had the same experience. Finally, I was able to intubate her using a GlideScope. However, by

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this time, she had lost a pulse and CPR was underway. We ran CPR, ACLS for pulseless electrical activity for over 75 minutes using multiple amps of epinephrine, multiple amps of sodium bicarbonate. We obtained blood gases during the code blue. Her initial blood gas showed pH less than 6.92, pCO2 of 102, but this is a venous blood gas with a pO2 of 31 (throughout CPR, her oxygen saturation was greater than 90% for most of the CPR activity). We gave her a total of 6 amps of sodium bicarbonate. Her next blood gas showed a pH of 6.99, pCO2 of 123, but the pO2 was 31. This may be a venous blood gas. Her oxygen saturation again peripherally was 100%. We placed the end-tidal CO2 monitor which initially was 9, but after giving multiple amps of sodium bicarbonate, improved to greater than 33. However, it drifted back down again. Family was at bedside obviously distraught. I explained the situation to the daughter as well as a friend of the daughters who is an RN and personal friend of Dr. Dijana Jelic. I spoke with Dr. Dijana Jelic over the telephone explaining the situation to her and she did explain the situation to the friend, as did I, who is an RN. The friend agreed that we had run ACLS for PEA over 75 minutes and the change for a meaningful recovery as almost 0. At this time, the code was called. The family was distraught at the bedside and I did my best to comfort them. Nursing supervisors present as well as charge nurse, Liz, who assisted throughout the code. Dr. Seiff's coverage was present and we explained the situation to him. To the best of our ability to determine what happened, the patient appears to have had some sort of catastrophic CNS event, possibly extension of her hemorrhage, possibly a clot, it is difficult to say. The puzzling thing was the profound hypotension initially, which we cannot explain."

06/03/2017 ST. ROSE DOM-SIENA RECORDS DISCHARGE SUMMARY (Pages 9-14 of 4,422 Pages)

Date of Admission: 05/15/2017

Date of Discharge: 06/03/2017

Reason for Admission: Intrauterine pregnancy with spontaneous vaginal delivery

Final Diagnoses:

1. Cardiac arrest. Presumably due to catastrophic event, differential diagnosis including pulmonary embolus, catastrophic CNS event, or myocardial infarction.
2. Seizure
3. Acute spastic paraparesis on 05/17 with an abnormal MRI of the thoracic and lumbar spine, status post T8-L3 laminectomy for epidural hematoma evacuation on 05/18.
4. Status post spinal hematoma evacuation on June 2nd per Dr. Seiff
5. Status post placement of lumbar drain, 05/23

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6. Acute confusion and somnolence on 05/19 with demonstrated subdural hemorrhage and dilated ventricles compatible with hydrocephalus. 05/20, status post right frontal ventriculostomy
7. Large respiratory failure on 05/18, extubated 05/19, transferred to ICU and re-intubated on 05/20 for altered mental status. Extubated on 05/22.
8. Status post normal vaginal delivery with epidural 05/16 G1, P1
9. Hypertension
10. History of Hashimoto's thyroiditis, status post partial thyroidectomy and thyroid replacement
11. Abnormal liver function studies with preeclampsia
12. Leukocytosis
13. Thrombocytopenia
14. Elevated D-dimer with normal Pro Time

Hospital Course:

This 42 year-old white female delivered a 6 pound 7 ounce female infant with Apgars of 9 and 9 on 05/16 via spontaneous vaginal delivery. She did have an epidural placed. On 05/17, she had acute spastic paraparesis with abnormalities seen on MRI of the thoracic and lumbar spine possibly consistent with epidural hematoma. She did have thrombocytopenia. She was taken to a laminectomy for intradural hematoma evacuation on 05/18 per Dr. Michael Seiff. Apparently, there was an epidural hematoma present. There was question of possible thrombocytopenia during her course. However, per Dr. Selco's note, she did not receive any enoxaparin or heparin. Dr. Ghani was consulted from Hematology-Oncology and noted that she had thrombocytopenia with platelet clumping. He ordered further testing. Her plated count was 94,000 with a CBC platelet count showing between 140 and 160,000 on 05/17 and a repeat was done which was 74,000. On 05/18 in the morning platelet count was 104 and platelets on 05/17 dropped to 86,000. On 05/17 at 1644 it was 74,000. D-dimer was 5817. Fibrinogen 308. PT 10.3. INR 0.9 with PTT of 24. Dr. Ghani noted the MRI of the thoracic spine showed extensive heterogeneous epidural process. MRI of the lumbar spine showed extensive abnormal epidural process causing extensive mass on the thecal sac. Bilateral lower extremity Dopplers did not reveal deep vein thrombosis. The patient was given mannitol and Decadron on a taper. By 05/18 she was successfully extubated but had some nausea. She was downgraded to maternal and child floor. However, she had altered mental status and needed to be reintubated on 05/20, transferred back to ICU. Apparently, she was getting more confused, more somnolent. She was sent for stat CT scan of her brain which showed intraventricular and some subdural blood with enlargement of the ventricles consistent with hydrocephalus. On 05/20 at 4:30 in the morning, a right frontal ventriculostomy drain was placed because of need for diversion of CSF. Echocardiogram done on 05/20 showed ejection fraction of 65-70%. Her encephalopathy did improve after the interventricular drain was placed. She

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was following commands. After placement of the right ventricular shunt catheter, the degree of ventricular dilation decreased and mild intraventricular hemorrhage was noted in the occipital horns in 3rd and 4th ventricle with mild infiltrative extra-axial blood products and subdural and subarachnoid hemorrhage at the region of the foramen magnum and extra medullary to the ventral upper cervical spinal cord and the visualized portions. There may have been a tiny lacunar infarct noted at the left aspect of the splenium of the corpus collosum at 4 mm.

Dr. Anthony Nguyen noted that she had transient thrombocytopenia with some clumping question and immune-mediated effect. He recommended keeping the platelets greater than 100 and recommended 1 unit of platelets. On 05/21, the EVD was draining clear CSF. The hemoglobin dropped to 7.4 without obvious bleeding. On 05/22, the patient was extubated. She was comfortable with mild stridor. Decadron and racemic epi were given to treat the mild stridor but she remained awake, alert and communicative. A von Willebrand's panel was drawn and the results were pending on 05/22. On 05/23 her thrombocytopenia was better with platelet count of 224,000. MRI of the spine on 05/22 showed intradural blood products mixed intensity. A Lumbar drain was recommended as well as bed positioning maneuvers to facilitate more rapid removal of CSF. Dr. Kashef saw the patient on 05/23 from Hem/Onc. On 05/23 Dr. Konchada from IR placed a lumbar drain. About 15 mL of straw-colored CSF was aspirated from the colostomy collection cylinder using sterile technique. On 05/24 the patient was more awake, her voice improved. The lumbar drain stopped draining on 04/24 and Dr. Selco was following. The output was darkly colored bloody CSF, but the EVD showed the ICP was at 10 mm and it was draining well. On 05/24 the lumbar drain was flushed. She was started on Mestinon 30 mg p.o. t.i.d. per Dr. Selco. On 05/25, a lumbar drain was flushed with Isovue contrast and repositioned. Then it was functioning better. On 05/26 she was drowsy but arousable. She felt tingling and numbness to bilateral lower extremities. On 05/26 the EVD was clamped. The ICP was 1. The lumbar drain was draining freely, with 20 mL every 4 hours. The EVD was draining 20 mL every 4 hours alternating with the lumbar drain every 4 hours per Dr. Selco's order. The patient had bilateral lower extremity pain especially with being turned and sitting. Additional history was obtained where she had a thyroidectomy and blood internally at age 15, developing hematoma that cause neck compression and compromised talking and swallowing for several months. This raised the question of von Willebrand's disease. She has heavy menses also raising the question of von Willebrand's disease. Dr. Litchfield increased her levothyroxine from 50 mcg p.o. every day to 112 mcg every day during her pregnancy. TSH during this admission was 3.27, within normal limits. The transferrin was 314 from 05/19, vitamin B12 level was 252, folate 113.1, ferritin 125, CA-19.9 was okay. The CA 27.29 was 21.7, the CEA was 0.74, CA-125 was 104.6 which is high, normal being between 0-35. The rheumatoid factor was less than 14, the ANA was negative. Mitochondrial M2 was 6.1, artifact and antibody was 10. It was felt that she had

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platelet clumping possibly due to the blood draw tube EDTA sensitivity. There was the question of von Willebrand's disease based on the clinical results. She was started on trazodone for a poor sleep on 05/27. It was noted that the drainage slowed between 05/26 and 05/27 on her lumbar drain. Order was given to clamp the EVD, continue Ancef 1 g every 8 hours, and open the lumbar drain every 2 hours to drain 20 mL in reverse Trendelenburg. CT scan or CT myelogram of the spine to rule out AVM once blood removed from the intradural space was recommended. On 05/28 it was noted her CSF was dark auburn. On 05/29, family refused to have medication noted at 6:50. On 05/29 Dr. Kashef noted that the patient had possible von Willebrand's disease. Need to repeat labs for a definitive diagnosis once her clinical condition is stabilized. On 05/29 Dr. Selco noted that her pain was better on tapentadol and that she slept well. Her sister refused the trazodone. She was eating a little more and had a small bowel movement. Her abdomen was less distended and she was passing gas. On 05/29 Dr. Selco aspirated about 20 mL of darkly colored CSF from the lumbar drain using sterile technique. On 05/30, she was more awake and in better mood, complained of minor headache but just took some Tylenol and had good sleep. Her EVD was continued to be clamped with ICP 10-16 and LD in the lumbar drain rather draining 20 mL every 4 hours, dark brown colored. Her bilateral lower extremities were still weak and she was unable to move her legs. She had a decent lunch on 05/29 and with bladder training and felt a pressure. Her Foley was clamped and her bladder was full and when unclamped, emptied 1060 mL from the Foley. On 05/31 the EVD and LD were both clamped as she was scheduled for an MRI. She did not complain of any headache. She did have some breast discomfort and lactation nurse was sent in, recommended ibuprofen and pseudoephedrine to stop the lactation, but ibuprofen and other non steroidal were not an option at that time because of bleeding. On 05/31 it was noted that she slept well passing some gas and having some bowel movement smears. She had asymmetric bilateral lower extremity weakness, left stronger than right, and both were improving. On 06/01, it was noted that her extraventricular drain was open but not draining and the lumbar drain was clamped. She did not sleep well because Trendelenburg was ordered for drainage. She was feeling the pressure on bladder training. Dr. Selco noted that her EVD was draining at 20 mL every 4 hours and her intracranial pressure was normal with a CSF fairly clear. Lumbar drain was to be left in for the CT myelogram before removing it. On 06/02 she was awake and alert and felt much better than yesterday. She was anxious and hoping to undergo surgery. The EVD and LD were clamped. She underwent evacuation of a thoracic epidural hematoma per Dr. Seiff on 06/02. She was in the prone position for surgery. The wound was opened and the hematoma was evacuated throughout the entire length of the lamina though the entire length of the laminectomy deficit was visualized. A 1/8 inch Hemovac drain was left in place and tunneled out from the incision beneath the muscle. The muscle was reapproximated. Fascia was approximated. Subdural layer was reapproximated and the epidermis was reapproximated as well. Dressings were applied and exudating drain was anchored and there were no

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complications. On 06/03 the patient was awake, working with Speech Therapy. Family was in the room. She was moving all 4 extremities well. The EVD was still in place but not draining.

I was suddenly called into the room because the patient had a seizure. When I got there she had completed a tonic-clonic seizure, was slightly postictal. She had a very low blood pressure of 60/40 with supported breathing and oxygenation. She awoke from the post-ictal phase in a couple of minutes and starting moving around groaning and moaning and answering questions appropriately. She denied any pain. Her pressure increased a bit and dropped again. We gave her a fluid bolus. We were in the process of starting a Levophed drip when her eyes deviated to the right and it appeared she was having another seizure. At this point, the decision to keep bagging her was made and the decision was made to intubate her. I made 2 attempts to intubate her orally but we did not have a good color change on her CO2 monitor, although I did have good breath sounds bilaterally and the oxygen saturations were greater than 85%. Because of color change being more than slightly yellow, we discontinued the endotracheal tube to bag her once again. Oxygen saturation improved to 100%. I tried intubating her with a bougie. I felt the endotracheal rings were well with the bougie and the endotracheal tube went in without a problem. However, we had the same experience with the carbon-dioxide indicator, so once again we disconnected the ET tube and bagged her. Finally, I intubated her with a glide scope. We did have a good CO2 indicator at this time. However, by this time she lost her pulse and CPR was underway. Then extensive CPR with ACLS for over 75 minutes ensued using multiple amps of epinephrine, multiple amps of sodium bicarbonate. WE obtained blood gases during the Code Blue. Initial blood gas showed a pH less than 6.92, pCO2 of 102, but this was felt to be a venous blood gas with a P02 was 31. Throughout most of this CPR, her oxygen saturation was 100%. We gave her a total of 6 amps of sodium bicarbonate and the next blood gas showed a pH of 6.99, pCO2 of 123, but the patient remained in PEA. Throughout the extension ACLs we never recovered pulses although we had excellent femoral pulses on cardiac compression.

The family was at the bedside and I comforted them at bedside and spoke with the family as well as a friend of the daughters who was an RN and a personal friend of Dijana Jefic, M.D. I did speak with Dr. Jefic by phone to explain the situation to her and she did explain the situation to her daughter which was as follows:

Basically, the patient was in PEA for about 75-80 minutes. We did not recover the heart and at that point the Code Blue was called.

Dr. Seiff's coverage was present and reviewed the above with him. Dr. Selco had been contacted by phone during the code and wondered about the possibility of pulmonary

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embolus. The differential diagnosis of her terminal event includes pulmonary embolus, catastrophic CNS event, as well as myocardial infarction.

06/04/2017 AFFIDAVIT RECORDS AUTOPSY REPORT OF ALANE M. OLSON MD
PATHOLOGIST Page 2 of 9 Pages

Cause of Death:

"It is my opinion that this 42-year-old Caucasian female, Alina Badoi, died as a result of bilateral pulmonary thromboemboli due to deep venous thrombosis due to acute spastic paraparesis following intradural hemorrhage associated with epidural anesthesia. Other significant conditions include recent pregnancy, pre-eclampsia, probable von Willebrand disease.

Manner of Death: ACCIDENT (Therapeutic complication)

SUMMARY

At the time of events reviewed above, Ms. Badoi was 41 years of age, and her obstetrical history was uncomplicated. She presented to St. Rose Dominican hospital Siena Campus on May 09, 2017, in the late third term of her first pregnancy, and she was supposed to be induced, at that time, but requested that the induction be put off one week, if it was medically feasible. This was deemed acceptable to her obstetrician, Dr. Herpolsheimer, and Ms. Badoi was discharged and readmitted to St. Rose on May 16, 2017, for a vaginal delivery, with epidural anesthetic. It is noted and of clinical significance that Dr. Kim, of anesthesia, appears to have been initially consulted for the purposes of placing an epidural anesthetic in Ms. Badoi, but he had concerns, because of her presentation with thrombocytopenia and epistaxis. He ordered that a manual platelet count be done before he would make a decision regarding epidural anesthesia for Ms. Badoi. Dr. Kim, apparently, spoke with Ronaldo Abuan in the lab at St. Rose regarding this manual platelet count, and after this, he advised that he would not place the epidural anesthetic in Ms. Badoi, because of a dramatic variance in the platelet count, as determined by the automated test versus the manual test.

Records reflect that around 3 p.m. on May 16, 2017, Ms. Badoi delivered a 6 pound, 7 ounce female infant via a spontaneous vaginal delivery, with midline episiotomy and repair. Intrauterine pregnancy was felt to be uncomplicated, and anesthesia was documented to be epidural. Within 6 hours of delivery, there was chart documentation of clinical complications postpartum. Charting at 8:45 p.m. indicated that Ms. Badoi had developed symptoms of tingling and numbness (paresthesias) involving her lower extremities and associated with dizziness. Her physician was first notified of this fact at approximately 9 p.m., on the day of delivery, and by 10:45 p.m., on May 16th, Dr. Herpolsheimer personally

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evaluated Ms. Badoi, and raised initial concern about a possible epidural hematoma. Ms. Badoi's lower extremity symptoms became progressive to include not only paresthesias of her lower extremities, but also weakness, for which she could really not effectively put weight on her legs, and she became progressively anxious and developed lower extremity pruritus, making it impossible for her to rest or sleep. Beginning at about 1:20 a.m. on May 17th, there is documentation of multiple calls to the covering physician for Ms. Badoi's ongoing lower extremity complaints, as well as for hypertension. On the morning of May 17, 2017, Dr. Moore, of anesthesia, was notified of Ms. Badoi's lower extremity pruritus, pain, and numbness, and it was his clinical opinion that this was unrelated to her epidural anesthetic. He did evaluate Ms. Badoi that morning, and prescribed Benadryl for the pruritus and anxiety, as well as instituted "calming techniques."

By 10:45 a.m., on the 17th, Dr. Herpolsheimer was still concerned that Ms. Badoi's lower extremity symptoms were related to an epidural hematoma, and he was given the phone numbers of the on-call neurologist and neurosurgeon, in order to request appropriate consultations. By 11:20 a.m., Ms. Badoi was made n.p.o., and was given a 500-cc bolus of fluids, and IV fluids were started, at 125 cc/hour. Stat thoracic and lumbar spine MRIs were ordered at about 1:15 p.m., and were difficult studies, because of motion artifact. By 3:15 p.m., the MRIs had been completed, with results indicating a significant thoracolumbar epidural process, for which Ms. Badoi was to be scheduled for laminectomy and evacuation of hematoma of the spinal canal.

Ms. Badoi was kept n.p.o., and was transferred to the ICU by Dr. Charles McPherson, of pulmonary medicine, and was stabilized there between around 7:35 p.m. and 8:48 p.m., with lower extremity spastic paraparesis felt to be due to an epidural hematoma, confirmed by thoracic and lumbar spine MRIs. Dr. McPherson noted her medical history to be significant for Hashimoto's thyroiditis status post thyroidectomy and on thyroid replacement therapy. She was noted to be gravida 1, para 1, with complications of her epidural anesthetic. Thrombocytopenia was noted, with a platelet count of 94,000 and a hemoglobin of 10. Dr. McPherson noted that other platelet counts ranged from 80,000 to 100,000, all the way as high as 140,000 to 160,000. He additionally noted the development of postpartum hyponatremia, with a sodium of 130 and elevation of liver function tests of a mild degree, with an ALT, AST, and alkaline phosphatase in the 140 to 150 range. He also documented ongoing postpartum hypertension, and set up a protocol of neuromonitoring in the ICU, and was to check a DIC panel, control blood pressure, and ordered platelet transfusions.

Dr. Michael Seiff, of neurosurgery, evaluated Ms. Badoi, and brought her to the operating room on May 17, 2017, with a diagnosis of thoracolumbar epidural hematoma. He noted her to be a 41-year-old female one day postpartum, who, unfortunately developed bilateral

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lower extremity paresthesias, followed by spastic paraplegia, with evaluation subsequently determining the likelihood of an epidural hematoma, for which she was emergently brought to the operating room. Intraoperatively, Dr. Seiff documented that an intradural hematoma was found, requiring T8 through L3 laminectomies for evacuation of the intradural hematoma.

Ms. Badoi remained intubated on postoperative day #1, and ongoing supportive care and management was given. She was seen by Dr. Ghani, of hematology, on May 18th, with thrombocytopenia associated with platelet clumping, reactive leukocytosis, iron deficiency anemia, and elevated liver function tests. She was noted to have gestational hypertension and a platelet count, at that time, of 149,000. A full hematology evaluation was ordered, along with supportive hematology care, including checking for Von Willebrand disease.

Additionally, on May 18, 2017, Ms. Badoi underwent neurology evaluation by Dr. Selco for an epidural hematoma, with bilateral lower extremity weakness. He documented that he had been notified by Dr. Herpolsheimer the day before, and he had advised a stat MRI of the thoracic and lumbar spines, which resulted in the defined clinical diagnosis of a thoracolumbar intradural hematoma, which was evacuated by Dr. Seiff.

Ms. Badoi was noted to be awake and alert on a ventilator at the time of Dr. Selco's neurologic evaluation, and had some movement in the proximal thighs and some ability to flex her knees and plantar flex and dorsiflex her feet. Sensation was felt to be normal postoperatively. Note was made that she received no regular or low-molecular weight heparins during the current admission.

On May 19, 2017, a social service note indicates that there was a discussion with Radu (the patient's boyfriend), and he voiced his concern that there was a delay in getting Ms. Badoi to the O.R. for laminectomy and evacuation of intradural hematoma, with the clinical problem first observed at 10 a.m., and surgery for definitive clinical intervention not being performed for more than 12 hours. The following day, Ms. Badoi developed altered mental status requiring emergency orotracheal intubation for airway protection, which was performed by Dr. McPherson, and complicated by a chip to the left front upper tooth. An MRI of the brain, at that time, for altered mental status revealed intraventricular hemorrhage and hydrocephalus, for which she was seen by Dr. Jim Forage, of neurosurgery, and brought to the operating room for placement of a right ventricular catheter. Note is made that the patient had an echocardiogram, which showed a good and well-preserved ejection fraction, and that a von Willebrand's panel was drawn, but not definitively conclusive for the presence of that disease. By May 22nd, a repeat MRI of the lumbar spine showed intradural blood products of mixed intensity, for which a lumbar drain was subsequently placed by interventional radiologist, Dr. Konchada, on May 23rd. It

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was around this time that there was first mention of the clinical problem of HELLP syndrome (hemolysis, elevated liver enzymes, and low platelet count).

Supportive care continued for Ms. Badoi, with adjustment of her medications, and for which primary cancers and/or immunologic/rheumatologic diseases were considered, but ruled out. Ms. Badoi clinically progressed to become more awake and responsive, but continued to complain of a headache intermittently. By May 31st, she was felt to have a better sleep pattern, but persistent, asymmetric bilateral lower extremity weakness, with the left lower extremity being stronger than the right, but both lower extremities were felt to be clinically improving. Bladder training was begun, and intracranial pressures were normal, and the lumbar drain was left in place for possibly proceeding with CT-myelography before removing it. Eventually, her EVD and LD were clamped. An MRI of the thoracic spine revealed an epidural hematoma, for which Dr. Seiff confirmed a diagnosis of a thoracic epidural hematoma. Dr. Seiff returned Ms. Badoi to the operating room on June 02, 2017, for evacuation of thoracic epidural hematoma, including intraoperative neurophysiologic neuromonitoring. Dr. Seiff noted that Ms. Badoi had been progressing approximately two weeks status post T8-L3 laminectomies for evacuation of intradural hematoma, but with ongoing spastic paraplegia, for which postoperative imaging revealed an epidural hematoma, with persistent mass effect on the thoracic spine, especially at the T9-T11 levels, for which elective surgical evacuation was performed.

By the next morning, on June 03, 2017, at 11:25 a.m., Ms. Badoi was sitting up in bed and working with physical therapy, when she reported becoming dizzy, and was laid down, after which she became unresponsive, had seizure-like activity, and was hypotensive. A Code Blue was called, and Ms. Badoi lost her electrical rhythm and pulse, and extensive resuscitation occurred over more than 75 minutes, before she was eventually pronounced dead, after aggressive resuscitative efforts failed. The moribund event was felt to be: pulmonary embolism versus catastrophic CSN event versus MI.

An autopsy was performed by Dr. Alane Olson on June 04, 2017. The cause of death was felt to be as a result of bilateral pulmonary thromboemboli due to deep venous thrombosis secondary to acute spastic paraparesis, following intradural hemorrhage associated with epidural anesthesia. Other comorbid conditions included recent pregnancy, pre-eclampsia, and possible von Willebrand disease. Ms. Badoi's manner of death was ruled accidental (therapeutic complication).

After review of the medical records, I am in agreement with the pathologist, Dr. Olson, as it relates to the causation in this matter. Unfortunately, Ms. Badoi suffered severe complications of an epidural anesthetic at the time of her vaginal delivery, with the development of paresthesias, weakness, and subsequently spastic paraplegia of her lower

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extremities. A thoracolumbar pathologic process was clearly identified on postpartum MRIs, requiring Dr. Seiff to emergently bring Ms. Badoi to the operating room for extensive T8-L3 laminectomies and evacuation of a compressive intradural spinal cord hematoma. Ms. Badoi's clinical course remained complicated, with the development of altered mental status and an intracranial subarachnoid hemorrhage requiring CSF diversion in the form of a right ventriculostomy catheter. She also subsequently required ongoing lumbar drainage by placement of a lumbar drain. Ms. Badoi's course was complicated by the presentation with and ongoing problems of thrombocytopenia, for which hematologic evaluation was never clearly definitive for the presence of von Willebrand disease, which, however, was suspected. Despite aggressive surgical treatment, she developed another thoracic epidural process requiring another surgery by Dr. Seiff on June 2nd. On the following day, she had an acute cardiopulmonary event resulting in pulseless asystole and for which resuscitation was unsuccessful, and for which she was pronounced dead.

Clinically, during her hospitalization, Ms. Badoi was felt to possibly have HELLP syndrome, which is a known complication of pregnancy, and at least, by some, felt to be a severe form of preeclampsia, otherwise known as gestational hypertension accompanied by proteinuria in the third trimester of pregnancy. The exact etiology of HELLP syndrome is not definitively known, but Ms. Badoi had a known risk factor of her age greater than 40. I am unaware of any known preventative management that could have been employed to avoid gestational hypertension and its complications in Ms. Badoi. HELLP syndrome has three definitive features, which include hemolysis, elevated liver enzymes, and platelet counts below normal. Ms. Badoi had at least two of these elements, though the records do not definitively reflect the presence of hemolysis after a very thorough hematologic workup. HELLP syndrome is known to be rare and occurs in less than 1% of all pregnancies, but possibly in 5% to 10% of patients with preeclampsia. Older maternal age, with pregnancy, is a known risk factor in the development of this syndrome, where preeclampsia is felt to occur in younger patients. While the possibility of HELLP syndrome as a clinical diagnosis was raised within the medical records of Ms. Badoi, no clinical classification was noted, and I will leave this to an obstetrical expert to discuss whether or not Ms. Badoi, in fact, had HELLP syndrome, and whether she had the presentation consistent with Class I disease, which is when statistically mortality can occur. The prognosis for HELLP syndrome is good, with most patients stabilizing within 24 to 48 hours, and noted protracted postpartum recovery times occurring in patients with Class I disease. Class I disease or that of complete HELLP syndrome is associated with the highest incidence of perinatal maternal morbidity and mortality, with death occurring in 1% to 3% of patients that develop HELLP, and with perinatal mortality rates of up to one-third. Morbid outcomes include DIC (disseminated intravascular coagulation), placental abruption, pulmonary edema, and renal failure.

Whether or not Ms. Badoi clinically developed a form of HELLP syndrome does not appear to be relevant to her cause of death. She clinically did present with elevated liver function tests and thrombocytopenia, and along with a clinical presentation of epistaxis, prompted Dr. Kim, of anesthesia, to appropriately refuse epidural anesthetic. Records document, however, that an epidural anesthetic was administered to Ms. Badoi for her vaginal delivery, which included episiotomy and subsequent repair. Unfortunately, the epidural anesthetic resulted in the development of an extensive intradural thoracolumbar hematoma. As a consequence of this intradural spinal cord bleed, symptomatic compression of Ms. Badoi's spinal cord developed and resulted in lower extremity paresthesias, numbness, and spastic weakness/paralysis. This resulted in the need for an emergency evacuation of the intradural hematoma, which occurred on the day after her vaginal delivery. Her clinical course was one of continued and ongoing lower extremity paraparesis and immobilization in the ICU, further complicated by altered mental status and intracranial subarachnoid hemorrhage, with hydrocephalus, requiring CSF diversion, with a right ventriculostomy. Despite aggressive management, her spinal cord hematoma redeveloped, requiring a return to the operating room more than two weeks after her initial spinal surgery. The following day, Ms. Badoi suffered a massive bilateral pulmonary embolism, which resulted in her death.

At autopsy, the pathologist correctly laid out the course of events that were causative in Ms. Badoi's death. To summarize, Ms. Badoi developed a rare and terrible complication of an epidural anesthetic at the time of her vaginal delivery. The epidural anesthetic caused the development of an intrathecal spinal bleed, which caused a compressive effect on the thoracolumbar spinal cord, and required emergency decompression on May 17, 2017. Ms. Badoi remained paraparetic and/or paraplegic for some time, and was immobilized in the ICU. Other bleeding events were noted, and she was given blood products to inhibit further bleeding complications. All of these events led to a cascade of clinical consequence, which resulted in the activation of the body's coagulation system, which physiologically is turned on in order to prevent ongoing bleeding and subsequently death. Unfortunately, the cascade of events leading to activation of the clotting mechanisms resulted in the development of a likely pelvic vein thrombosis due to activation of the clotting cascade, as well as the pressure of intrauterine pregnancy and lower extremity immobilization in the ICU, and with lower extremity paraparesis/paraplegia. The thromboembolic event that culminated in this unfortunate cascade was that of a massive pulmonary embolism, and causally was the event, which led to the death of Ms. Badoi. If not but for the complications of the epidural anesthetic, Ms. Badoi would not have developed the noxious cascade of events that culminated in the pulmonary embolism and her death. I reserve the right to amend or addend these findings as further records or documents become available.

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I declare under penalty of perjury that the foregoing is true and correct pursuant to NRS 53.045.

Sincerely,

A handwritten signature in cursive script, appearing to read "Bruce J. Hirschfeld".

Bruce J. Hirschfeld, M.D., F.A.C.S.
BJH:kk

**CURRICULUM VITAE
BRUCE J. HIRSCHFELD, M.D.**

ADDRESS

OFFICE: General Vascular Specialists
7200 W Cathedral Rock, Suite 130
Las Vegas, Nevada 89128
702-228-8600 Fax 702-228-8689

PERSONAL

Date of Birth: July 30, 1958
New York City, New York

Marital Status: Divorced
Children: Two (Hailey & Hillary Hirschfeld)

EDUCATION

Premedical: Duke University
Durham, North Carolina
Bachelor of Sciences (Magna Cum Laude)
September 1976 - May 1980

Medical School: Baylor College of Medicine
Houston, Texas
Doctorate of Medicine, 1984

Internship: Baylor College of Medicine
Houston, Texas
General Surgery Intern
July 1984 - June 1985

Residency: Baylor College of Medicine
Houston, Texas
General Surgery Residency
July 1985 - June 1987

Baylor University Medical Center
Houston, Texas
General Surgery Residency
July 1987 - June 1989

Fellowship: Baylor College of Medicine
Houston, Texas
Vascular Surgery Fellowship
July 1989 - June 1990

LICENSURE

Texas	G-8178	Effective 8/23/85
Texas Controlled Substance Certificate	M8859776	
Nevada	6059	Effective 7/1/90
Nevada Controlled Substance Certificate	CS5654	
Federal DEA Certificate	AH3221986	
Alaska	4544	Effective 11/2/00
Hawaii	11232	Effective 10/13/00

BOARD CERTIFICATION

American Board of Surgery	#34955	2/5/90 - 7/1/2020
General Vascular Surgery	#46079	5/22/91 - 7/1/2023
Surgical Critical Care	#774	10/18/91 - 7/1/2013

PRIVATE PRACTICE

May 15, 2002 - Present	General Vascular Specialists 7200 W Cathedral Rock, Suite 130 Las Vegas, Nevada 89128 702-228-8600 Fax 702-228-8689
February 2, 2002 - May 14, 2002	Leave of Absence
May 1, 1993 - February 1, 2002	The Nevada Surgical Group 7200 W Cathedral Rock, Suite 130 Las Vegas, Nevada 89128 702-258-7788 3100 W Charleston Blvd., Suite 204 Las Vegas, NV 89102 3201 S Maryland Parkway, Suite 218 Las Vegas, NV 89109
August 1, 1990 - April 30, 1993	Vascular Surgical Specialists 3100 W Charleston Blvd., Suite 204 Las Vegas, NV 89102

PROFESSIONAL SOCIETIES

American College of Surgeons (Associate Fellow)
Michael E. DeBakey International Surgical Society
Peripheral Vascular Surgery Society
Society for Critical Care Medicine
National Oncology Society

PROFESSIONAL SOCIETIES (cont.)

Nevada State Medical Association
Clark County Medical Association
The Society of Laparoscopic Surgeons
International Society of Endovascular Specialists
Association for the Advancement of Wound Care
SAGES (Society of American Gastrointestinal Endoscopic Surgeons)

APPOINTMENTS

	Clinical Assistant Professor of Surgery Department of Surgery University of Nevada
2009	Medical Director Medical Services of America Home Health
March, 2005- 2009	Medical Director Oasis Home Health, Inc.
2005 – 2007	Medical Director Valley Hospital Medical Center Wound Care Center
April 2, 2000 - 2004	Medical Director Summerlin Medical Center Wound Care Center
June 1999 - Present	State of Nevada Medical/Dental Screening Panel Participant
August 16, 2001	Chief Investigator Western Institutional Review Board Performance evaluation of changes to Ancure Endograft System and instructions for use
January 17-31, 2012	Shadowing by Henry Chen

PUBLICATIONS

Hirschfeld, B.J., McAlister, D.S., Pizzo S., and Thompson, W.M.,: Evaluation of the Anode and Cathode for Transcatheter Electrocoagulation. Acta Radiologica Diagnosis 22:133, 1981.

Philpott, C.C., Hirschfeld, B.J., Clark, H.C., and Thompson, W.M.,: The Mechanism of Transcatheter Electrocoagulation (TCEC). Investigative Radiology 18:100, 1983.

CV - Bruce J. Hirschfeld, M.D.

LECTURES

May 9, 2000	Summerlin Medical Center, Medical Director Wound Care Clinic Grand Opening Topic: Ischemic Wounds
May 25, 2000	DVT Prevention and Treatment Pharmacia & UpJohn
September 29, 2000	UMC Grand Rounds Peripheral Arterial Disease Intermittent Claudication and Pletal
November 15, 2000	Pharmacia & UpJohn Low Molecular Weight Heparin Prevention and Treatment of Venous Thromboembolism
March 21, 2001	Intermittent Claudication Peripheral Arterial Disease The Latest Pharmaceutical Therapy, Pletal
June 29 - July 1, 2002	Scleroderma Foundation National Conference 2002 "Living Well with Scleroderma" Wound Care Management in Scleroderma
July 20, 2002	Summerlin Hospital Medical Center Multidisciplinary Education Lecture Lymphedema: Etiology, Diagnosis & Management

HOSPITAL AFFILIATIONS

September 30, 1990 Associate / Surgery	University Medical Center of Southern Nevada 1800 W Charleston Blvd. Las Vegas, Nevada 89102
September 1, 1990 Active / Surgery	Sunrise Hospital 3186 S Maryland Parkway Las Vegas, Nevada 89109
January 21, 2003 Courtesy	Desert Springs Hospital 2075 E Flamingo Road Las Vegas, Nevada 89119

HOSPITAL APPOINTMENTS (cont.)

January 17, 1991 Associate / Surgery	Saint Rose Dominican Hospital 102 E Lake Mead Drive Henderson, Nevada 89015
Sienna Campus	3001 Saint Rose Parkway Henderson, Nevada 89052
August 17, 2000 Active / Surgery	Mountain View Hospital 3100 N Tenaya Way Las Vegas, Nevada 89128
May 31, 2011 Courtesy	North Vista Hospital 1409 E Lake Mead Blvd. N. Las Vegas, Nevada 89030
February 17, 2010 Provisional Status	Southern Hills Hospital 9300 W Sunset Road Las Vegas, NV 89148
November, 2011 Active/Surgery	Spring Valley Hospital 5400 Rainbow Blvd Las Vegas, Nevada 89118
November 30, 2011 Active/Surgery	Valley Hospital 620 Shadow Lane Las Vegas, Nevada 89106

CME COURSES AND ANNUAL MEETINGS

6/25/88	Tulane Medical Center New Orleans, Louisiana Surgical Forum	4 Credit Hrs
11/17 - 11/19/89	Albert Einstein College of Medicine Montefiore Medical Center 16th Annual Current Critical Problems in Vascular Surgery	22 Credit Hrs
9/24 - 9/28/90	U.C.L.A. Medical Center Los Angeles, California 8th Annual UCLA Symposium: A Comprehensive Review & Update of What's New In Vascular Surgery	32 Credit Hrs
8/1 - 8/4/91	Huntington Memorial Hospital San Francisco, California Computed Sonography Imaging and Doppler Course	15 Credit Hrs

CME COURSES AND ANNUAL MEETINGS (cont.)

9/27 - 9/29/91	University of Utah School of Medicine Salt Lake City, Utah Laparoscopic Cholestectomy	24 Credit Hrs
10/10 - 10/13/91	University of Health Sciences / The Chicago Medical School Chicago, Illinois 10th Annual Chicago Critical Care Symposium & Board Review	26 Credit Hrs
3/21 - 3/26/93	Medical Education Collaborative Aspen, Colorado The Rocky Mountain Vascular Disease Symposium	20 Credit Hrs
12/1 - 12/2/95	Education Design Marietta, Georgia Advanced Operative Laparoscopy for General Surgeons	14 Credit Hrs
1/28 - 2/2/96	The American Institute of Ultrasound in Medicine Kauai, Hawaii 5th Annual Symposium: Diagnostic and Therapeutic Approach to Vascular Diseases	32 Credit Hrs
3/19/96	Johnson & Johnson Interventional Systems Company Palmaz Balloon - Expandable Stent For Use In Iliac Arteries	
3/3/97	Endo-Surgery Institute Cincinnati, Ohio Advanced Laparoscopic Hernia Procedures	3 Credit Hrs Hands on Exp.
3/3 - 3/4/97	Endo-Surgery Institute Cincinnati, Ohio Advanced Laparoscopic Gastric Procedures	3 Credit Hrs Hands on Exp.
6/12 - 6/14/97	The Institute for Medical Education 8th Annual Symposium on Interventional Therapy for Vascular Disease	19 Credit Hrs
10/12 - 10/15/97	Medical Education Collaborative Frontiers in Vascular Disease 97	18 Credit Hrs

CME COURSES AND ANNUAL MEETINGS (cont.)

11/13 - 11/14/97	University of Cincinnati College of Medicine Laparoscopic Abdominal Solid Organ Surgery Snowmass, Colorado Rocky Mountain Vascular Disease Symposium	14 Credit Hrs
3/23 - 3/25/99	Arizona Heart Institute Intermediate Endovascular Interventions Hands on Training course	17 Credit Hrs
5/21/99	Medical Ethic and Professional Responsibility 1998 - 1999 Update for the Nevada Physician	3 Credit Hrs
11/11 - 11/12/99	Arizona Heart Institute The AnueRx Stent Graft Physician Training Program	
1/25/00	Vanderbilt University Hospital AAA training program for the application of the Ancure Endograft System for Abdominal Aortic Aneurysm Repair	
2/13 - 2/17/00	International Society of Endovascular Specialists International Congress 2000 on Endovascular Interventions	11.5 Credit Hrs
3/24/00	Valley Hospital Medical Center Endovascular Repair for Aneurysm privileges granted	
9/12/00	Ethicon, Inc. Somerville, New Jersey Integra Artificial Skin Physician Training Program	
2/9 - 2/10/01	Society of Critical Care Medicine San Francisco, California Fifth Critical Care Refresher Course	14.5 Credit Hrs
2/13/01	International Society of Endovascular Specialists Arizona Heart Institute International Congress XIV on Endovascular Interventions	2.5 Credit Hrs
2/14/01	Arizona Heart Institute ELCA Laboratory Training	8 Credit Hrs

CV - Bruce J. Hirschfeld, M.D.

CME COURSES AND ANNUAL MEETINGS (cont.)

2/11 - 2/15/01	International Congress XIV Arizona Heart Institute Endovascular Interventions	12.5 Credit Hrs
5/3/01	14th Annual Symposium on Advanced Wound Care & Medical Research Forum on Wound Repair	4 Credit Hrs
5/31/01	InforMed Medical Ethics and Professional Responsibility	2 Credit Hrs
8/5 - 8/12/01	American Seminar Institute Cardiology Review	20 Credit Hrs
8/24/01	Audio Digest Foundation Family Practice Pediatrics Emergency Medicine Internal Medicine	10 Credit Hrs 2 Credit Hrs 4 Credit Hrs 4 Credit Hrs
8/16 - 8/20/02	Society of Critical Care Medicine Chicago, Illinois SCCM/ACCP 4th Combined Critical Care Course	
4/26/03	Nevada Oncology Society Joint Sponsored by University of Kentucky Las Vegas, NV AMA Physicians Recognition Award	3.5 Credit Hrs
8/25 - 8/28/03	Summerlin Hospital Hyperbaric Medicine Center Hyperbaric Medicine	40 Credit Hrs
6/17 - 6/29/04	Audio Digest Foundation Imaging in Vascular Surgery Medicolegal Misadventures Spotlight on Endocrine Surgery When Cells Go Wild Issues in Gastrointestinal Disorders Gastrointestinal Complications Topics in Endocrine Surgery Advances in Breast Cancer Surgery Medical Errors What's New in Colorectal Surgery	2 Credit Hrs 2 Credit Hrs 2 Credit Hrs 2 Credit Hrs 2 Credit Hrs 2 Credit Hrs 2 Credit Hrs 2 Credit Hrs 2 Credit Hrs 2 Credit Hrs

CME COURSES AND ANNUAL MEETINGS (cont.)

5/18/05	Thomson American Health Consultants	
	Professionalism and Ethics in the ED	2 Credit Hrs
	The Medical Malpractice Crisis:	
	Why Are Physicians Losing?	1 Credit Hr
	Missed MI: Costly, Deadly, and	
	Sometimes Unpreventable	1 Credit Hr
	Appropriate Documentation: Your First	
	(and Best) Defense	1 Credit Hr
5/26/05	Thomson American Health Consultants	
	Raising the Ghost of 1918: Could Flu be	
	the Ultimate Bioweapon?	1 Credit Hr
5/27/05	Thomson American Health Consultants	
	Plague in the Big Apple: Rare Cases	
	Trigger Bioterrorism Response	1 Credit Hr
	Be Alert for Ricin Poison Cases after	
	Deadly Toxin Used in Threat	1 Credit Hr
	Wise or Ill-Advised? Smallpox Vaccine	
	Program Hits Hiatus	1 Credit Hr
6/27/05	Audio-Digest Foundation	
	Critical Care Update	2 Credit Hrs
	Spotlight on Trauma	2 Credit Hrs
	Traumatic Injuries	2 Credit Hrs
	Tips on Trauma	2 Credit Hrs
	Orthopaedic Trauma	2 Credit Hrs
	Trauma Wounds	2 Credit Hrs
	ATLS: Fact or Fiction?	2 Credit Hrs
	Head Trauma	2 Credit Hrs
	Trauma of the Torso	2 Credit Hrs
	More on Trauma	2 Credit Hrs
1/16 – 1/21/06	The North American Center for	
	Continuing Medical Education	
	American College of Hyperbaric Medicine	
	Columbus, Ohio	47.5 Credit Hrs
	Principles of Wound Healing	
	and Hyperbaric Medicine	
4/27/07	The University of Nevada School of Medicine	
	Risk Management for the Physician Office	3.5 Credit Hrs
1/14 – 1/15/08	Gore Advanced AAA Symposium	
	Las Vegas, Nevada	

CME COURSES AND ANNUAL MEETINGS (cont.)

5/26/09	The University of Oklahoma College of Medicine Oklahoma City, Oklahoma Medical Ethics Today: A CME Update	2 Credit Hrs
3/31/09	Oakstone Medical Publishing The New York General Surgery Board Review	41.5 Credit Hrs
10/1/09	American College of Surgeons Surgical Education and Self-Assessment Program No.13	60 Credit Hrs
12/28/09-01/01/10	American Seminar Institute Playa Del Carmen, Mexico General Surgery Review	18 Credit Hrs
2/28/10	Audio-Digest Foundation Resistent Bugs Laparoscopy Update A New Look at Surgery Renal Failure/Hyperbaric Medicine Issues in the Pelvic Region Anticoagulants and Blood Weighty Surgical Issues GI Surgery Thyroid Surgery	2 Credit Hrs 2 Credit Hrs 2 Credit Hrs 2 Credit Hrs 2 Credit Hrs 2 Credit Hrs 2 Credit Hrs 2 Credit Hrs 2 Credit Hrs
5/16/11	Johns Hopkins University School Of Medicine Practical Reviews in General Surgery	3 Credit Hrs
5/28/11	Medical Risk Management Risk Management Consult: Avoiding Medical Systems Failures	4 Credit Hrs
8/9/11	Society for Vascular Surgery Vascular Education and Self-Assessment Program VESAP 1	45 Credit Hrs
8/12-8/14/2011	American Physician Institute for Advanced Professional Studies Schaumburg, Illinois Vascular Surgery Comprehensive Review Course	29 Credit Hours
3/18/12	Medical Risk Management Risk Management Consult: Documentation	5 Credit Hrs

CME COURSES AND ANNUAL MEETINGS (cont.)

10/2012	American Physician Institute for Advanced Professional Studies Oak Brook, Illinois Vascular Surgery Comprehensive review	27 Credit Hrs
9/10/2012	David Geffen School of Medicine at UCLA Hollywood, California What's New in Vascular and Endovascular Surgery	34.5 Credit Hrs
4/27/2013	Medical Risk Management Risk Management: Managing Disruptive Physician Behavior	5 Credit Hrs
4/15/15	Medical Risk Management Risk management: Avoiding Medical System Failures,	5 Credit Hrs
5/2/16	Medical Risk Management Risk management: Essentials for physicians second edition	10 credit Hrs
4/5/17	Medical Risk Management Risk management: The Complete Series second edition	6 Credit Hrs
3/3/18	Medical Risk Management Risk management: Avoiding Medical System Failures	6 Credit Hrs
3/28/18	Med-IG Can a known complication be Malpractice	1 Credit Hr
4/1/18	David Geffen School of Medicine at UCLA Comprehensive Review and Update of Whats new in Vascular and Endovascular Surgery	25 Credit Hrs

A-18-775572-C Estate of Alina Badoi, Plaintiff(s)
vs.
Dignity Health, Defendant(s)

January 29, 2021 03:00 AM Defendant Dignity Health d/b/a St. Rose Dominican Hospital's
Motion for Judgment on the Pleadings as to Plaintiff's Claims for
Negligent Credentialing and Negligent Hiring, Training, and
Supervision

HEARD BY: Kierny, Carli

COURTROOM: Chambers

COURT CLERK: Jacobson, Alice

RECORDER:

REPORTER:

PARTIES PRESENT:

JOURNAL ENTRIES

Estate of Alina Badoi v. Dignity Health A-18-775572-C Having considered Defendant Dignity Health's Motion for Judgment on the Pleadings and Defendant U.S. Anesthesia Partners (USAP)'s Partial Joinder to Defendant Dignity Health's Motion and the parties' opposition and replies to the same, as well as oral argument on January 27, 2021, the Court rules as follows:

Defendants' requests for Judgment on the pleadings under Rule 12(c) is not premature.

NRCP 12(c) provides that motion for judgment on the pleadings can be filed after the pleadings are closed but within such a time as not to delay trial. NRCP 7 defines the pleadings as: (1) a complaint; (2) an answer to a complaint; (3) an answer to a counterclaim designated as a counterclaim; (4) an answer to a crossclaim; (5) a third-party complaint; (6) an answer to a third-party complaint; and (7) if the court orders one, a reply to an answer. While Plaintiff contends Defendants' NRCP 12(c) motions are premature because the deadline to amend pleading and add parties has not yet expired, they provide no cited authority for this proposition. Furthermore, plaintiff did not ask to continue this motion past February 11 (the date cited in their motion) to add any additional parties or amend their pleadings. If such motion was made, it would have been freely granted. Therefore, the Court finds that Defendants' requests are ripe for decision.

Plaintiff's claims as to negligent credentialing and negligent hiring, training, supervision, or retention both sound in professional negligence, not ordinary negligence.

NRS 41A.015 defines professional negligence as the failure of a provider of health care, in rendering services, to use the reasonable care, skill, or knowledge ordinarily used under similar circumstances by similarly trained and experienced providers of healthcare. A claim of negligent hiring, supervision or training does not fall under NRS 41A.015, but is rather classified as ordinary negligence, where the underlying facts of the case do not fall within this definition. *Szymborski v. Spring Mountain Treatment Ctr.*, 133 Nev. 638, 647 (2017). The Plaintiff contends that the negligent hiring, training, supervisions or retention claims are ordinary negligence.

To determine whether a claim sounds in professional or ordinary negligence, the Court must look to whether Plaintiff's claims involved medical diagnosis, judgment, or treatment, or were

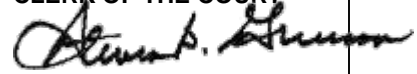
based on the performance of nonmedical services. *Id.* at 641. If an alleged breach involves medical judgment, diagnosis, or treatment, it is likely a claim for medical malpractice. *Id.* There are circumstances where the negligence alleged involves a medical diagnosis, judgment, or treatment but the jury can evaluate the reasonableness of the health care provider's actions using common knowledge and experience, a situation that was addressed by the Nevada Supreme Court in *Estate of Curtis v. South Las Vegas Medical Investors LLC*, 136 Nev. Adv. Op. (2020). The court further held that negligent hiring, training, and supervision claims cannot be used to circumvent NRS Chapter 41A's requirements governing professional negligence lawsuits when the allegations supporting the claims sound in professional negligence. Where the allegations underlying negligent hiring claims are inextricably linked to professional negligence, courts have determined that the negligent hiring claim is better categorized as vicarious liability rather than an independent tort.

Applying that rule here, Plaintiff's complaint alleged that defendants had a duty to exercise due care in the selection, training, supervision, oversight, direction, retention and control of its employees and/or agents, retained by it to perform and provide services. Plaintiff further alleged that the breach of that duty caused Ms. Badoi's death. However, if the underlying negligence did not cause Alina's death, no other factual basis is alleged for finding Defendants liable for negligent hiring, training, and supervision. As the NV Supreme Court stated in *Zhang*, the medical injury could not have resulted from the negligent hiring, training, and supervision without the negligent rendering of professional medical services. Plaintiff's claims are inextricably linked to the underlying negligence, which is professional negligence. Therefore, the plaintiff's complaint is subject to NRS 41A.071's affidavit.

Plaintiff's affidavit does not conform with these requirements and this Court has no discretion but to grant the defendant's motion.

NRS 41A.071 provides that if an action for professional negligence is filed in the district court, the district court shall dismiss the action, without prejudice, if the action is filed without a supporting affidavit from a medical professional. The affidavit must: (1) support the allegations contained in the action; (2) Be submitted by a medical professional who practices or has practiced in an area that is substantially similar to the type of practice engaged in at the time of the alleged professional negligence; (3) Identify by name or describe by conduct, each provider of health care who is alleged to be negligent; and (4) Set forth factually a specific act or acts of alleged negligence separately as to each defendant in simple, concise, and direct terms. In the present case, the Plaintiff's affidavit, completed by licensed anesthesiologist Dr. Yaakov Beilin, is devoid of any support whatsoever for a negligent hiring or credentialing claim. Therefore, the Court finds that Dr. Beilin's affidavit is insufficient to satisfy the requirements of NRS 41A.071, and the Court must dismiss the claims that do not comply with 41A.071.

Accordingly, it is hereby ordered that both Defendant Dignity Health's Motion for Judgment on the Pleadings and Defendant USAP's Partial Joinder to Defendant Dignity Health's Motion are GRANTED and the Plaintiff's second and fourth claims are dismissed. Defendant Dignity Health did raise additional issues related to the negligent credentialing claim and the negligent hiring, training, supervision, or retention claim; however, as this decision dismisses those claims, those arguments are presently moot.



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d/b/a St. Rose Dominican Hospital – Siena Campus

DISTRICT COURT

CLARK COUNTY, NEVADA

LIVIU RADU CHISIU, as Special
Administrator for the ESTATE OF ALINA
BADOI, Deceased; LIVIU RADU CHISIU,
as Parent and Natural Guardian of SOPHIA
RELINA CHISIU, a minor, as Heir of the
ESTATE OF ALINA BADOI, Deceased

Plaintiffs,

vs.

DIGNITY HEALTH, a Foreign Non-Profit
Corporation d/b/a ST. ROSE DOMINICAN
HOSPITAL – SIENA CAMPUS; JOON
YOUNG KIM, M.D., an Individual; U.S.
ANESTHESIA PARTNERS, INC., a Foreign
Corporation; DOES I through X, inclusive;
and ROE BUSINESS ENTITIES XI through
XX, inclusive,

Defendants.

CASE NO.: A-18-775572-C
DEPT NO.: XVII

DEFENDANT DIGNITY HEALTH d/b/a
ST. ROSE DOMINICAN HOSPITAL'S
MOTION FOR SUMMARY JUDGMENT
AND, ALTERNATIVELY, MOTION
FOR PARTIAL JUDGMENT ON THE
PLEADINGS JUDGMENT

HEARING REQUESTED

COMES NOW, Defendant, ST. ROSE DOMINICAN HOSPITAL – SIENA CAMPUS,
by and through its attorneys of record, HALL PRANGLE & SCHOONVELD, LLC, and hereby
files this Motion for Summary Judgment and, alternatively, Motion for Partial Judgment on the
Pleadings Judgment.

This Motion is made and based upon the papers and pleading on file herein, the Memorandum of Points and Authorities attached hereto, any other evidence that the Court deems just and proper, and any argument of counsel which may be heard at the time of any hearing on the matter.

DATED this 18th day of October, 2021.

HALL PRANGLE & SCHOONVELD, LLC

By: /s/:Tyson J. Dobbs

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d/b/a St. Rose Dominican Hospital – Siena Campus

I.

INTRODUCTION

Plaintiffs' Complaint is premised on professional negligence of an anesthesiologist, Defendant Joon Young Kim, M.D. Specifically, Plaintiffs allege that negligent placement of an epidural led to a pulmonary thromboemboli that caused Alina Badoi's death. The remaining claims in Plaintiff's Complaint purportedly asserted against St. Rose Hospital include: (1) Professional Negligence; (2) Fraudulent Concealment and/or Omissions; (3) Ostensible Agency/Vicarious Liability; and (4) Wrongful Death Pursuant to NRS 41.085.¹

As set forth below, Defendant St. Rose Hospital is entitled to summary judgment because Plaintiffs' claims are barred by the one-year statute of limitations set forth in NRS 41A.097(2). This is because the evidence is irrefutable that Plaintiffs discovered the facts giving rise to the Complaint as of June 3, 2017, but did not file the lawsuit until June 5, 2018.

¹ This Court previously granted Defendants' Motion for Judgment on the Pleadings as to Plaintiffs' claims for Negligent Credentialing and Negligent Hiring, Training, and Supervision.

Alternatively, however, Defendant is requesting judgment on the pleadings as to Plaintiff's claims for Professional Negligence and Wrongful Death. This motion is being filed at this time because the scope of Plaintiff's recent discovery exceeds the allegations of professional negligence against St. Rose Hospital detailed in the Complaint, e.g. vicarious liability for the negligent placement of an epidural by anesthesiologist Dr. Kim. Indeed, a vicarious liability claim premised on the negligence of Dr. Kim is the only legally viable professional negligence claim asserted against St. Rose Hospital pursuant to NRS 41A.071. Plaintiff's separately stated causes of action for "Professional Negligence" and "Wrongful Death" in the Complaint are thus duplicative of the cause of action for "Ostensible Agency/Vicarious Liability." Therefore, to the extent Plaintiffs interpret their Complaint to provide a basis for either a direct claim for negligence against St. Rose Hospital, or some other vicarious liability claim arising out of the alleged negligence of some unidentified healthcare provider other than Dr. Kim, the claims are *void ab initio* pursuant to NRS 41A.071 and must be dismissed.

Therefore, St. Rose Hospital respectfully requests summary judgment as to the entire case due to the expiration of the statute of limitations. Alternatively, Defendant requests judgment on the pleadings as to Plaintiff's separately stated causes of action for Professional Negligence and Wrongful Death, thus limiting Plaintiff's Complaint against St. Rose Hospital to the only viable cause of action asserted therein – professional negligence based on vicarious liability for Dr. Kim.²

II.

BACKGROUND

A. Plaintiff's Allegations

According to the Complaint and expert affidavits, Alina Badoi was admitted to St. Rose Hospital on May 15, 2017, for induction of labor. *See generally* Complaint. Prior to giving birth, the anesthesiologist, Dr. Joon Young Kim, placed an epidural catheter for pain. *See generally* Complaint, **Exhibit A** at p. 1. Ms. Badoi developed spastic paraparesis and an

² Likewise, if Plaintiffs are contending that their Fifth Cause of Action for "Ostensible Agency/Vicarious Liability" imparts liability to St. Rose Hospital for negligence of any healthcare provider other than Dr. Kim, that cause of action must be limited to Dr. Kim.

intradural hematoma for which she underwent a laminectomy from T8 to L3. *Id.* Lumbar spinal and interventricular drains were placed, and Ms. Badoi remained hospitalized. *Id.* She passed away on June 3, 2017, due to pulmonary thromboemboli. *Id.*

Plaintiffs' Complaint alleges that Ms. Badoi's care and treatment by St. Rose Hospital and Dr. Joon Young Kim fell below the standard of care. *Id.* at p. 2. According to Plaintiffs' expert, anesthesiologist Dr. Yaakov Beilin, St. Rose Hospital and Dr. Kim Young Joon "failed to fully assess the bleeding risk of Alina Badoi *prior* to place [sic] her epidural catheter" and placed "an epidural catheter in a patient at significant risk for bleeding." *Id.* (emphasis added). Dr. Beilin believes these deviations from the standard of care resulted in the subdural, intradural, and epidural hematomas Ms. Badoi developed which, in turn, resulted in her death. *Id.*

B. Plaintiff's Claims and Procedural History

Plaintiff's Complaint includes six separate causes of action arising from these facts: (1) Professional Negligence (2) Negligent Credentialing; (3) Fraudulent Concealment and/or Omissions; (4) Negligent Hiring, Training, Retention and Supervision; (5) Ostensible Agency/Vicarious Liability; and (6) Wrongful Death Pursuant to NRS 41.085.

The cause of action for Professional Negligence alleges that "Defendants" breached the standard of Care in two ways: (1) failing to "fully assess Alina Badoi's bleeding risk prior to placing the epidural catheter for labor analgesia;" and (2) "placing an epidural in a patient at significant risk for bleeding." *See* Exhibit A at ¶ 22.

Plaintiffs' Wrongful Death claim is similarly premised on the alleged failure of Defendants "to provide proper care for Decedent," leading to Alina Badoi's death "from bilateral pulmonary thromboemboli and deep venous thrombosis." *See* Exhibit A at pg. 12, ¶ 70-71.

This Court previously Granted Defendants' Motion for Judgment on the Pleadings as to the Second and Fourth Causes of Action for Negligent Credentialing and Negligent Hiring, Training, Retention, respectively. *See* Order Granting Defendants' Motion for Judgment on the Pleadings, attached hereto as **Exhibit B**. The Court reasoned that both claims "sound in professional negligence, not ordinary negligence" but the affidavit of merit attached to the

Complaint is “devoid of any support whatsoever for a negligent hiring or credentialing claim.”
Accordingly, both claims were dismissed pursuant to NRS 41A.071.

III.

STATEMENT OF UNDISPUTED FACTS

1. On May 15, 2017, Alina Badoi was admitted to St. Rose Hospital for a scheduled induction of labor to deliver her child. *See* Deposition Transcript of Plaintiff Liviu R. Chisiu at 53:1-21, attached hereto as **Exhibit C**.

2. On May 16, 2017, Alina Badoi gave birth to a healthy baby girl. *See id.* at 83:18-22.

3. On May 17, 2017, Alina Badoi experienced progressive numbness and tingling in her lower extremities. *Id.* at 83:23-84:9. An MRI performed the same day revealed a hematoma in her spine. *Id.* at 96:4-6; 101:9-17.

4. An emergent laminectomy was thereafter performed by the neurosurgeon to evacuate the hematoma from her spine. *Id.* 102:5-12.

5. After the surgery at about 5:00 a.m. on May 18, the neurosurgeon had a discussion with Plaintiff post-operatively, wherein Plaintiff was informed that “the epidural was intradural.” *See id.* at 102:18-103:11.

6. As to his understanding of the significance of such information, Plaintiff testified as follows:

Q. All right. So she undergoes surgery. Does the surgeon talk to you postoperatively?

A. Yes.

Q. Okay. What does the surgeon tell you postoperatively?

A. Well, it was like probably like 5:00 in the morning and he said that he went, he did the surgery, the epidural was intradural, there were blood clots everywhere, he did his best to clean it up, and that’s part of what I recall.

Q. Okay So you used the word intradural.

A. Yes.

Q. What do you – what’s your understanding of what intradural means?

A. Meaning that **he was explaining somehow that the epidural, instead of going in the right place, it went past the right place and punctured the dura.**

Id. at 102:18-103:11 (emphasis added).

7. Alina Badoi requested her medical records on June 1 while she was still hospitalized at St Rose Hospital. *See id.* at 143:14-144:3; *see also* Declaration of Amy Vanik, attached hereto as **Exhibit D**.

8. Regarding the purpose of the request for the medical records, Plaintiff testified as follows:

Q. And what was the purpose of requesting those records?

A. **Well, because I realized that something is not done right. When you go happy, when you leave healthy from the house to give birth to a baby and things like this happen, I realize that something maybe is not quite right.**

...

Q. And so what you knew was you came in with Alina for her to give birth—

A. Yes.

Q. —and after the birth, she is now having paralysis, correct?

A. Yes.

Q. She has to have a laminectomy?

A. Yes.

Q. And then you had a conversation with a surgeon who said that basically, what I understood that your conversation was that he told you that the dura had been perforated?

A. That's correct.

Q. So you had all this information as of May of 2017?

A. **Yeah, I had that information 17, 18 of May, and I requested the records I think end of May, like first of June or the last day of May, when I saw that things are not quite going the right way.**

Q. You don't recall a specific date, but it was still while Alina was at the hospital?

A. That's correct, yes, she was still alive.

Exhibit C at 144:4-145:12.

9. Plaintiff was provided the requested records the next day, June 2, 2017. *See* Exhibit D.

10. Alina Badoi died on Saturday, June 3, 2017.

11. Plaintiff decided to seek an attorney in relation to Alina's death "right after it happened, after, in the first month." *See* Exhibit C at 150:7-12.

12. On June 7, 2017, Plaintiff's sister, Viorica Habara requested a copy of Alina Badoi's medical records covering the period of healthcare from May 9, 2017, through June 3, 2017. *See* Exhibit D. A complete copy of these records was released to Ms. Habara on June 15, 2017. *Id.*

13. On or about September 6, 2017, Ms. Habara requested a certified copy of the records that she had received on June 15, 2017. *See* **Exhibit D**. A complete copy of the records was released to Ms. Habara on September 13, 2017. *Id.*

14. Ms. Habrara testified that no one refused to provide her medical records and that she received the medical records she requested. *See* Deposition Transcript of Viorica Habara, at 140:18-141:4, attached hereto as **Exhibit E**.

15. Plaintiff Livru Chisiu likewise was never refused records and has no knowledge of any alteration, destruction, forgery, or refusal to maintain Plaintiff's records by St. Rose Hospital. *See* Exhibit C at 191:14-192:2.

16. On January 29, 2018, the Christiansen Law Offices requested Alina Badoi's medical records via subpoena. *See* Exhibit D. As there was no authorization form served with the subpoena, on January 31, 2018, an objection letter was sent in response. *Id.*

17. On March 20, 2018, the Christiansen Law Offices requested Alina Badoi's medical records again via subpoena. *See* Exhibit D. A complete certified copy was released to the law firm via CD on April 11, 2018. *Id.*

18. The records disclosed by Plaintiffs in this action were the records provided to Viorica Habara in September of 2017. *See* Excerpt of Plaintiff's NRCP 16.1 Disclosure with corresponding COR Affidavit, attached hereto as **Exhibit F**.

19. One of the experts that provided an affidavit in support of Plaintiffs' Complaint was Dr. Bruce Hirschfeld. Dr. Hirschfeld's affidavit was executed on June 2, 2018. *See* Exhibit A.

20. Dr. Hirschfeld's affidavit indicates that he was in possession of 4,422 pages of St. Rose Hospital medical records at the time he executed his affidavit on June 2, 2018. *See id.*

21. Plaintiff's lawsuit was filed on June 5, 2018, more than one year after Ms. Badoi's death. *See* Exhibit A.

IV.

LEGAL STANDARDS

A. Summary Judgment

NRCP 56 allows for summary judgment when there is no genuine issue of material fact and the moving party is entitled to a judgment as a matter of law. *Busch v. Flangas* 108 Nev. 821, 837 P.2d 438 (1992). Summary judgment promotes judicial economy and reduces litigation expense associated with actions clearly lacking merit. *Elizabeth E. v. APT Sec. Sys. W.* 108 Nev. 889, 839 P.2d 1308 (1992). Summary judgment does not involve resolution of factual issues but seeks to discover if any real issue of fact exists. *Daugherty v. Wabash Life Insurance Co.*, 87 Nev. 32, 482 P.2d 814 (1971). Where an essential element of a claim for relief is absent, summary judgment is proper. *Bulbman. Inc. v. Nevada Bell* 108 Nev. 105, 111, 825 P.2d 588, 592 (1992). The party opposing summary judgment must set forth specific, admissible evidence which supports her claim. *Posadas v. City of Reno* 109 Nev. 448, 452, 851 P.2d 438, 442 (1993). A party opposing summary judgment may not rely on the allegations of her pleadings to raise a material issue of fact where the moving party supports his motion with competent evidence. *Barmettler v. Reno Air, Inc.* 956 P.2d 1382 (Nev. 1998). The nonmoving party bears the burden of showing there is more than “some metaphysical doubt” as to the operative facts in order to avoid summary judgment being entered in the moving party's favor. *Wood v. Safeway* 121 Nev. 724, 121 P.3d 1026 (2005).

Under Nevada Rule of Civil Procedure 56, a party seeking summary judgment must satisfy two substantive requirements: (1) There must be no genuine issue as to any material fact; and (2) The moving party must be entitled to judgment as a matter of law. *Anderson v. Liberty Lobby, Inc.*, 477 U.S. 242, 247 (1985). A material fact is one which will affect the outcome of the action. *Id.* at 248.

B. Judgment on the Pleadings

A 12(c) motion provides “a means for disposing of cases” when judgment on the merits presents only a question of law. *Bernard v. Rockhill Dev. Co.*, 103 Nev. 132, 135, 734 P.2d 1238, 1241 (1987). “After the pleadings are closed but within such time as not to delay trial, any

party may move for judgment on the pleadings.” Nev. R. Civ. P. 12(c). “[T]he pleadings are closed upon the filing of a complaint and an answer (absent a court-ordered reply), unless a counterclaim, crossclaim, or third-party claim is interposed, in which event the filing of an answer to a counterclaim, crossclaim answer, or third-party answer normally will mark the close of the pleadings.” 5 C. Wright & A. Miller, *Federal Practice and Procedure* Civ. § 1367 (3d ed.) (citing Federal Rule of Civil Procedure 7) (emphasis added).³

Additionally, NRCP 12(h)(2) states in pertinent part that the “[f]ailure to state a claim upon which relief can be granted . . . may be raised . . . by a motion under Rule 12(c)” Nev. R. Civ. P. 12(h)(2). Federal Courts have interpreted the identical federal rules to allow a motion for judgment on the pleadings to seek dismissal for a plaintiff’s failure to state a claim for relief, where such a defense has been preserved by affirmative defense in the Defendant’s answer. *See, e.g., Turbe v. Gov’t of Virgin Islands*, 938 F.2d 427, 428 (3d Cir. 1991) (stating that although the defendant filed its motion after it filed an answer it would be considered a Rule 12(c) motion because “Rule 12(h)(2) provides that a defense of failure to state a claim upon which relief can be granted may also be made by a motion for judgment on the pleadings”).⁴ In such situations, the Courts “apply the same standards as under Rule 12(b)(6).” *Id.*; *see also Sadler v. PacifiCare of Nev., Inc.*, 130 Nev. 990, 340 P.3d 1264, 1266 (2014); *see also Peck v. Zipf*, 407 P.3d 775, 778 (Nev. 2017) (“[a] judgment on the pleadings is reviewed in the same manner as a dismissal under NRCP 12(b)(5)”).

The standard under Rule 12(c) is the same as for a 12(b)(5) motion to dismiss for failure of the pleading to state a claim for relief. *Sadler v. PacifiCare of Nev.*, 130 Nev. Adv. Op. 98, at 3, 340 P.3d 1264, 1266 (2014). The district court may grant a motion for judgment on the

³ Nevada Rule of Civil Procedure 7 defines the pleadings as:

- (1) a complaint;
- (2) an answer to a complaint;
- (3) an answer to a counterclaim designated as a counterclaim;
- (4) an answer to a crossclaim;
- (5) a third-party complaint;
- (6) an answer to a third-party complaint; and
- (7) if the court orders one, a reply to an answer.

⁴ NRCP 12 is modeled after FRCP Rule 12, thus any federal case analyzing FRCP Rule 12 is strongly persuasive.

pleadings when the material facts of the case “are not in dispute and the movant is entitled to judgment as a matter of law.” NRCp 12(c); *Bonicamp v. Vasquez*, 120 Nev. 377, 379, 91 P.3d 584, 585 (2004). In reviewing a judgment on the pleadings, the court accepts the factual allegations in the complaint as true and draw all inferences in favor of the nonmoving party. *Buzz Stew, LLC v. City of N. Las Vegas*, 124 Nev. 224, 228, 181 P.3d, 670, 672 (2008) (setting forth the standing of review for an order dismissing a complaint under NRCp 12(b)(5)).

V.

ARGUMENT

A. Summary Judgment should be granted as to St. Rose Hospital because Plaintiffs’ Complaint is barred by the Statute of Limitations.

St. Rose Hospital is entitled to summary judgment because Plaintiff did not file this lawsuit within one year of inquiry notice of the facts giving rise to Plaintiffs’ Complaint, and there is no basis to toll the statute of limitations due to concealment of records.

1. The evidence is irrefutable that Plaintiff discovered Ms. Badoi’s injury as of her death on June 3, 2017.

Pursuant to NRS 41A.097(2) “an action for injury or wrongful death against a provider of health care may not be commenced more than 3 years after the date of injury *or 1 year after the plaintiff discovers or through the use of reasonable diligence should have discovered the injury*, whichever occurs first....” (emphasis added). The Nevada Supreme Court has clarified that a Plaintiff must “satisfy *both* the one-year discovery rule and the three-year limitations period.” *Wynn v. Sunrise Hosp. & Med. Ct.*, 128 Nev., 277 P.3d 458, 461 (2012) (emphasis added).

The one-year period begins to run when the plaintiff “knows or . . . should have known of the facts that would put a reasonable person on inquiry notice of his cause of action.” *Massey v. Litton*, 99 Nev. 723, 726-728, 669 P.2d 248, 250-52 (1983). “[A] person is on ‘inquiry notice’ when he or she should have known of facts that ‘would lead an ordinarily prudent person to investigate the matter further.’” *Winn v. Sunrise Hosp. and Med. Ctr.*, 128 Nev. 246, 252-53, 277 P.3d 458, 462-63 (2012) (quoting Black’s Law Dictionary 1165 (9th ed. 2009)). “[T]hese facts need not pertain to precise legal theories the plaintiff may ultimately pursue, but merely to the plaintiff’s general belief that someone’s negligence may have caused his or her injury.” *Id.*

In wrongful death actions based upon professional negligence, the earliest the statute of limitations begins to run is at the patient's death. *See Pope v. Gray*, 104 Nev. 358, n. 4, 760 P.2d 763 (1988) (citing *Gilloon v. Humana, Inc.*, 100 Nev. 518, 521 687 P.2d 80, 82 (1984)). However, if the plaintiff is placed on inquiry notice of professional negligence before the death, the death triggers the statute of limitations. *See id.* (stating that "in *Gilloon*, because the plaintiff discovered the negligence before death occurred, death was the final element necessary to trigger the two-year statute of limitations).

"The accrual date for the statute of limitations is a question of law only if the facts are uncontroverted." *See Winn v. Sunrise Hosp. and Med. Ctr.*, 128 Nev. Adv. Op. 23, 277 P.3d 458, 462-63 (2012) (quoting *Day v. Zubel*, 112 Nev. 972, 977, 922 P.2d 536, 539 (1996)). Therefore, a dismissal based on the expiration of the statute of limitations is appropriate "when uncontroverted evidence irrefutably demonstrates plaintiff discovered or should have discovered the facts giving rise to the cause of action." *Id.* (quoting *Bemis v. Estate of Bemis*, 114 Nev. 1021, 1025, 967 P.2d 437, 440 (1998)).

In *Winn v. Sunrise Hosp. and Med. Ctr.*, a patient's father filed a medical malpractice case after the patient suffered a brain injury during heart surgery. In evaluating timeliness of the action under NRS 41A.097, the Nevada Supreme Court determined that plaintiff "discovered" the injury "no later than . . . the date when he received the initial 182 pages of medical records." *Winn* at 253-254, 277 P.3d at 463. The Court reasoned that by this point the plaintiff "had access to facts that would have led an ordinarily prudent person to investigate further into whether [plaintiff's] injury may have been caused by someone's negligence." Accordingly, the Court held that such evidence "irrefutably" demonstrated "inquiry notice of [plaintiff's] cause of action." *Id.*

Here, the evidence irrefutably demonstrates that Plaintiff's injury was discovered as of June 3, 2017, the date of Alina Badoi's death. As of that date, Plaintiff was clearly aware that Ms. Badoi had presented to the hospital on May 15, for the scheduled delivery of her child. Plaintiff was aware that Ms. Badoi was healthy at the time of admission and prior to the delivery but was essentially paralyzed within approximately 24 hours of the delivery of her child due to bleeding in her spine, which bleeding required emergent spine surgery on May 18. In fact,

Plaintiff's understanding as of May 18 regarding the reason for the bleeding and subsequent paralysis, is the very theory asserted in the Complaint – the hematoma in Ms. Badoi's spine was caused by a puncture in the dura by the epidural administered during her labor. Indeed, Plaintiff even requested and received the medical records prior to Ms. Badoi's death because he "realize[d] that something maybe is not quite right." Consequently, because it is irrefutable that Plaintiff "discovered the negligence before death occurred, death was the final element necessary to trigger the [one-year] statute of limitations." *See Pope v. Gray*, 104 Nev. 358, n. 4, 760 P.2d 763 (1988) (citing *Gilloon v. Humana, Inc.*, 100 Nev. 518, 521 687 P.2d 80, 82 (1984)). The statute of limitations therefore commenced on June 3, 2018. The statute of limitations had therefore expired as of the filing of the Complaint on June 5, 2018.

2. There is no evidence to support tolling the statute of limitations for concealment.

Due to the inclusion of a Fraudulent Concealment claim in the Complaint, Plaintiff will likely argue that the statute of limitations should be tolled pursuant to NRS 41A.097(3). However, such an argument fails given Plaintiff was on notice of the very theory of negligence set forth in the Complaint as of May 18, 2017.

NRS 41A.097(3) tolls the one-year limitations period set forth above "for any period during which the provider of health care has concealed any act, error or omission upon which the action is based and which is known or through the use of reasonable diligence should have been known to the provider of health care." To warrant tolling under this provision, the Nevada Supreme Court has explained that a plaintiff must satisfy a two-prong test: (1) the defendant "intentionally withheld information," and (2) "that this withholding would have hindered a reasonably diligent plaintiff from procuring an expert affidavit." *Winn v. Sunrise Hosp. and Med. Ctr.*, 128 Nev. Adv. Op. 23, 277 P.3d 458, 464 (2012). "In other words, the concealment must have interfered with a reasonable plaintiff's ability to satisfy the statutory requirement that the complaint be accompanied by an expert affidavit." *See Kushnir v. Eighth Judicial District Court*, 137 Nev. Adv. Op. 41, 2021 WL 3464145 at *4 (Aug 5, 2021).

Here, there is no evidence of any of intentional act to prevent Plaintiff from access to medical records as alleged in the Complaint. In fact, it is undisputed that Plaintiff requested and received the medical records by June 2, 2017. Moreover, Plaintiff admitted at deposition that he

has no evidence of any refusal to provide or otherwise prohibit Plaintiff access to the medical records. Indeed, it is undisputed that Plaintiff was provided records every time they were requested. That there were additional pages in the various requests for records made by Plaintiff is irrelevant since Plaintiff had access to all the records requested. Plaintiff is therefore in the unique position of knowing what additional records were produced in subsequent requests.

Regardless, Plaintiffs cannot prove that any withheld records hindered Plaintiffs' ability to secure an affidavit of merit. This is clear from the fact that Plaintiff knew, as of May 18, 2017, that Ms. Badoi had sudden bleeding in her spine requiring emergent spine surgery after presenting to the hospital for a scheduled induction of labor to deliver a baby. In fact, it was Plaintiff's understanding at that time that Ms. Badoi's condition was the direct result of misplacement of the epidural – which just so happens to be the very theory of negligence and causation asserted in the Complaint.

That Plaintiff was not “hindered . . . from timely filing suit” is further evidenced by the undisputed fact that the medical records disclosed by Plaintiff in this action are from September 2017. Moreover, the affidavit of Bruce Hirschfeld, M.D., which is attached to Plaintiff's Complaint, is dated within the one-year statute of limitations period – June 2, 2017. Accordingly, it is undisputed that there was no concealment that precluded Plaintiffs from satisfying the statutory requirement to obtain an affidavit of merit. *See Kushnir v. Eighth Judicial District Court*, 137 Nev. Adv. Op. 41, 2021 WL 3464145 at *4 (Aug 5, 2021) (explaining that for purposes of demonstrating concealment to toll the statute of limitations “the concealment must have interfered with a reasonable plaintiff's ability to satisfy the statutory requirement that the complaint be accompanied by an expert affidavit”). Therefore, there is no basis to toll the statute of limitations for concealment.

B. Alternatively, Judgment on the Pleadings is warranted as to Plaintiffs' claims for Professional Negligence and Wrongful Death.

1. Plaintiff's claim for Professional Negligence against St. Rose Hospital should be dismissed as redundant of the Vicarious Liability/Ostensible Agency claim.

Although Plaintiff's Complaint includes a broad, vaguely worded claim for Professional Negligence against the “defendants” collectively, the only legally viable claim for Professional

Negligence set forth in the Complaint derives from the alleged negligence of Dr. Kim. *See* NRS 41A.071 (requiring an affidavit of merit from an expert in a “substantially similar” area of practice that “[s]ets forth factually a specific act or acts of alleged negligence separately *as to each defendant* in simple, concise and direct terms” to state a viable claim for professional negligence against a provider of health care). This is because the affidavit of merit attached to Plaintiffs’ Complaint only criticizes Dr. Kim’s conduct as it relates to placement of the epidural. There are no allegations of any direct negligence by the hospital itself, or of any negligence by any other provider of health care besides Dr. Kim. Indeed, the affidavit is from an anesthesiologist such as Dr. Kim. It is not from a nurse or any other health care provider potentially providing treatment at the hospital. Thus, the only reasonable interpretation of the affidavit is that the reference to the hospital is meant to support an ostensible agency claim against the hospital for the conduct of Dr. Kim. Consequently, Plaintiff’s First Cause of Action for Professional Negligence against St. Rose Hospital is therefore redundant of the Vicarious Liability claim and must be dismissed.⁵

2. To the extent Plaintiffs’ Professional Negligence Claim is premised on conduct separate and apart from Dr. Kim’s alleged negligence, the claim must be dismissed.

If Plaintiff suggests a claim for Professional Negligence exists as to the hospital separate and distinct from the alleged negligence against Dr. Kim, such a claim must be dismissed pursuant to NRS 41A.071 for the same reasons this Court dismissed Plaintiffs’ unsupported claims for Negligent Credentialing and Negligent Hiring/Supervision. *See* Exhibit B.

Where a complaint contemplates professional negligence, a district court “shall dismiss” each claim that is not supported by an expert affidavit in accordance with NRS 41A.071. *See* NRS 41A.071; *see also Fierle v. Perez*, 125 Nev. 728, 738, 219 P.3d 906, 912 (2009) (affirming dismissal of a negligent training and supervision claim for the failure to comply with the affidavit requirement although a claim for *Res Ipsa Loquitur* survived) *overruled on other grounds by Egan v. Chambers*, 129 Nev. Adv. Op. 25, 299 P.3d 364, 367 (2013). To comply

⁵ Again, for the same reasons, to the extent the Fifth Cause of Action may be interpreted as imparting liability to the hospital for any provider other than Dr. Kim, that cause of action must also be limited and partially dismissed.

with NRS 41A.071 the affidavit must (1) be from an expert in the *particular practice area*; (2) support the allegations; (3) *specifically identify by name or conduct the allegedly negligent health care provider*; and (4) “separately” identify the alleged negligence “*as to each defendant*.” See NRS 41A.071 (emphasis added).

Here, Plaintiffs have attached an expert affidavit authored by an anesthesiologist, Yaakov Beilin, M.D. to the Complaint. Dr. Beilin’s affidavit attributes the breach in the standard of care to two actions, both exclusively performed by Dr. Kim. These are: (1) the failure to fully assess the bleeding risk of Alina Badoi *prior* to placing her epidural catheter for labor analgesia; and (2) *placing* an epidural catheter in a patient at significant risk for bleeding.

Although the affidavit does identify St. Rose Hospital together with Dr. Kim as the providers responsible for such allegedly negligent conduct, a hospital can neither assess a bleeding risk nor place an epidural. Such actions are performed by individual physicians, and only one is identified in the Complaint. Accordingly, the affidavit of merit supports nothing more than an ostensible agency claim against the hospital for Dr. Kim’s alleged negligence.

Furthermore, the affidavit does not otherwise identify any nursing staff from St. Rose Hospital that is alleged to be negligent, nor would Dr. Beilin – an anesthesiologist – be able to comment on the nursing standard of care. Thus, like Plaintiff’s claims for Negligent Credentialing and Negligent Hiring, the affidavit does not satisfy NRS 41A.071 as to any claim other than ostensible agency/vicarious liability for Dr. Kim. Therefore, any purported claim for professional negligence premised on anything other than Dr. Kim’s alleged negligence is *void ab initio* under NRS 41A.071 and must be dismissed.

3. Plaintiff’s Wrongful Death Claim (Sixth Cause of Action) is redundant of Plaintiff’s Professional Negligence Claim and Must be Dismissed.

Plaintiffs’ Complaint clearly implicates professional negligence given all of Plaintiffs’ claims arise from the alleged injuries caused by the allegedly negligent placement of an epidural. Nevertheless, Plaintiffs’ have also filed a Wrongful Death claim based on the provision of substandard medical care resulting in the very same injury attributed to professional negligence. Therefore, the Wrongful Death claim should be dismissed as redundant and duplicative of the

Professional Negligence claim since both claims arise out of the same set of operative facts, which undeniably implicate medical judgment, treatment, and diagnosis.

The decision as to whether a claim is for “professional” negligence or “ordinary” negligence is a legal determination for the Court. *See Zhang, M.D. v. Barnes*, 832 P.3d 878 (Nev. 2016) (unpublished) at *5. What is abundantly clear from the recent Nevada cases directly on point, is that a claim of “ordinary negligence” cannot utilize the same facts and injury as are used as a basis for a claim of “professional negligence” to escape the “cap” set forth in NRS 41A.035. *See, e.g. Estate of Mary Curtis, et al., v. Life Care Center of So. Las Vegas, et. al.*, 136 Nev. Adv. Op. 39, 466 P.3d 1263 (Nev. 2020) (finding a Plaintiff’s claims for negligent staffing, training, budgeting, and monitoring subject to NRS 41A, although pled as ordinary negligence, since the claims were inextricably tied to professional negligence); *See Schwarts v. Univ. Med. Ctr. Of S. Nevada*, 460 P.3d 25 at *2 (Nev. 2020) (unpublished) (finding civil conspiracy claim related to “concealment of medical malpractice” subject to NRS 41A, even though the claim was pled as an intentional tort). *Zhang, M.D. v. Barnes*, 832 P.3d 878 (Nev. 2016) (unpublished) (holding affirmed in the *Estate of Mary Curtis, et al., v. Life Care Center of So. Las Vegas, et. al*) (stating that negligent training and supervision claims “cannot be used as a channel to allege professional negligence against a provider of healthcare to avoid the statutory caps on such actions...”);

Here, as was the case with Plaintiffs’ Negligent Credentialing and Negligent Supervision claims, Plaintiffs’ claim for Wrongful Death is based upon the same alleged conduct and medical injury giving rise to the Professional Negligence claim – the negligent placement of an epidural causing Ms. Badoi’s death. Accordingly, the claim is redundant of Plaintiffs’ Professional Negligence claim and must be dismissed.

VI.

CONCLUSION

For the reasons set forth below, St. Rose Hospital respectfully requests this Court grant Summary Judgment as to Plaintiffs’ Complaint due to the expiration of the statute of limitations. Alternatively, St. Rose Hospital requests judgment on the pleadings as to Plaintiffs’ claim for Professional Negligence and Wrongful Death, thus limiting Plaintiffs’ Complaint against the

hospital to Ostensible Agency/Vicarious Liability arising out of the alleged professional negligence of Dr. Kim.

DATED this 18th day of October, 2021.

HALL PRANGLE & SCHOONVELD, LLC

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Dignity Health, a Foreign Non-Profit Corporation
d/b/a St. Rose Dominican Hospital – Siena Campus

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that I am an employee of HALL PRANGLE & SCHOONVELD, LLC; that on the 18th day of October, 2021, I served a true and correct copy of the foregoing **DEFENDANT DIGNITY HEALTH d/b/a ST. ROSE DOMINICAN HOSPITAL'S MOTION FOR SUMMARY JUDGMENT AND, ALTERNATIVELY, MOTION FOR PARTIAL JUDGMENT ON THE PLEADINGS JUDGMENT** via the Court e-filing System in accordance with the electronic service requirements of Administrative Order 14-2 and the Nevada Electronic Filing and Conversion Rules, to the following:

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R. Todd Terry, Esq.
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/s/ Nicole Etienne
An employee of HALL PRANGLE & SCHOONVELD, LLC

EXHIBIT A

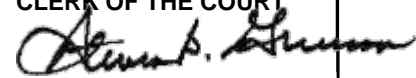
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Attorneys for Plaintiffs

DISTRICT COURT

CLARK COUNTY, NEVADA

LIVIU RADU CHISIU, as Special
Administrator of the ESTATE OF ALINA
BADOI, Deceased; LIVIU RADU CHISIU, as
Parent and Natural Guardian of SOPHIA
RELINA CHISIU, a minor, as Heir of the
ESTATE OF ALINA BADOI, Deceased;

Plaintiff,

vs.

DIGNITY HEALTH, a Foreign Non-Profit
Corporation d/b/a ST. ROSE DOMINICAN
HOSPITAL – SIENA CAMPUS; JOON
YOUNG KIM, M.D., an Individual; U.S.
ANESTHESIA PARTNERS, INC., a Foreign
Corporation; DOES I through X; and ROE
BUSINESS ENTITIES XI through XX,
inclusive,

Defendants.

A-18-775572-C

Case No.:

Dept. No.: Department 17

**COMPLAINT
AND DEMAND FOR JURY TRIAL**

*Arbitration Exemption requested:
Medical Malpractice*

COMES NOW, Plaintiffs, LIVIU RADU CHISIU as Special Administrator of the
ESTATE OF ALINA BADOI, Deceased, and LIVIU RADU CHISIU, as Natural Parent and

Guardian of SOPHIA RELINA CHISIU, a minor, as Heir of the ESTATE OF ALINA BADOI, Deceased, by and through their attorneys, PETER S. CHRISTIANSEN, ESQ., R. TODD TERRY, ESQ., KENDELEE L. WORKS, ESQ., WHITNEY J. BARRETT, ESQ. and KEELY A. PERDUE, ESQ. of the law firm Christiansen Law Offices, and for their causes of action against the above-named Defendants, and each of them, allege as follows:

IDENTIFICATION OF THE PARTIES

1. At all times relevant hereto, Plaintiff, SOPHIA RELINA CHISIU, a minor and the biological child of Decedent, Alina Badoi, is and was a resident of Clark County, Nevada.

2. At all times relevant hereto, upon information and belief, Decedent, ALINA BADOI ("Decedent"), was and is a resident of Clark County, Nevada.

3. On or about January 23, 2018, LIVIU RADU CHISIU was duly appointed as Special Administrator of the ESTATE OF ALINA BADOI, and at all times relevant hereto, is and was a resident of Clark County, Nevada.

4. At all times relevant hereto, Defendant, DIGNITY HEALTH d/b/a ST. ROSE DOMINICAN HOSPITALS, was and is a Foreign Non-Profit Corporation authorized to do and doing business in the State of Nevada. At all times relevant hereto, Defendant DIGNITY HEALTH d/b/a ST. ROSE DOMINICAN HOSPITALS owned and operated a general acute care hospital in Clark County, Nevada, which hospital was called ST. ROSE DOMINICAN HOSPITAL – SIENA CAMPUS (hereinafter "St. Rose").

5. ST. ROSE DOMINICAN HOSPITAL – SIENA CAMPUS is licensed in the State of Nevada under Chapter 449 of the Nevada Revised Statutes.

6. At all times relevant hereto, Defendant JOON YOUNG KIM, M.D. (hereinafter "Kim" and/or "Dr. Kim"), was and is an individual licensed to practice medicine in the State of Nevada, and practicing in the specialty of anesthesia in Clark County, Nevada.

7. At all times relevant hereto, Defendant, U.S. ANESTHESIA PARTNERS, INC., was and is a Foreign Corporation authorized to do and doing business in Clark County, Nevada. At all times relevant hereto, Defendant U.S. ANESTHESIA PARTNERS, INC. employed Defendant Kim.

1 8. The names and capacities of Defendants DOES I through X, whether individual,
2 corporate, associate or otherwise, are unknown to the Plaintiffs at the time of the filing of this
3 complaint, and Plaintiffs therefore sue said Defendants by such fictitious names. Plaintiffs are
4 informed and believe, and therefore allege, that each of the DOE Defendants is legally
5 responsible for the injuries and damages to the Plaintiffs as herein alleged. At such time that
6 the Plaintiffs determine the true identities of DOES I through X, Plaintiffs will amend this
7 Complaint to set forth the proper names of those Defendants, as well as asserting appropriate
8 charging allegations. Plaintiffs additionally believe that one or more of the DOE
9 DEFENDANTS is liable under an agency theory as the principal tortfeasor acting within the
10 scope and authority of the agency relationship.

11 9. Plaintiffs are further informed and believe, and on that basis allege, that certain
12 physicians, physicians assistants, general surgeons, patient floor nurses, registered nurses, nurse
13 practitioners, nurse aides, or other medical personnel, or their employers, whose true and correct
14 names are either unknown, not annotated or not legible in Decedent's medical records, were
15 responsible for her care and treatment that lead to her damages as stated herein. The negligent
16 acts and omissions by DOE Defendants' employees in treating Decedent occurred within the
17 course and scope of their agency, employment, or contractual relationship with Defendants
18 and/or DOE Defendants, wherefore said Defendants and/or DOE Defendant employers are
19 vicariously liable for the damages sustained by Plaintiffs as a result of the negligent conduct of
20 their employees. Further, the negligent acts and omissions of Defendants in treating Decedent
21 occurred within the course and scope of their agency, employment, or contractual relationship
22 with DOE Defendants, wherefore said employers are vicariously liable for the damages
23 sustained by Plaintiff as a result of the negligent conduct of Defendants.

24 10. In doing the acts herein alleged, each of the Defendants' agents, servants, and
25 employees were acting in the course and scope of their employment with the Defendants, and
26 each of them, and in furtherance of the Defendants' business.

27 11. Defendants have refused to keep certain health care records as required by NRS
28 629.051 and other regulations, or otherwise refused to provide Plaintiffs or their agents with the

1 same, such that certain aspects of Decedent's medical care is undiscoverable and cannot be
2 determined. Due to the failure to provide or maintain certain health care records as required by
3 law, the statute of limitations has been tolled pursuant to NRS 41A.097(3) until such time the
4 records are provided to Plaintiffs or their agents.

5 12. Plaintiffs are further informed and believe, and on that basis allege, that
6 DOES/ROES are certain physicians, physicians assistants, general surgeons, patient floor
7 nurses, registered nurses, nurse practitioners, nurse aides, or other medical personnel, or their
8 employers, whose actions and correct names are unknown due to the missing medical records,
9 were responsible for Decedent's care and treatment that lead to Plaintiff's damages as stated
10 herein.

11 13. Pursuant to NRCP 10(a) and *Nurenberger Hercules-Werke GMBH v. Virostek*,
12 107 Nev. 873, 822 P.2d 1100 (1991), the identity of resident and non-resident defendants
13 designated herein as DOES I-X and ROES XI-XX include, but are not limited to, those persons,
14 associations, partnerships, corporations, and other entities and individuals whose conduct is the
15 subject of this Complaint and which owned, operated, managed, ratified or otherwise were, and
16 are legally accountable for the acts and omissions of the other Defendants named herein, and
17 managed, controlled, and coordinated the care, budget and staffing levels of the other
18 Defendants which led to Decedent's death.

19 **FACTUAL ALLEGATIONS**

20 14. All the facts and circumstances that give rise to the subject lawsuit occurred in
21 the County of Clark, State of Nevada.

22 15. On May 15, 2017, Decedent, Alina Badoi (hereinafter "Decedent"), was
23 admitted to St. Rose to give birth to her child, Sophia. Sophia was delivered vaginally on May
24 16, 2017.

25 16. On May 16, 2017, prior to delivery of her child, Defendant, JOON YOUNG
26 KIM, M.D. (hereinafter "Kim" and/or "Dr. Kim"), an anesthesiologist, administered an epidural
27 catheter for pain. Subsequently, Decedent developed acute spastic paraparesis and underwent a
28 laminectomy from T8 to L3 for an intradural hematoma, *inter alia*. Lumbar spinal and

1 intraventricular drains were placed during Decedent's clinical course and while attempting
2 physical therapy Alina Badoi coded and passed away on June 3, 2017.

3 17. The Clark County Coroner concluded Decedent's death was caused by: bilateral
4 pulmonary thromboemboli due to or as a consequence of deep venous thrombosis due to or as a
5 consequence of acute spastic paraparesis following intradural hemorrhage associated with
6 epidural anesthesia. The Certificate of Death was issued September 15, 2017.

7 **FIRST CAUSE OF ACTION**

8 **PROFESSIONAL NEGLIGENCE**

9 18. Plaintiffs hereby incorporate the allegations in the preceding and ensuing
10 paragraphs as though fully set forth herein.

11 19. Decedent ALINA BADOI presented to St. Rose Hospital to give birth on or
12 about May 15, 2017, and passed away at St. Rose Hospital on June 3, 2017 from bilateral
13 pulmonary thromboemboli and deep venous thrombosis.

14 20. In undertaking the aforementioned care and treatment of Decedent, Defendants
15 and/or DOE/ROE Defendants had a duty to perform said care and treatment with the skill,
16 learning and ability commensurate with other similarly situated personnel possessing the same
17 or similar education, training, and experience in the same or similar circumstances.

18 21. From May 15, 2017 to June 3, 2017, Defendants, and each of them, examined,
19 diagnosed, treated, cared for, performed surgery upon, prescribed and administered medicines or
20 drugs, and supervised the care and treatment of Decedent. In so doing, the Defendants, and each
21 of them, negligently failed to possess or to exercise that degree of knowledge or skill ordinarily
22 possessed or exercised by other physicians, nurse practitioners, nurses, attendants and the like who
23 engage in like professions in the same area as said Defendants, and each of them, inclusive,
24 negligently failed to warn Plaintiff of the dangers and untoward consequences and hazards
25 involved in the examination, diagnosis, care, treatment, prescription and administration of
26 medicines and drugs and the surgical operations, which they intended to and did, use and perform
27 upon the persons of Plaintiff; that said Defendants, and each of them, induced Plaintiff to undergo
28 said examination, diagnosis, care and treatment, surgical operations and receive said medicine or

1 drugs as aforesaid. Plaintiffs, in the exercise of reasonable diligence, could not have discovered
2 that Decedent's injuries and death were or may have been the result of negligence until on or
3 about August 7, 2017, (at the earliest) when the Clark County Coroner issued her findings. These
4 conclusions were also listed in the Certificate of Death issued September 15, 2017.

5 22. Defendants' treatment and care of Decedent fell below the applicable standard of
6 care, including but not limited to:

- 7 a. Failure to fully assess Alina Badoi's bleeding risk prior to placing the epidural
8 catheter for labor analgesia; and
9 b. Placing an epidural catheter in a patient at significant risk for bleeding.

10 23. Defendants' failure to properly treat and care and Defendants' breach of the
11 standard of care was a proximate and legal cause of Alina Badoi's. (*See* Exhibit 1, Declaration
12 of Yaakov Beilin, M.D.; *see also* Exhibit 2, Declaration and C.V. of Bruce Hirschfeld, M.D.).

13 24. As a further proximate result of the conduct of Defendants, and each of them,
14 Decedent was required to and did employ physicians, surgeons, and hospitals to examine, treat
15 and care for her, and incurred medical and other related expenses in connection therewith. The
16 exact amount of such past expense is unknown to Plaintiffs at this time, and Plaintiffs therefore
17 ask leave to prove and, if required by Court, to amend their Complaint to show the reasonable
18 value of such medical services at time of trial.

19 25. Plaintiffs' professional negligence cause of action is supported by the Declarations
20 of Yaakov Beilin, M.D. and Bruce Hirschfeld, M.D. (attached hereto as Exhibit 1 and Exhibit 2,
21 respectively) pursuant to Nevada Revised Statutes § 41A.071.

22 26. That the above actions by Defendants, and each of them, were done with a
23 conscious and/or reckless disregard for the probable harmful consequences which could flow
24 therefrom and were otherwise the result of a willful and deliberate failure to act to avoid those
25 consequences.

26 27. That as a result of Defendants' conscious and/or reckless disregard for and
27 indifference to the health and welfare of Decedent, Plaintiffs suffered damages, and
28

1 accordingly, Plaintiffs are seeking an award in an amount in excess of fifteen thousand dollars
2 (\$15,000.00).

3 28. Plaintiffs have been required to retain legal counsel to prosecute this action and,
4 therefore, are entitled to reasonable attorney fees, interest, and costs of suit incurred in this action.

5 **SECOND CAUSE OF ACTION**

6 **NEGLIGENT CREDENTIALING – AGAINST DEFENDANT ST. ROSE**

7 29. Plaintiffs hereby incorporate the allegations in the preceding and ensuing
8 paragraphs as though fully set forth herein.

9 30. Defendant St. Rose had a duty to its patients, including Decedent, to protect their
10 health, safety and welfare in relevant part, by properly credentialing and extending privileges only
11 to duly qualified physicians and/or medical providers.

12 31. Defendant St. Rose breached its duty to protect the health, safety and welfare of its
13 patients, specifically Decedent, by negligently credentialing and/or extending hospital privileges to
14 Dr. Kim despite being on actual and/or constructive notice of numerous issues demonstrating that
15 Dr. Kim was unfit and/or lacked the requisite qualifications and/or integrity to be entrusted with the
16 welfare of its patients.

17 32. Defendant St. Rose breach of its duty caused Alina Badoi's death as described
18 herein and Plaintiffs' damages.

19 33. Defendant St. Rose's actions constitute a reckless and conscious disregard for the
20 rights, health, safety and well-being of Decedent.

21 34. In order to deter the aforementioned conduct and reckless and conscious
22 disregard on the part of Defendants, punitive damages are warranted.

23 35. As a direct and proximate result of the conduct of Defendants described herein,
24 Plaintiffs have sustained damages in excess of \$15,000.00.

25 36. DOE and/or ROE Defendants who are presently unknown to Plaintiffs are in
26 some manner liable to Plaintiffs for damages under this cause of action. Once their identities are
27 ascertained, Plaintiffs will seek leave of this Court to amend this Complaint to insert their true
28 names and identities.

1 37. Plaintiffs have been required to retain legal counsel to prosecute this action and,
2 therefore, are entitled to reasonable attorney fees, interest, and costs of suit incurred in this action.

3 **THIRD CAUSE OF ACTION**

4 **FRAUDULENT CONCEALMENT AND/OR OMISSIONS**

5 38. Plaintiffs hereby incorporate the allegations in the preceding and ensuing
6 paragraphs as though fully set forth herein.

7 39. Based upon the special relationship between Plaintiffs, Decedent, and Defendants,
8 each of the Defendants assumed the responsibility to provide Plaintiffs and Decedent with true,
9 accurate and complete medical records and to convey truthful, accurate and complete information
10 regarding Decedent's care and treatment with Defendants.

11 40. Defendants have altered, destroyed and/or concealed Decedent's confidential
12 medical records, and the cause of Decedent's death.

13 41. Defendants have concealed, suppressed and/or omitted material facts regarding
14 their care and treatment of Decedent.

15 42. Defendants had a duty to disclose to Decedent and Plaintiffs true, accurate and
16 complete medical records and information regarding Defendants' care and treatment of Decedent.

17 43. Upon information and belief, Defendants acted to alter, conceal, suppress, omit
18 and/or destroy Decedent's records in an attempt to conceal their own conduct with the intention of
19 inducing Plaintiffs to refrain from prosecuting their claims against Defendants.

20 44. Despite Plaintiffs' request for and entitlement to true and complete information
21 regarding Decedent's care and treatment with Defendants, Defendants failed to provide and/or
22 willfully concealed material facts regarding their care and treatment of the Plaintiff and the cause
23 of Plaintiff's debilitating condition.

24 45. To date, Plaintiffs remain unaware of the true circumstances surrounding
25 Defendants' care and treatment of Decedent.

26 46. Upon information and belief, if Plaintiffs and Decedent had been made aware of
27 the true circumstances surrounding Defendants' care and treatment of Decedent, they would have
28 been able to make more informed decisions with respect to Decedent's care and treatment.

1 54. Defendants and/or DOE/ROE Defendants breached the above-referenced duty
2 when they negligently, carelessly, and recklessly hired, trained, supervised, oversaw, directed
3 and/or retained physicians, physicians assistants, general surgeons, patient floor nurses,
4 registered nurses, nurse practitioners, nurses aides, or other medical personnel, including but not
5 limited to, Defendant Dr. Kim and/or DOE/ROE Defendants.

6 55. That as a result of Defendants' and/or DOE/ROE Defendants' reckless disregard
7 for and indifference to the health and welfare of Decedent, Plaintiffs suffered damages, and
8 accordingly, Plaintiffs are seeking an award in an amount in excess of fifteen thousand dollars
9 (\$15,000.00).

10 56. As a direct result and proximate cause and result of Defendants' and/or
11 DOE/ROE Defendants' above-referenced breach, Plaintiffs incurred damages of grief, sorrow,
12 loss of probable support, companionship, society, comfort and consortium, and damages for
13 pain, suffering, and disfigurement of the Decedent in an amount in excess of fifteen thousand
14 dollars (\$15,000.00).

15 57. As a direct result and proximate cause and result of Defendants' and/or
16 DOE/ROE Defendants' above-referenced breach, the Estate of Alina Badoi incurred special
17 damages including medical and funeral expenses in an amount in excess of fifteen thousand
18 dollars (\$15,000.00).

19 58. Plaintiffs have been required to retain legal counsel to prosecute this action and,
20 therefore, are entitled to reasonable attorney fees, interest, and costs of suit incurred in this action.

21 **FIFTH CAUSE OF ACTION**

22 **OSTENSIBLE AGENCY/VICARIOUS LIABILITY –**

23 **AGAINST ST. ROSE AND U.S. ANESTHESIA PARTNERS**

24 59. Plaintiffs hereby incorporate the allegations in the preceding and ensuing
25 paragraphs as though fully set forth herein.

26 60. Decedent entrusted her care and treatment to Defendants; Defendant St. Rose
27 selected Defendant Kim to treat Alina Badoi as an anesthesiologist and Decedent reasonably
28

1 believed Defendant Kim was an employee or agent of Defendant St. Rose; Decedent and Plaintiffs
2 were not put on notice Defendant Kim was an independent contractor.

3 61. While committing the above noted acts of negligence, thereby causing harm and
4 death to Decedent, Defendant Dr. Kim and/or DOE/ROE Defendants were operating under a
5 partnership, joint venture, agency, ostensible agency, contractual, and/or employment
6 relationship with Defendants, St. Rose, U.S. Anesthesia Partners and/or DOE/ROE Defendants,
7 and each of them.

8 62. Defendants St. Rose and U.S. Anesthesia Partners are responsible and liable for
9 the negligence of Defendant Dr. Kim and/or DOE/ROE Defendants, under one or more of the
10 following theories: agency theory as the principal of a tortfeasor acting within the course and
11 scope of an agency relationship; ostensible agency as the principal of a tortfeasor acting within
12 the course and scope of an agency relationship; partnership; joint venture; contractual;
13 respondeat superior, and/or vicarious liability.

14 63. The negligent acts and omissions by Defendant Dr. Kim and/or DOE/ROE
15 Defendants occurred within the course and scope of Defendant Dr. Kim's and/or DOE/ROE
16 Defendants' joint venture, agency, ostensible agency, contractual, or employment relationship
17 with Defendants St. Rose and/or U.S. Anesthesia Partners. Therefore, Defendants St. Rose
18 Hospital and/or U.S. Anesthesia Partners are vicariously liable for the damages sustained by
19 Plaintiffs as a result of the negligent conduct of Defendants and/or DOE/ROE Defendants.

20 64. That as a result of Defendants' reckless disregard for and indifference to the
21 health and welfare of Decedent, Plaintiffs suffered damages, and accordingly, Plaintiffs are
22 seeking an award in an amount in excess of fifteen thousand dollars (\$15,000.00).

23 65. As a direct result and proximate cause and result of Defendants' above-
24 referenced breach, Plaintiffs incurred damages of grief, sorrow, loss of probable support,
25 companionship, society, comfort and consortium, and damages for pain, suffering, and
26 disfigurement of the Decedent in an amount in excess of fifteen thousand dollars (\$15,000.00).

27 66. As a direct result and proximate cause and result of Defendant St. Rose
28 Hospital's above-referenced breach, the Estate of Alina Badoi incurred special damages

1 including medical and funeral expenses in an amount in excess of fifteen thousand dollars
2 (\$15,000.00).

3 67. Plaintiffs have been required to retain legal counsel to prosecute this action and,
4 therefore, are entitled to reasonable attorney fees, interest, and costs of suit incurred in this action.

5 **SIXTH CAUSE OF ACTION**

6 **WRONGFUL DEATH PURSUANT TO NRS 41.085**

7 68. Plaintiffs hereby incorporate the allegations in the preceding and ensuing
8 paragraphs as though fully set forth herein.

9 69. Plaintiff, SOPHIA RELINA CHISIU, is the natural child of Decedent and is the
10 heir to Decedent's estate.

11 70. Defendants and/or DOE Defendants neglected to provide proper care for
12 Decedent, causing Decedent's death.

13 71. But for the substandard care provided by Defendants and/or DOE/ROE
14 Defendants, Decedent would not have died from bilateral pulmonary thromboemboli and deep
15 venous thrombosis.

16 72. That as a result of Defendants' and/or DOE/ROE Defendants' reckless disregard
17 for and indifference to the health and welfare of Decedent, Plaintiffs suffered damages, and
18 accordingly, Plaintiffs are seeking an award in an amount in excess of fifteen thousand dollars
19 (\$15,000.00).

20 73. As a direct result and proximate cause and result of Defendants' and/or
21 DOE/ROE Defendants' above-referenced breach, Plaintiffs incurred damages of grief, sorrow,
22 loss of probable support, companionship, society, comfort and consortium, and damages for
23 pain, suffering, and disfigurement of the Decedent in an amount in excess of fifteen thousand
24 dollars (\$15,000.00).

25 74. As a direct result and proximate cause and result of Defendants' and/or DOE
26 Defendants above-referenced conduct, the Estate of Alina Badoi incurred special damages
27 including medical and funeral expenses.

28

1 75. Plaintiffs have been required to retain legal counsel to prosecute this action and,
2 therefore, are entitled to reasonable attorney fees, interest, and costs of suit incurred in this action.

3 **PUNITIVE DAMAGES**

4 76. Plaintiffs hereby incorporate the allegations in the preceding and ensuing
5 paragraphs as though fully set forth herein.

6 77. Defendants and/or DOE/ROE Defendants were consciously indifferent to the
7 consequences of their conduct and disregarded Alina Badoi's health, safety and welfare.

8 78. Defendants and/or DOE Defendants conduct was intentional, malicious,
9 oppressive and/or in reckless disregard of the consequences to Decedent, and thereby subjecting
10 Defendants to punitive damages pursuant to N.R.S. 42.005. 42.005(1) provides:

11 Except as otherwise provided in NRS 42.007, in an action for the breach of an
12 obligation not arising from contract, where it is proven by clear and convincing
13 evidence that the defendant has been guilty of oppression, fraud or malice,
14 express or implied, the plaintiff, in addition to the compensatory damages, may
recover damages for the sake of example and by way of punishing the
defendant....

15 79. Plaintiffs have been required to retain legal counsel to prosecute this action and,
16 therefore, are entitled to reasonable attorney fees, interest, and costs of suit incurred in this action.

17 **DEMAND FOR JURY TRIAL**

18 68. Plaintiffs hereby demand a trial by jury for all issues triable.

19 **PRAYER FOR RELIEF**

20 Wherefore, Plaintiffs pray for relief and judgment as against Defendants as follows:

- 21 1. Compensatory damages in excess of \$15,000.00, according to proof at trial;
22 2. Special damages in excess of \$15,000.00, according to proof at trial;
23 3. Punitive and exemplary damages in an amount to be determined at trial;
24 4. Interest from the time of service of this complaint as allowed by NRS 17.130;
25 5. Costs of suit and attorney fees; and

26 ///

27 ///

28 ///

CHRISTIANSEN LAW OFFICES

810 S. Casino Center Blvd. Suite 104
Las Vegas, Nevada 89101
702-240-7979 • Fax 866-412-6992

1 6. For such other and further relief as the court may deem appropriate.

2 Dated this 4th day of June, 2018.

3 **CHRISTIANSEN LAW OFFICES**

4 

5 _____
6 PETER S. CHRISTIANSEN, ESQ.

7 Nevada Bar No. 5254

8 R. TODD TERRY, ESQ.

9 Nevada Bar No. 6519

10 KENDELEE L. WORKS, ESQ.

11 Nevada Bar No. 9611

12 WHITNEY J. BARRETT, ESQ.

13 Nevada Bar No. 13662

14 KEELY A. PERDUE, ESQ

15 Nevada Bar No. 13931

16 Attorneys for Plaintiffs

EXHIBIT 1

EXHIBIT 1

DECLARATION OF YAAKOV BEILIN, M.D., PER NRS 53.045

1. My name is **Yaakov Beilin**, and I am over the age of 18 and competent to make this Declaration. All matters stated herein are within my personal knowledge and are true and correct to the best of my knowledge.
2. I am a medical doctor duly licensed to practice medicine in the State of New York. I am board-certified in Anesthesiology and I am a Professor of Anesthesiology and Obstetrics, Gynecology and Reproductive Sciences at the Icahn School of Medicine at Mount Sinai where I am the Director of Obstetric Anesthesiology. In addition to my teaching responsibilities, I practice medicine in Obstetric Anesthesiology. My C.V. is attached hereto.
3. I have thoroughly reviewed the medical records produced by St Rose Dominican Hospital-Siena Campus related to **Alina Badoi's** labor and delivery, and the records from the Clark County Coroner's office. St Rose Dominican Hospital-Siena Campus records indicate that **Alina Badoi** was admitted May 15, 2017 with an intrauterine pregnancy with spontaneous vaginal delivery on May 16, 2017. Prior to delivery of her child, it appears that Dr. Joon Kim, M.D., an anesthesiologist, administered an epidural catheter for pain. Subsequently, **Alina** developed acute spastic paraparesis and underwent a laminectomy from T8 to L3 for an intradural hematoma. She subsequently also developed epidural and subdural hematomas. Lumbar spinal and interventricular drains were placed during **Alina's** clinical course and **Alina** remained at St Rose Dominican Hospital-Siena Campus until she coded and passed away on June 3, 2017. The cause of death, as determined by the Clark County Coroner, was pulmonary thromboemboli.
4. I am familiar with the standard of medical care required of anesthesiologists and hospitals in the Las Vegas area in 2017 when **Alina Badoi** was a patient and gave birth to a viable female infant. Prior to placing an epidural catheter, the standard of care for hospitals such as St Rose Dominican-Siena Campus and **Alina's** anesthesiologist required a full and thorough assessment of **Alina's** bleeding risks and if there are significant risks for bleeding, an epidural catheter should not be placed. The records show that **Alina** had preeclampsia, a dramatic variation in platelet counts, an active nose-bleed, a history of Hashimoto's thyroiditis and a thyroidectomy. The thyroidectomy was complicated by bleeding. **Alina** also experienced heavy menses throughout her adult life and after conception, **Alina** experienced nose-bleeds at least once per

week in the early stages of her pregnancy and 2-3 times per week in the late stages of her pregnancy.

5. Based upon my education, training, experience and a review of the aforementioned records, it is my opinion, to a reasonable degree of medical probability, that the epidural catheter should not have been placed and **Alina Badoi** was subjected to substandard medical treatment and deviations from the standard of care by St Rose Dominican Hospital-Siena Campus and her anesthesiologist(s), including, but not limited to:

- a. Failure to fully assess the bleeding risk of **Alina Badoi** prior to placing her epidural catheter for labor analgesia; and
- b. Placing an epidural catheter in a patient at significant risk for bleeding.

6. It is my opinion, to a reasonable degree of medical probability, that these deviations in the accepted standard of care by St Rose Dominican Hospital-Siena Campus and **Alina's** anesthesiologist(s) were substantial factors in the development of the subdural, intradural and epidural hematoma and ultimate demise of **Alina Badoi**.

7. All of my opinions stated herein are made to a reasonable degree of medical probability. However, these opinions are subject to change depending upon the review and/or existence of additional medical records and depositions.

I declare under penalty of perjury under the law of the State of Nevada that the foregoing is true and correct.

Executed this 5th day of June, 2018.



YAAKOV BEILIN, M.D.

**CURRICULUM VITAE
YAAKOV BEILIN, M.D.**

**Professor of Anesthesiology and OB/GYN
Icahn School of Medicine at Mount Sinai
Vice-Chair for Quality- Dept. of Anesthesiology
Director, Obstetric Anesthesia
New York, New York**

ACADEMIC APPOINTMENTS:

July 1991-June 1992	Instructor Department of Anesthesiology Mount Sinai School of Medicine New York, New York 10029-6574
July 1992-Dec 1994	Clinical Assistant Professor Department of Anesthesiology Mount Sinai School of Medicine New York, New York 10029-6574
January 1995-May 2001	Assistant Professor Department of Anesthesiology Mount Sinai School of Medicine New York, New York 10029-6574
January 1998-May 2001	Assistant Professor Dept. of Obstetrics, Gynecology & Reproductive Science Mount Sinai School of Medicine New York, New York 10029-6574
June 2001-December 2007	Associate Professor Department of Anesthesiology, and Dept. of Obstetrics, Gynecology & Reproductive Science Mount Sinai School of Medicine New York, New York 10029-6574
January 2008-December 2012	Professor Department of Anesthesiology, and Dept. of Obstetrics, Gynecology & Reproductive Science Mount Sinai School of Medicine New York, New York 10029-6574

Yaakov Beilin, M.D. - Curriculum Vitae

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Academic appointments (continued):

January 2013- Present	Professor with Tenure Department of Anesthesiology, and Dept. of Obstetrics, Gynecology & Reproductive Science Mount Sinai School of Medicine New York, New York 10029-6574
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HOSPITAL APPOINTMENTS:

July 1991-Present	Assistant Attending Anesthesiologist Department of Anesthesiology The Mount Sinai Hospital New York, New York 10029-6574
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Jan 1991-1999	Assistant Attending Anesthesiologist Department of Anesthesiology City Hospital Center at Elmhurst Elmhurst, NY 11373
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GAPS IN EMPLOYMENT

None

EDUCATION:

Sept 1979-June 1983	Yeshiva University New York, New York Degree: B.A., June 1983 Majors: Chemistry and Mathematics
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Sept 1983-June 1987	Mount Sinai School of Medicine of The City University of New York New York, New York Degree: M.D., June 1987
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POST-DOCTORAL TRAINING:

July 1987-June 1988	Medicine Internship, Department of Medicine Maimonides Medical Center Brooklyn, New York 11219
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July 1988-June 1990	Resident, Department of Anesthesiology Mount Sinai School of Medicine New York, New York 10029-6574
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July 1990-June 1991	Specialty year, Obstetric Anesthesia Department of Anesthesiology Mount Sinai School of Medicine New York, New York 10029-6574
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CERTIFICATION:

July 1988	Diplomate The National Board of Medical Examiners, #349331
April 1992	Diplomate The American Board of Anesthesiology, Inc., #20508
April 2010	TeamSTEPPS Master Trainer, Duke Medical Center

LICENSURE:

July 1988-Present	New York, #176850
January 2004 – Dec 2007	New Jersey # 25MA07678900

HONORS/AWARDS/PATENTS:

1979-1983	Dean's List – 4 years Yeshiva University New York, New York
1981-1983	Alpha Epsilon Delta, Pre-medical honor society Yeshiva University New York, New York
June 1983	Graduated magna cum laude Yeshiva University New York, New York
June 1987	Doctor Joseph R. Jagust Anesthesiology Award Mount Sinai School of Medicine
June 1998	Outstanding Research in Anesthesiology Award Department of Anesthesiology, Mount Sinai School of Medicine
May 1999	Selected as one of Top 10 Scientific Abstracts International Anesthesia Research Society, 73 rd congress Abstract: "The obstetrician group, not epidural analgesia, influences the cesarean section rate for the nulliparous woman in labor."

HONORS/AWARDS/PATENTS (Continued):

Jan 2001-Dec 2002	Clinical Scholar Research Award International Anesthesia Research Society Cleveland, Ohio 44131-2571 (See grant section)
June 2003	Outstanding Teaching Award Department of Anesthesiology, Mount Sinai School of Medicine
June 2006	Elected to membership in: The Association of University Anesthesiologists

OTHER PROFESSIONAL APPOINTMENTS:

Departmental Committees:

1992-Present	Performance Improvement Committee
1993-Present	Vice Chair, Research Committee
1993-Present	Resident Evaluation Committee
2000-2004	Finance Committee
January 2005 – Present	Departmental coordinator for JCAHO preparations and education
March 2006 – Present	Member, Promotions Committee
Jan 2008 –Present	Member, Steering Committee for the Anesthesiology morbidity and mortality Conference CME Program

Hospital Committees:

October 1995-Nov 1996	Member Reengineering Committee for L&D
July 2001 – Present	Labor floor committee
Sept 2004 – Present	Committee for the provision of care, treatment and services, Manhattan workgroup

Hospital Committees (continued):

July 2004 – Present	Perioperative Care Committee
January 2005 – Present	JCAHO National Safety Goals Committee
January 2005 – Present	JCAHO Medication Management Committee
October 2006- Present	Member Hospital Quality Review Board
January 2007- Present	Member, Surgical Care Improvement Project (SCIP)
July 2007 – Present	Member, Multidisciplinary pain committee
July 2005-Present	Member, Clinical review Committee
Jan 2008 – present	Member, Quality and Patient Safety Council
Jan 2008- Present	Member Quality Care Council
Jan 2008 –Present	Member FOJP Surgical Quality Improvement Group
Jan 2008 –Present	Member, institutional pain committee
January 2008 – June 1015	Member Data Safety and monitoring Board for GCO project # 08-1422, ketamine in treatment-resistant bipolar depression

National Committees:

July 1, 1994-Present	Member of Research Committee Society for Obstetric Anesthesia and Perinatology
July, 1997 – Dec 1997	Member of Pulmonary Artery Catheter Consensus Conference for The Society of Critical Care Medicine
Feb, 2000 - Present	Abstract Review Committee Society for Obstetric Anesthesia and Perinatology
July 2000-2002	Contributor to the Self-Education and Evaluation (SEE) Program of the American Society of Anesthesiologists
Jan 2002 – 2010	Member of the Subcommittee on Obstetric Anesthesia and Perinatology of the American Society of Anesthesiologists (ASA)

National Committees (continued):

Jan 2001 – Present	Abstract Review Committee on Obstetric Anesthesia and Perinatology of the American Society of Anesthesiologists (ASA)
May 2004 – Present	Member of the regional perinatal center maternal mortality review team, New York
January 2005 – 2010	Member of the Committee on Obstetrical Anesthesia of the American Society of Anesthesiologists (ASA)
February 2006 – 2008	Consultant to the American Society of Anesthesiologists Task Force on Guidelines for Obstetric Anesthesia
January 2007 – 2009	Consultant to the American Society of Anesthesiologists Task Force on the Prevention, Detection and Management of Respiratory Depression Associated with Neuraxial Opioid Administration
January 2009-Present	Member, Patient Safety Committee Society for Obstetric Anesthesia and Perinatology
June 2010- Present	Member of the ASA Educational Track Subcommittee on Obstetric Anesthesia
December 2012-Present	Member of the New York State Society of Anesthesiologists' Committee on Continuous Quality Improvement and Peer Review.
May 2013- Present	Member organizing Committee for the 48 th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology

ADMINISTRATIVE LEADERSHIP APPOINTMENTS

Internal

Anesthesiology Department:

January 2014 – Present	Director Obstetric Anesthesiology
Nov 2000 – December 2013	Co-Director Obstetric Anesthesiology <ul style="list-style-type: none">• Oversees busy clinical service• 7,000 deliveries per annum• Sets clinical standards• Directs resident and fellow teaching
July 1997-July 2017	Director Obstetric Anesthesia research and fellowship <ul style="list-style-type: none">• Initiated ACGME Fellowship• Initiated more than 30 research projects• Leads journal club
July 2017 – Present	Director Obstetric Anesthesia Fellowship <ul style="list-style-type: none">• Oversees the Fellowship including clinical, research and educational initiatives
Jan 2007- 2017	Vice-Chair for Quality, Department of Anesthesiology <ul style="list-style-type: none">• Sets policies and protocols for Department• Chairs performance improvement committee• Representative from anesthesiology to many hospital safety committees
Jan 2013 – Dec 2013	Member, Anesthesiology Executive Committee <ul style="list-style-type: none">• Oversaw day to day activity of the Department during period of chairs absence
July 2017- Present	Vice-Chair for Quality for Anesthesiology, Mount Sinai Health System <ul style="list-style-type: none">• Oversees quality for the Department of Anesthesiology at the system level

Mount Sinai Hospital

Jan 2008 – Present	Chair, Clinical Review Committee <ul style="list-style-type: none">• Provide oversight to the timely evaluation and identification of quality issues and incidents that involve actual or potential risk to patients.• Evaluates root cause analyses and other high profile complications
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External

July 1994 - 2004	Editor of the Research column for the newsletter of Society for Obstetric Anesthesia and Perinatology
December 2007- Present	Member Editorial Board, International Journal of Obstetric Anesthesia
January 2009 – Present	Member Editorial Board, Obstetric Anesthesia Digest

TRAINING RECORD:

Name	Level of Trainee	Role in training	Dates	Training venue	Trainees Current status
Merceditas Lagmay, MD	Senior resident	Preceptor	1991-'92	Labor and delivery floor	Atlantic City Medical Center, NJ
Ellen Brand, MD	Senior resident	Preceptor	1991-'92	Labor and delivery floor	Director Obstetric Anesthesia, Stanford Hospital, CT
Neil Nahmias, MD	Senior resident	Preceptor	1993-'94	Labor and delivery floor	Holy Name Hospital, NJ
Jung Kim, MD	Senior resident	Preceptor	1994-'95	Labor and delivery floor	Assistant Professor, New York University
Jeffrey Zahn, MD	Senior resident	Preceptor	1995-'96	Labor and delivery floor	Assistant Professor, Mount Sinai School of Medicine
Mihai Galea, MD	Fellow	Supervisor	1997-'98	Labor and delivery floor	Assistant Professor, Maimonides Medical Center
Sharon Abramovitz, MD	Fellow	Supervisor	1998-'99	Labor and delivery floor	Assistant Professor, Weill Medical College, NY
Ashalatha Nair, MD	Fellow	Supervisor	2000-'01	Labor and delivery floor	Director Obstetric Anesthesia, Elmhurst City Hosp. Queens, NY
Jonathan Rosenstreich, MD	Senior resident	Supervisor	2003-'04	Labor and delivery floor	UCLA Medical Center, California
Jonathan Epstein, MD	Fellow	Supervisor	2008-2009	Labor and delivery floor	Assistant Prof, Roosevelt Hospital of Mount Sinai, NY, NY
Yelena Spitzer, MD	Fellow	Supervisor	2013-2014	Labor and delivery floor	Assistant Professor, Albert Einstein College of Medicine, Bronx, NY
Alison Schmeck, MD	Fellow	Supervisor	2013-2014	Labor and delivery floor	Staff Anesthesiologist, Holy Name Hospital, Teaneck, NJ
Nakiyah Knibbs, MD	Fellow	Supervisor	2014-2015	Labor and delivery floor	Assistant Professor, Icahn School of Medicine

Yaakov Beilin, M.D. - Curriculum Vitae

10

					at Mount Sinai, NY, NY
Michael Marotta, MD	<i>Fellow</i>	<i>Supervisor</i>	2014-2015	<i>Labor and delivery floor</i>	Assistant Professor, Elmhurst Hospital, Queens, NY
Joshua Hamburger, MD	<i>Fellow</i>	<i>Supervisor</i>	2015-2016	<i>Labor and delivery floor</i>	Assistant Professor, Icahn School of Medicine at Mount Sinai
David Gutman, MD	<i>Fellow</i>	<i>Supervisor</i>	2015-2016	<i>Labor and delivery floor</i>	Assistant Professor, South Carolina
Dorian Batt, MD	<i>Fellow</i>	<i>Supervisor</i>	2016-2017	<i>Labor and delivery floor</i>	Assistant Professor, , Weill Medical College, NY
Amita Kulkarny, MD	<i>Fellow</i>	<i>Supervisor</i>	20176-2018	<i>Labor and delivery floor</i>	Current Fellow
Eli Zarkhin, MD	<i>Fellow</i>	<i>Supervisor</i>	20176-2018	<i>Labor and delivery floor</i>	Current Fellow

TEACHING ACTIVITIES:

Teaching Activity/Topic	Level	Role	Number of Learners	Number of hours week/month/year	Years Taught
3 rd year Community Medicine Clerkship	Medical School Course	Preceptor for research project	2	10 hours per year	1992
1 st year Research Integrative Core	Medical School Course	Preceptor for research project	1	12 hours per year	2001
3 rd year medical school intersession clerkship	Medical School Course	Moderator	12	One week course	2003-2008
Research elective	Medical School elective	Preceptor	8	3 months per year	1994-Present
Didactic lectures in Obstetric Anesthesia	Department Level	Co-Director	20 per year	6 hours per month	1994-Present
Journal club for obstetric anesthesia	Department Level	Director	4-6	12 months per year	1997-2011
Moderator Anesthesiology morbidity and mortality conference	Department Level	Moderator	100-150	3-4 sessions per year	1995-Present
Coordinator Anesthesiology PI Conference	Department Level	Director	100-150	12 sessions per year	2008-Present

GRANT SUPPORT:**Past Grants:**

1. Medical School (PI: Constantine A. Bona) 6/85-9/85 10%
National Institute of Health's summer research fellowship for medical students. \$1000
The ability of monoclonal antibodies to function as vaccines.
(Role: research assistant)
2. GCO # 00-435 (PI: Yaakov Beilin) 6/14/ 2000 – 6/13/ 2001 5%
Becton Dickinson & Co. \$4,000
Clinical evaluation of the Durasafe Plus™ Epidural Kit.
3. GCO # 97-008 AN (PI: Yaakov Beilin) 1/2/97-4/30/98 5%
Astra Zeneca Co. \$2,000
A prospective and randomized, and double-blind study evaluating a new local anesthetic, ropivacaine.
4. GCO # 00-128 (PI: Yaakov Beilin) 3/15/2000- 4/30/2003 5%
Dade-Behring \$40,000
The evaluation of a new point-of-care platelet function monitor, the PFA-100, in the parturient.
5. GCO # 98-190 (PI: Yaakov Beilin) 1/1/2001-12/31/2002 10%
International Anesthesia Research Society, Research Award \$75,000
The effect of epidural fentanyl on infant breast feeding: A prospective randomized study
6. GCO # 01-0597 (PI: Yaakov Beilin) 8/01-12/2001 5%
Astra Zeneca Inc. \$5000
A prospective, randomized and double-blind study evaluating three local anesthetics for labor analgesia: bupivacaine vs. ropivacaine vs. levobupivacaine.

CURRENT UNFUNDED PROJECTS

1. GCO # 08-00127 (PI: Yaakov Beilin) 1/2008-Present 10%
Analysis of Adverse Outcomes in Anesthesiology
2. GCO # 14-0730 (PI: Jaimie Hyman) 2/2014-present
Characterizing "maternal near misses": Identifying contributing factors and assessing healthcare provider stress. 20%

Completed Unfunded Research Projects:

1. GCO # 90-145 ME (PI: Yaakov Beilin) 2/1/90-6/30/91 10%
An *in vitro* study to determine if tumor necrosis factor, interleukin-1 or interleukin-6 are mediators of preeclampsia.
2. GCO # 91-311 AN (PI: Yaakov Beilin) 7/31/91-6/30/93 10%
A questionnaire study of 1000 post-partum women to assess patients' attitudes towards obstetrical anesthesia.
3. GCO # 93-467 AN (PI: Yaakov Beilin) 11/29/93-5/31/95 10%
A prospective and randomized and double-blind study to determine the optimum distance that the epidural catheter should be threaded into the epidural space.
4. GCO # 93-705 AN (PI: Yaakov Beilin) 12/1/93-35/31/96 5%
A prospective and randomized study to assess the value of the anesthesiologist's preoperative interview for the parturient.
5. GCO # 94-217 AN (PI: Yaakov Beilin) 4/29/94-6/30/96 5%
A survey of the management of controversial situations in obstetrical anesthesia.
6. GCO # 94-510 AN (PI: Yaakov Beilin) 10/3/94-7/1/96 5%
A prospective and randomized and double-blind study to assess the use of subhypnotic doses of propofol to treat pruritus caused by intrathecal opioids after cesarean section.
7. GCO # 96-319 AN (PI: Yaakov Beilin) 6/3/96-7/1/96 5%
A retrospective study evaluating the effects of epidural fentanyl administered during labor on breast-feeding.
8. GCO # 95-086 AN (PI: Yaakov Beilin) 3/1/95-7/31/97 5%
A prospective and randomized and double-blind study to determine the best treatment of incomplete analgesia after placement of an epidural anesthetic for the woman in labor.
9. GCO # 95-375 AN (PI: Ivan Dimich) 10/1/95-1/31/97 5%
A prospective and randomized study of the cardiovascular effects of concomitant administration of nifedipine and magnesium in pigs. (Role: Research consultant)
10. GCO # 96-265 AN (PI: Yaakov Beilin) 5/20/96-7/1/97 5%
A multi-center trial evaluating the effect of propofol on the pregnancy rate in women undergoing gamete intrafallopian transfer (GIFT).

Completed Unfunded Research Projects (continued):

11. GCO # 95-806 AN (PI: Yaakov Beilin) 12/1/95-7/1/97 5%
A retrospective study evaluating the safety of regional anesthesia and delivery in the parturient with a platelet count less than 100,000 mm⁻³.
12. GCO # 95-805 AN (PI: Yaakov Beilin) 12/1/95-12/1/97 5%
A prospective study of the effect of magnesium sulfate on platelet function in the parturient.
13. GCO # 95-435 AN (PI: Yaakov Beilin) 7/28/95-7/31/98 5%
A prospective and randomized study evaluating the accuracy of the visual analogue scale in assessing changes in pain intensity in the surgical patient.
14. GCO # 97-401 AN (PI: Yaakov Beilin) 7/1/97-11/1/99 5%
A prospective and randomized study evaluating the effect of patient position during epidural labor analgesia on the incidence of incomplete analgesia.
15. GCO # 97-850AN (PI: Yaakov Beilin) 12/30/97-12/10/99 5%
A prospective and randomized study evaluating the quality of analgesia when air versus saline is used for identification of the epidural space with the loss-of-resistance technique.
16. GCO # 96-690 AN (PI: Jeffrey Zahn) 10/17/96-10/10/99 5%
A prospective and randomized study comparing blood pressure in the upper versus the lower extremity in the parturient. (Role: Mentor)
17. GCO # 97-861AN (PI: Jeffrey Zahn) 12/3/97-1/5/2000 5%
A prospective and randomized, and double-blind study evaluating spinal bupivacaine for cervical cerclage. (Role: Mentor)
18. GCO # 97-155 AN (PI: Yaakov Beilin) 3/3/97-3/2000 5%
A prospective study evaluating factors that may influence the cesarean section rate.
19. GCO # 00-1013AN (PI: Yaakov Beilin) 3/01-4/02 5%
A prospective, randomized and double-blind study evaluating the efficacy of epidural morphine to treat episiotomy pain.
20. GCO # 99-720AN (PI: Yaakov Beilin) 10/99-11/01 5%
A prospective, randomized and double-blind study evaluating the optimal epidural infusion that should be utilized following the combined spinal-epidural technique for labor analgesia.
21. GCO 06-0188 (PI: David Wax) 1/2006-6/2007 10%
Effect of Automatic AIMS reminder on Compliance with Antibiotic Administration.

Completed Unfunded Research Projects (continued):

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|--|------------------|-----|
| 22. GCO # 07-1011 (PI: Yaakov Beilin) | 9/2007 – 1/2009 | 10% |
| The effect of degree of labor pain at time of epidural placement on mode of delivery | | |
| 23. GCO # 07-1244 AN (PI: David Wax) | 11/1/2007 1/2009 | 10% |
| Frequency and Predictors of Editing of Physiologic Data in AIMS Records | | |
| 24. GCO # 05-0655 (PI: David Reich) | 12/2005- 1/2008 | 10% |
| Intraoperative predictors of surgical site infection | | |
| 25. GCO # 06-1249 (PI: Yaakov Beilin) | 11/2006-Present | 10% |
| User acceptance of CompuRecord on labor and delivery | | |
| 26. GCO 07-0266 (PI: David Wax) | 1/2007- 12/2009 | 10% |
| Survey of Perioperative Glycemic Control | | |
| 27 GCO # 05-0295 (PI: David Wax) | 6/2005-9/2008 | 10% |
| Intraoperative Glucose Control | | |
| 28. GCO # 05-0812 (PI: Yaakov Beilin) | 6/2005-12/2009 | 10% |
| SOAP SCORE project | | |
| 29. GCO # 07-1217 AN (PI: David Wax) | 11/1/2007 | 10% |
| Predictors of Patient Pain Mgt Modality care | | |
| 30. GCO # 05-1155 (PI: Yaakov Beilin) | 12/2005- 2008 | 20% |
| Epidural vs. combined spinal-epidural for labor analgesia: Impact on obstetric outcome. | | |
| 31. GCO # 08-00449 (PI: Yaakov Beilin) | 10/2008-2012 | |
| Are Serial Platelet Counts needed in women with Preeclampsia | | |
| 32. GCO#:11-04406 (PI:Jason Epstein) | 10/2011-2013 | |
| Fluid and Acid-base Management Strategies and Postoperative Outcome in Renal Allotransplant Patients | | |

ORIGINAL PEER-REVIEWED PUBLICATIONS:

1. Sigal NH, Chan M, Reale MA, Moran TM, Beilin Y, Schulman JL, Bona CA. The human and murine influenza-specific B Cell repertoires share a common idotype. J Immunol 1987;139:1985-90.
2. Schulman JL, Moran TM, Reale MA, Beilin Y, Sigal NH, Bona CA. Effects of immunization with syngeneic monoclonal anti-idotype antibody on antibody responses to influenza viruses. Monogr Allergy 1987;22:143-49.
3. Beilin Y, Leibowitz AB. (case report) Anesthesia for an achondroplastic dwarf presenting for urgent cesarean section. Int J Obstet Anesth 1992;2:96-7.
4. Beilin Y, Bernstein HH. (case report) Successful epidural anaesthesia for a patient with Takayasu's arteritis presenting for caesarean section. Can J Anaesth 1993;40:64-6.
5. Beilin Y, Bernstein HH, Zucker-Pinchoff B: The optimal distance that a multi-orifice epidural catheter should be threaded into the epidural space. Anesth Analg 1995; 81:301-4.
6. Beilin Y, Rosenblatt MA, Bodian CA, Lagmay-Aroesty MM, Bernstein HH. Information and concerns about obstetric anesthesia: a survey of 320 obstetric patients. Int J Obstet Anesth 1996;5:145-51.
7. Beilin Y, Bodian CA, Haddad EM, Leibowitz AB. Practice patterns of anesthesiologists regarding situations in obstetric anesthesia where clinical management is controversial. Anesth Analg 1996;83:735-41.
8. Ammar T, Beilin Y, Bernstein HH. (Case report) Successful regional anesthesia for a woman with a single ventricle presenting for labor and delivery. J Cardiothorac Vasc Anesth 1996;10:640-2.
9. Beilin Y, Zahn J, Comerford M. Safe epidural analgesia in thirty parturients with platelet counts between 69,000 and 98,000 mm⁻³. Anesth Analg 1997;85:385-8.
10. Beilin Y. and consensus participants. Pulmonary artery catheter consensus conference: consensus statement. Crit Care Med 1997; 25:910-25.
11. Leibowitz AB, Beilin Y. Pulmonary artery catheters and outcome in the perioperative period. New Horizons 1997;5:214-27.

Original Peer-Reviewed Publications (continued):

12. **Beilin Y**, Bernstein HH, Zucker-Pinchoff B, Zahn J, Zenzen WJ. Subhypnotic doses of propofol do not relieve pruritus induced by intrathecal morphine following cesarean section. *Anesth Analg*, 1998;86:310-3.
13. **Beilin Y**, Bronheim D, Mandelbaum C. (case report) Hemothorax during "j" wire change of a right internal jugular vein catheter. *Anesthesiology*, 1998; 88:1399-400.
14. **Beilin Y**, Zahn J, Bernstein HH, Zucker-Pinchoff B, Zenzen WJ, Andres LA. Treatment of incomplete analgesia after placement of an epidural anesthetic for the woman in labor. *Anesthesiology*, 1998;88:1502-6.
15. **Beilin Y**. Anesthesia for nonobstetric surgery during pregnancy. *Mt Sinai J Med* 1998;65:265-70.
16. Dimich I, Neustein S, Bernstein HH, Shiang H, **Beilin Y**. Cardiovascular consequences of the concomitant administration of nifedipine and magnesium sulfate in pigs. *Int J Obstet Anesth* 1998;7:247-50.
17. **Beilin Y**, Bodian CA, Mukherjee T, Andres LA, Vincent RD, Hock DL, Sparks AET, Munson AK, Minnich ME, Steinkampf MP, Christman GM, McKay RS, Eisenkraft JB. The effect of propofol, nitrous oxide, or isoflurane does not affect the reproductive success rate following gamete intrafallopian transfer (GIFT): A multicenter pilot trial/survey. *Anesthesiology* 1999;90:36-41.
18. **Beilin Y**, Galea M, Zahn J, Bodian CA. Epidural ropivacaine for the initiation of labor epidural analgesia: a dose-finding study. *Anesth Analg* 1999;88:1340-5.
19. **Beilin Y**, Leibowitz AB, Bernstein HH, Abramovitz SE. Controversies of labor epidural analgesia. *Anesth Analg* 1999;89:969-78.
20. Abramovitz SE, **Beilin Y**. (case report) Anesthetic management of the parturient with protein S deficiency and ischemic heart disease. *Anesth Analg* 1999;89:709-10.
21. **Beilin Y**, Friedman F Jr, Andres LA, Hossain S, Bodian CA. The effect of the obstetrician group and epidural analgesia on the risk for cesarean delivery in nulliparous women. *Acta Anaesthesiol Scand* 2000;44:959-64.
22. **Beilin Y**, Arnold I, Tefeyan C, Bernstein HH, Hossain S. The quality of analgesia when air vs. saline is used for identification of the epidural space in the parturient. *Reg Anesth* 2000;25:596-9.

Original Peer-Reviewed Publications (continued):

23. **Beilin Y**, Abramovitz SE, Zahn J, Enis S, Hossain S. Improved epidural analgesia in the parturient in the 30⁰ tilt position. *Can J Anaesth* 2000;47:1176-81.
24. Zahn J, Bernstein HH, Hossain S, Bodian CA, **Beilin Y**. Comparison of non-invasive blood pressure measurements on the arm and calf during cesarean delivery. *J Clin Monit Comput* 2000;16:557-62.
25. Bodian CA, Freedman, G, Hossain S, Eisenkraft JB, **Beilin Y**. The visual analogue scale for pain: clinical significance in postoperative patients. *Anesthesiology* 2001;95:1351-6.
26. **Beilin Y**. Advances in Labor Analgesia. *Mt Sinai J Med* 2002;69:38-44.
27. **Beilin Y**, Nair A, Arnold I, Bernstein HH, Zahn J, Hossain S, Bodian CA. A comparison of epidural infusions in the combined spinal/epidural technique for labor analgesia. *Anesth Analg* 2002;94:927-32.
28. Abramovitz S, **Beilin Y**. Thrombocytopenia, low molecular weight heparin and obstetric anesthesia. *Anesthesiology Clin N Am* 2003;21:99-110.
29. **Beilin Y**, Hossain S, Bodian CA. The numeric rating scale and labor epidural analgesia. *Anesth Analg* 2003;96:1794-8.
30. **Beilin Y**, Zahn J, Abramovitz S, Bernstein HH, Hossain S, Bodian CA. Subarachnoid Low Dose Bupivacaine vs. Lidocaine For Cervical Cerclage. *Anesth Analg* 2003;97:56-61.
31. **Beilin Y**, Arnold I, Hossain S. Evaluation of the platelet function analyzer (PFA-100®) vs. the thromboelastogram (TEG) in the parturient. *Int J Obstet Anesth* 2005;15:7-12.
32. **Beilin Y**, Bodian CA, Weiser J, Hossain S, Arnold I, Feierman DE, Martin G, Holzman I. Effect of epidural analgesia with and without fentanyl on infant breast-feeding. A prospective, randomized, double-blind study. *Anesthesiology* 2005;103:1211-17 (Accompanied by an editorial).
33. **Beilin Y**, Abramovitz S. The anticoagulated parturient. *Int Anesthesiol Clin* 2007;45:71-81.
34. Torrillo TM, Bronster DJ, **Beilin Y**. (case report) Delayed diagnosis of Posterior Reversible Encephalopathy Syndrome (PRES) in a parturient with preeclampsia after inadvertent dural puncture. *Int J Obstet Anesth* 2007;16:171-4.

Original Peer-Reviewed Publications (continued):

35. Wax DB, Beilin Y, Levin M, Chadha N, Krol M, Reich DL. The Effect of an Interactive Visual Reminder in an Anesthesia Information Management System on Timeliness of Prophylactic Antibiotic Administration. *Anesth Analg* 2007;104:1462-6.
36. Wax DB, Bhagwan S, Beilin Y. (case report) Tension Pneumothorax and Cardiac Arrest from an Improvised Oxygen Delivery System. *J Clin Anesth* 2007;19:546-8.
37. Beilin Y, Guinn NR, Bernstein HH, Zahn J, Hossain S, Bodain CA. Local anesthetics and mode of delivery: bupivacaine vs. ropivacaine vs. levobupivacaine. *Anesth Analg* 2007;105:756-63.
38. Nagarsheth NP, Pinney S, Bassily-Marcus A, Anyanwu A, Friedman L, Beilin Y. Successful placement of a right ventricular assist device for treatment of a presumed amniotic fluid embolism. *Anesth Analg* 2008;107:962-4.
39. Wax DB, Beilin Y, Hossain S, Lin HM, Reich DL. Manual Editing of Automatically Recorded Data in an Anesthesia Information Management System. *Anesthesiology* 2008;109:811-5.
40. Beilin Y, Wax D, Torrillo T, Mungall D, Guinn N, Henriquez J, Reich DL. A survey of anesthesiologists and nurses attitudes toward the implementation of an Anesthesia Information Management System on a labor and delivery floor. *IJOA*, 2009;18:22-27.
41. Gist RS, Stafford IP, Leibowitz AB, Beilin Y. Amniotic fluid embolism: A review. *Anesth Analg*. 2009;108:1599-602.
42. Beilin Y, Mungall D, Bodian CA, Hossain S. Labor pain at the time of epidural analgesia and mode of delivery in nulliparous women presenting for an induction of labor. *Obstet Gynecol* 2009;114:764-9.
43. Beilin Y. An update on obstetric anesthesia. *Semin Cardiothorac Vasc Anesth* 2010;14:64-5.
44. Beilin Y, Halpern S. Focused review: ropivacaine versus bupivacaine for epidural labor analgesia. *Anesth Analg* 2010;111:482-7.
45. Owen RP, Chou KJ, Silver CE, Beilin Y, Tang JJ, Yanagisawa RT, Rinaldo A, Shaha AR, Ferlito A. Thyroid and parathyroid surgery in pregnancy. *Eur Arch Otorhinolaryngol* 2010;267:1825-35.

Original Peer-Reviewed Publications (continued):

46. Hofer IS, Mahoney B, Rebarber A, **Beilin Y.** An Ex Utero Intrapartum Treatment Procedure in a Patient with a Family History of Malignant Hyperthermia, Int J Obstet Anesth 2013;22:146-8.

47. **Beilin Y.** Afonso A. Respiratory Arrest in Patients undergoing Arteriovenous Graft Placement with Supraclavicular Brachial Plexus Block: A Case Series. Journal Clin Anesth 2013;25:321-3.

48. Schmeck A, **Beilin Y.** Propionic Acidemia in a Parturient Presenting for Induction of Labor. A A Case Rep 2014;3:118-9.

49. Mathney E, **Beilin Y.** Successful epidural anesthesia for cesarean delivery in a woman with Fontan repair. J Clin Anesth, 2015;27:4.

50. **Beilin Y.** Spitzer Y. Presumed Group B Streptococcal Meningitis After Epidural Blood Patch. A A Case Rep 2015;4:163-165.

51. Spitzer Y, Weiner MM, **Beilin Y.** Cesarean Delivery in a Parturient with Left Ventricular Noncompaction Complicated by Acute Pulmonary Hypertension After Methylergonovine Administration for Postpartum Hemorrhage. A A Case Rep 2015;4:166-168.

52. Katz D, **Beilin Y.** Disorders of Coagulation in Pregnancy. Br J Anaesth 2015;115:suppl 2:ii75-ii88.

53. Katz D, **Beilin Y.** A Review of the Alternatives to Epidural Blood Patch for Treatment of Post-Dural Puncture Headache in the Parturient. Anesth Analg 2017; 124:1219-28.

54. Katz D, Hamburger J, Gutman D, Wang R, Lin HM, Marotta M, Zahn J, **Beilin Y.** The Effect of Adding Subarachnoid Epinephrine to Hyperbaric Bupivacaine and Morphine for Repeat Cesarean Delivery: A Double Blind Prospective Randomized Control Trial. Anesth Analg 2017;26:

EDITORIAL IN PEER REVIEWED JOURNALS

1. **Beilin Y.** Finding the ever elusive vertebral midline: does Mother know best? J Clin Anesth 2011;23:1-2.

2. **Beilin Y.** Halpern SH. Placenta accreta: successful outcome is all in the planning. Int J Obstet Anesth 2013;22:269-71.

CORRESPONDENCE/ REPLY IN PEER REVIEWED JOURNALS:

1. **Beilin Y**, Bernstein HH. L'électroencéphalogramme informatise en per-opératoire chez une patiente présentant une artérite de Takayasu (EEG monitoring and Takayasu's arteritis) (letter). Can J Anaesth 1993;40:902-3.
2. **Beilin Y**, Bernstein HH, Zucker-Pinchoff B. How far should a catheter be inserted into the epidural space (letter)? Anesth Analg 1996;82:893-4.
3. **Beilin Y**, Bodian CA, Bernstein HH, Zucker-Pinchoff B. The optimal distance that a multiorifice epidural catheter should be threaded into the epidural space (letter). Anesth Analg 1996; 82:894-5.
4. **Beilin Y**. Epidural catheter insertion and satisfactory analgesia (letter). Anesthesiology 1996;84:1524-5.
5. **Beilin Y**. The mobile versus the immobile epidural - the mobile versus the immobile patient (letter). Anesthesiology 1997;86:747-9.
6. Abramovitz S, **Beilin Y**, Bernstein HH. Isoproterenol and epidural analgesia (letter). Anesth Analg 1999;88:1190.
7. **Beilin Y**. Postdural puncture headache (PDPH) and combined spinal-epidural (CSE) (letter). Anesth Analg 2000;90:1249-50.
8. Rosenblatt MA, Bernstein HH, **Beilin Y**. Are Subarachnoid Catheters Really Safe (letter)? Reg Anesth Pain Med 2004;29:185-8.
9. **Beilin Y**. The treatment should not be worse than the disease (letter). Anesthesiology 2006;104:1348-9.

INVITED CONTRIBUTIONS:

Review Articles - Peer Reviewed

1. **Beilin Y**. Anesthesia for nonobstetric surgery during pregnancy. In Eisenkraft JB, ed. Progress in Anesthesiology, San Antonio: Dannemiller Memorial Educational Foundation, 2000;14:219-28.
2. **Beilin Y**. Labor Analgesia: Controversies and Advances. In Eisenkraft JB, ed. Progress in Anesthesiology, San Antonio: Dannemiller Memorial Educational Foundation, 2000;14:339-52.

Invited contributions Review Articles - Peer Reviewed (continued):

3. **Beilin Y.** Stat cesarean delivery in the parturient with a difficult airway – regional or general anesthesia. In Moya F, ed. Current Reviews in Clinical Anesthesia, Miami Lakes: Current Reviews®, 2002;22:185-196.
4. **Beilin Y.** Anesthesia for nonobstetric surgery during pregnancy. In Moya F, ed. Current Reviews in Clinical Anesthesia, Miami Lakes: Current Reviews®, 2002;23:87-95.
5. **Beilin Y.** The combined spinal-epidural technique for anesthesia and analgesia in the parturient. In Clinical Dialogues on Regional anesthesia – a continuing education series of the Becton Dickinson Company, 2002; 17:1-5.
6. **Beilin Y, Abramovitz S.** Thrombocytopenia, Low Molecular Weight Heparin and Obstetric Anesthesia. In Eisenkraft JB, ed. Progress in Anesthesiology, San Antonio: Dannemiller Memorial Educational Foundation, 2003;17:223-31.
7. **Beilin Y.** Elevated Blood Pressure in the Parturient. In Moya F, ed. Current Reviews in Clinical Anesthesia, Miami Lakes: Current Reviews®, 2007;27:143-151.
8. **Beilin Y.** Thrombocytopenia and Low Molecular Weight Heparin: Implications for Regional Anesthesia. In Moya F, ed. Current Reviews in Clinical Anesthesia, Miami Lakes: Current Reviews®, 2007;28:63-71.

Review of Articles:

1. **Beilin Y.** Review and comment on Ropivacaine and abdominal wound infiltration and peritoneal spraying at cesarean delivery for preemptive analgesia by Bamigboye AA and Jsutus HG. Int J Obstet Gynaecol 2008;102:160-174. In: Obstetric Anesthesia Digest 2009;29:99-100.
2. **Beilin Y.** Review and comment on Comparison of Fentanyl and Sufentanil as Adjuncts to Bupivacaine for Labor Epidural Analgesia by Lilker S, Rofaeel A, Balki M, Carvalho JC. J Clin Anesth, 21:108-12, 2009. In: Obstetric Anesthesia Digest 2009;29:221-22.
3. **Beilin Y.** Review and comment on Yoo KY, Jeong CW, Park BY, et al. Effects of Remifentanyl on Cardiovascular and Bispectral Index Responses to Endotracheal Intubation in Severe Preeclamptic Patients Undergoing Cesarean Delivery Under General Anesthesia. Br J Anaesth 2009;102:812-9. In: Obstetric Anesthesia Digest 2010;304:126-7.

Invited Contributions - Review of Articles (continued):

4. **Beilin Y.** Review and comment on Mhyre JM, Healy D. The unanticipated difficult airway in obstetrics. *Anesth Analg.* 2011;112(3):648–52. In: *Obstetric Anesthesia Digest* 32:73-74.
5. **Beilin Y.** Review and comment on Wilson MJ, MacArthur C, Cooper GM. Epidural Analgesia and Breastfeeding: A Randomized Controlled Trial of Epidural Techniques With and Without Fentanyl and a Nonepidural Comparison Group. *Anaesthesia* 2010;65:145-53. In: *Obstetric Anesthesia Digest* 2011;33:117-8.
6. **Beilin Y.** Review and comment on Blood Cell Salvage During Cesarean Delivery by Sullivan, JV, Crouch ME, Stocken G, Lindow SW. *Int J Gynaecol Obstet.* 2011;115:161–3. In: *Obstetric Anesthesia Digest* 2012;32:222-3.
7. **Beilin Y.** Review and comment on Snijder CA, Cornette JM, Hop WC, Kruip MJ, Duvekot JJ. Thrombosis and Bleeding Complications After Cesarean Section. *Acta Obstet Gynecol Scand* 2012;91:560-5. In: *Obstetric Anesthesia Digest* 2013;33:100.
8. **Beilin Y.** Review and comment on Risk factors for failed conversion of labor epidural analgesia to cesarean delivery anesthetic: a systematic review and meta-analysis of observational trials by Bauer ME, Kountanis JA, Tsen LC, Greenfield ML, Mhyre JM. *Int J Obstet Anesth* 2012;21:294-309. In: *Obstetric Anesthesia Digest* 2013;33:186-7.
9. **Beilin Y.** Review and comment on Zheng H, Dong Y, Xu Z, et al. Sevoflurane anesthesia in pregnant mice induces neurotoxicity in fetal and offspring mice. *Anesthesiology* 2013;118:516-26. In: *Obstetric Anesthesia Digest* 2014;33:186-7.
10. **Beilin Y.** Review and comment on Kramer MS, Berg C, Abenhaim H, et al. Incidence, Risk Factors, and Temporal Trends in Severe Postpartum Hemorrhage. *Am J Obstet Gynecol.* 2013;209(5):449.e1–449.e7. In *Obstetric Anesthesia Digest* 2014;34:201-2.
11. **Beilin Y.** Review and comment on Farber MK, Sadana N, Kaufman RM, Liu X, Kodali BS. Transfusion ratios for postpartum Hemodilutional Coagulopathy: An In Vitro Thromboelastographic Model. *Am J Obstet Gynecol.* 2014; 210:323.e1–323.e7. In *Obstetric Anesthesia Digest* 2015;35:79-80.
12. **Beilin Y.** Review and comment on Strouch ZY, Dakik CG, White WD, Habib AS. Anesthetic Technique for Cesarean Delivery and Neonatal Acid-base Status: A Retrospective Database Analysis. *Int J Obstet Anesth* 2015;24:22-9. In: *Obstetric Anesthesia Digest* 2016;36:149-50.
13. **Beilin Y.** Review and comment on Nivatpumin P, Thamvittayakul V. Ephedrine versus ondansetron in the prevention of hypotension during cesarean delivery: a randomized, double-blind, placebo-controlled trial. *Int J Obstet Anesth* 2016; 27:25–31. In: *Obstetric Anesthesia Digest* 2017 in press.

Invited Contributions - Review of Articles (continued):

14. Kulkarni A, Beilin Y. Review and comment on Nyfløt LT, Sandven I, Oldereid MB, Stray-Pedersen B, Vangen S. Assisted reproductive technology and severe postpartum haemorrhage: a case-control study. BJOG 2017;124:1198-1205 In: Obstetric Anesthesia Digest, in press.

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2. Beilin Y. Preeclampsia. In: Reed AP, ed. Clinical cases in anesthesia, 2nd edn. New York: Churchill Livingstone, 1995: 267-72.
3. Beilin Y. Placenta previa and abruptio placentae. In: Reed AP, ed. Clinical cases in anesthesia, 2nd edn. New York: Churchill Livingstone, 1995: 273-80.
4. Beilin Y. Nonobstetric surgery in the pregnant patient. In: Reed AP, ed. Clinical cases in anesthesia, 2nd edn. New York: Churchill Livingstone, 1995: 2861-88.
5. Beilin Y, Bernstein HH. Fetal malpresentation and multiple birth. In: Norris MC, ed. Obstetric anesthesia, 2nd edn. Philadelphia: Lippincott Williams and Wilkins, 1999: 657-73.
6. Beilin Y. Anesthesia for cesarean delivery: regional or general? In: Fleisher LA ed. Evidence-Based Practice of Anesthesiology. Philadelphia: Saunders, 2004: 401-6.
7. Beilin Y. Labor and Delivery. In: Reed AP and Yudkowitz FS, ed. Clinical cases in anesthesia, 3rd edn. Philadelphia: Elsevier Churchill Livingstone, 2005:347-354.
8. Beilin Y, Telfeyan C. Preeclampsia. In: Reed AP and Yudkowitz FS, ed. Clinical cases in anesthesia, 3rd edn. Philadelphia: Elsevier Churchill Livingstone, 2005:355-362.
9. Bernstein HH, Beilin Y. Abruptio placentae and placenta previa. In: Reed AP and Yudkowitz FS, ed. Clinical cases in anesthesia, 3rd edn. Philadelphia: Elsevier Churchill Livingstone, 2005:363-70.
10. Beilin Y. Anesthesia for nonobstetric surgery during pregnancy. In: Reed AP and Yudkowitz FS, ed. Clinical cases in anesthesia, 3rd edn. Philadelphia: Elsevier Churchill Livingstone, 2005:371-378.

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11. **Beilin Y**, Abramovitz S. Thrombocytopenia in pregnancy. In: Reed AP and Yudkowitz FS, ed. Clinical cases in anesthesia, 3rd edn. Philadelphia: Elsevier Churchill Livingstone, 2005:379-386.

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13. Gist R, **Beilin Y**. Hypertensive Disorders of pregnancy. In: Bucklin BA, Gambling DR, Wlody D, eds. A Practical Approach to Obstetric Anesthesia. Philadelphia: Lippincott Williams & Wilkins, 2009, 349-363.

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17. **Beilin Y**. Thrombocytopenia and low molecular weight heparin in the parturient: implications for neuraxial anesthesia. In Rosenblatt MA, ed. ASA Refresher Courses in Anesthesiology, Philadelphia, Lippincott Williams & Wilkins, 2011, 6-12.

18. **Beilin Y**. Non-obstetric Surgery During Pregnancy. In: Suresh MS, Segal BS, Preston R, Fernando R, Mason CL, eds. Shnider & Levinson's Anesthesia for Obstetrics 5th edition. Philadelphia, Wolters Kluwer Health/Lippincott Williams & Wilkins, 2013, 804-816.

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23. **Beilin Y.** Preeclampsia. In: Reed AP, Yudkowitz, FS eds. Clinical Cases in Anesthesia, 4th edition. Philadelphia, Heather Krehling, 2014, 285-90.

24. **Beilin Y.** Anesthesia for nonobstetric surgery during pregnancy. In: Reed AP, Yudkowitz, FS eds. Clinical Cases in Anesthesia, 4th edition. Philadelphia, Heather Krehling, 2014, 299-305.

25. **Beilin Y.** Thrombocytopenia in pregnancy. In: Reed AP, Yudkowitz, FS eds. Clinical Cases in Anesthesia, 4th edition. Philadelphia, Heather Krehling, 2014, 306-11.

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27. Bernstein HH, **Beilin Y.** Abruptio Placentae and Placenta Previa. In: Reed AP, Yudkowitz, FS eds. Clinical Cases in Anesthesia, 4th edition. Philadelphia, Heather Krehling, 2014, 291-8.

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2. **Beilin Y**. A pregnant patient with an acute abdomen. Syllabus for The 33rd annual New York Anesthesiology Review, 1996.
3. **Beilin Y**, Bernstein HH, Zucker-Pinchoff B. The optimal distance that a multi-orifice epidural catheter should be threaded into the epidural space. Analgesic Digest 1996;2:18-19.
4. **Beilin Y**. A pregnant patient with an acute abdomen. Syllabus for The 34th annual New York Anesthesiology Review, 1997.
5. **Beilin Y**. Stat cesarean section - regional versus general anesthesia. Problem-Based Learning Discussions for the American Society of Anesthesiologists, 1997: L-83.
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7. **Beilin Y**. Stat cesarean section - regional versus general anesthesia. Problem-Based Learning Discussions for the American Society of Anesthesiologists, 1998: L-66.
8. **Beilin Y**. Stat cesarean section - regional versus general anesthesia. Syllabus for The 52nd Annual Post graduate Assembly in Anesthesiology, of the New York State Society of Anesthesiologists, 1998: A166-72.
9. **Beilin Y**. Heart diseases in pregnant women. Syllabus for the 17th annual symposium: clinical update in anesthesia and advanced in techniques of cardiopulmonary bypass, 1999: 37.
10. **Beilin Y**. Stat cesarean section - regional versus general anesthesia. Syllabus for The 36th annual New York Anesthesiology Review, 1998.

Proceedings of Symposia (continued):

11. **Beilin Y.** Obstetric anesthesia - Key words. Syllabus for The 36th annual New York Anesthesiology Review, 1998.
12. **Beilin Y, Norris MC.** Walking epidurals and other obstetric advances. Syllabus for the 24th annual meeting of the American Society of Regional Anesthesia, 1999.
13. **Beilin Y.** Post dural puncture headaches: Diagnosis and management. Syllabus for the 24th annual meeting of the American Society of Regional Anesthesia, 1999.
14. **Beilin Y.** Stat cesarean section - regional versus general anesthesia. Problem-Based Learning Discussions for the American Society of Anesthesiologists, 1999: L-87.
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16. **Beilin Y.** Thrombocytopenia and regional anesthesia for the parturient – How low can you go? Program and summaries for The 12th International Symposium on Anesthesia and Intensive Care, 1999: 19.
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26. **Beilin Y.** Thrombocytopenia and neuraxial analgesia. Syllabus for The 55th Annual Post graduate Assembly in Anesthesiology, of the New York State Society of Anesthesiologists, 2001;115-6.

27. **Beilin Y.** Abramovitz S. Patient with severe pre-eclampsia. Syllabus for The 55th Annual Post graduate Assembly in Anesthesiology, of the New York State Society of Anesthesiologists, 2001;136-9.

28. **Beilin Y.** Advances in labor analgesia. Syllabus for The Texas Anesthesia Conference for Obstetrics (TACO). 2002:15-23.

29. **Beilin Y.** The real world: Spinal versus epidural anesthesia for cesarean section – maternal satisfaction, non-reassuring fetal heart rate, and postoperative analgesia. Syllabus for The Texas Anesthesia Conference for Obstetrics (TACO). 2002:85-89.

30. **Beilin Y.** Evaluation of platelet function in parturients: The platelet function analyzer (PFA-100) is more reliable. Syllabus for The Texas Anesthesia Conference for Obstetrics (TACO). 2002:97-102.

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33. **Beilin Y.** Stat cesarean section - regional versus general anesthesia. Problem-Based Learning Discussions for the American Society of Anesthesiologists, 2001:L-68.

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35. **Beilin Y.** Abramovitz S. The parturient with severe pre-eclampsia. Syllabus for The 56th Annual Post graduate Assembly in Anesthesiology, of the New York State Society of Anesthesiologists, 2002;139-42.

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36. **Beilin Y.** Thrombocytopenia, Low Molecular Weight Heparin and Epidural Labor Analgesia: What is an Anesthesiologist To Do? Syllabus for The 57th Annual Post graduate Assembly in Anesthesiology, of the New York State Society of Anesthesiologists, 2003.
37. **Beilin Y,** Abramovitz S. Elevated blood pressure in the parturient. Syllabus for The 57th Annual Post graduate Assembly in Anesthesiology, of the New York State Society of Anesthesiologists, 2003.
38. **Beilin Y.** The Patient for Cesarean Delivery Is Hemorrhaging!! Problem-Based Learning Discussions for the American Society of Anesthesiologists, 2004:L-165.
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40. **Beilin Y.** Stat Cesarean Section: Regional Vs. General Anesthesia. Syllabus for the 31st Annual Virginia Apgar Seminar, 2005;1-7.
41. **Beilin Y.** Thrombocytopenia and Low Molecular Weight Heparin: Implications for Regional Anesthesia. Syllabus for the 31st Annual Virginia Apgar Seminar, 2005;61-9.
42. **Beilin Y.** Non-Obstetric Surgery During Pregnancy. Syllabus for the 31st Annual Virginia Apgar Seminar, 2005;31-39.
43. **Beilin Y.** "Non-Obstetric Surgery During Pregnancy." Syllabus for the 42nd Annual New York Anesthesiology Review, 2005.
44. **Beilin Y.** "Anesthetic Management of Preeclampsia." Syllabus for the 42nd Annual New York Anesthesiology Review, 2005.
45. **Beilin Y.** "Anesthetic Management of Peri-Partum Hemorrhage." Syllabus for the 42nd Annual New York Anesthesiology Review, 2005.
46. **Beilin Y,** Bernstein HH. "Stat Cesarean Section: Regional Vs. General Anesthesia." Syllabus for the 42nd Annual New York Anesthesiology Review, 2005.
47. **Beilin Y.** Does Neuraxial Labor Analgesia Affect Newborn Behavior and Breastfeeding? Syllabus for The 59th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, 2005.

Proceedings of Symposia (continued):

48. **Beilin Y.** Anesthetic Management of Preeclampsia. Syllabus for The 59th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, 2005.
49. **Beilin Y.** Elevated Blood Pressure in the Parturient. Syllabus for The 59th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, 2005.
50. **Beilin Y.** "Non-Obstetric Surgery During Pregnancy." Syllabus for the 43rd Annual New York Anesthesiology Review, 2006.
51. **Beilin Y.** "Anesthetic Management of Preeclampsia." Syllabus for the 43rd Annual New York Anesthesiology Review, 2006.
52. **Beilin Y.** "Anesthetic Management of Peri-Partum Hemorrhage." Syllabus for the 43rd Annual New York Anesthesiology Review, 2006.
53. **Beilin Y, Bernstein HH.** "Stat Cesarean Section: Regional Vs. General Anesthesia." Syllabus for the 43rd Annual New York Anesthesiology Review, 2006.
54. **Beilin Y.** Elevated Blood Pressure in the Parturient. Syllabus for The 60th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, 2006.
55. **Beilin Y.** "Anesthesia for the parturient for Non-Obstetric Surgery." Syllabus for the 44th Annual New York Anesthesiology Review, 2007.
56. **Beilin Y.** "Labor neuraxial analgesia: An evidence Based Approach." Syllabus for the 44th Annual New York Anesthesiology Review, 2007.
57. **Beilin Y.** "Anesthetic Management of Peri-Partum Hemorrhage." Syllabus for the 44th Annual New York Anesthesiology Review, 2007.
58. **Beilin Y, Bernstein HH.** "Preterm pregnancy complicated by hypertension." Syllabus for the 44th Annual New York Anesthesiology Review, 2007.
59. **Beilin Y.** "Anesthetic techniques for labor: an evidence based approach." Syllabus for the 33rd Annual Virginia Apgar Seminar, 2007.
60. **Beilin Y.** Thrombocytopenia and Low Molecular Weight Heparin: Implications for Regional Anesthesia. Syllabus for the 33rd Annual Virginia Apgar Seminar, 2007.
61. **Beilin Y.** Non-Obstetric Surgery During Pregnancy. Syllabus for the 33rd Annual Virginia Apgar Seminar, 2007.

Proceedings of Symposia (continued):

62. **Beilin Y.** "Anesthetic Management of the woman at risk for postpartum hemorrhage." Syllabus for Challenges in Obstetrics, Gynecology, and Women's Health Meeting 2007.

63. **Beilin Y.** Labor neuraxial analgesia: An evidence-based approach. Syllabus for The Hawaii Anesthesiology Update 2007.

64. **Beilin Y.** Thrombocytopenia and Low molecular weight heparin. Syllabus for The Hawaii Anesthesiology Update 2007.

65. **Beilin Y.** Non-obstetric surgery during pregnancy. Syllabus for The Hawaii Anesthesiology Update 2007.

66. **Beilin Y.** Management and treatment of obstetric hemorrhage. Syllabus for The Hawaii Anesthesiology Update 2007.

67. **Beilin Y.** Anesthesia for urgent cesarean delivery. Syllabus for The Hawaii Anesthesiology Update 2007.

68. **Beilin Y.** "Anesthesia for the parturient for Non-Obstetric Surgery." Syllabus for the 45th Annual New York Anesthesiology Review, 2008.

69. **Beilin Y.** "Labor neuraxial analgesia: An evidence Based Approach." Syllabus for the 45th Annual New York Anesthesiology Review, 2008.

70. **Beilin Y.** "Anesthetic Management of Peri-Partum Hemorrhage "Syllabus for the 45th Annual New York Anesthesiology Review, 2008.

71. **Beilin Y, Bernstein HH.** "Preterm pregnancy complicated by hypertension." Syllabus for the 45th Annual New York Anesthesiology Review, 2008.

72. **Beilin Y.** "Post partum headache: Differential diagnosis and treatment." Syllabus for Challenges in Obstetrics, Gynecology, and Women's Health Meeting 2008.

73. **Beilin Y.** Thrombocytopenia and Regional Analgesia for Labor – How Low Can You Go?" Syllabus for the 21st International Congress of the Israel Society of Anesthesiologists, Tel Aviv, Israel, 2008.

74. **Beilin Y.** "Anesthesia for the parturient for Non-Obstetric Surgery." Syllabus for the 45th Annual New York Anesthesiology Review, 2009.

75. **Beilin Y.** "Labor neuraxial analgesia: An evidence Based Approach." Syllabus for the 45th Annual New York Anesthesiology Review, 2009.

Proceedings of Symposia (continued):

76. **Beilin Y.** ""Anesthetic Management of Peri-Partum Hemorrhage "Syllabus for the 45th Annual New York Anesthesiology Review, 2009.

77. **Beilin Y.**, Bernstein HH. "Preterm pregnancy complicated by hypertension."Syllabus for the 45th Annual New York Anesthesiology Review, 2009.

78. **Beilin Y.** Thrombocytopenia and Regional Analgesia for Labor – How Low Can You Go?" Syllabus for Challenges in Obstetrics, Gynecology, and Women's Health Meeting 2009.

79. **Beilin Y.** "Anesthesia for the parturient for Non-Obstetric Surgery." Syllabus for the 45th Annual New York Anesthesiology Review, 2010.

80. **Beilin Y.** ""Labor neuraxial analgesia: An evidence Based Approach." Syllabus for the 45th Annual New York Anesthesiology Review, 2010.

81. **Beilin Y.** ""Anesthetic Management of Peri-Partum Hemorrhage "Syllabus for the 45th Annual New York Anesthesiology Review, 2010.

82. **Beilin Y.**, Bernstein HH. "Preterm pregnancy complicated by hypertension."Syllabus for the 45th Annual New York Anesthesiology Review, 2010.

83. **Beilin Y.** Practical Suggestions for Improving Safety In Your Unit: Safety Rounds Beyond Board Sign Out. Syllabus for the 47th Annual meeting of the Society for Obstetric Anesthesia and perinatology, Toronto, Canada, May 18, 2015.

INVITED LECTURES/PRESENTATIONS AND VISITING PROFESSORSHIPS

1. "Anesthesia for labor and delivery." Grand rounds lecture for the Division of Maternal Fetal Medicine, Department of Obstetrics and Gynecology, Mount Sinai School of Medicine, New York, NY, November 9, 1994.
2. "The bleeding patient." Lecture at The 32nd annual New York Anesthesiology Review, New York, NY, June 14, 1995.
3. "Neurologic complications in the obstetric patient." Grand rounds lecture for The Department of Anesthesiology, Englewood Hospital and Medical Center, Englewood, NJ, September 6, 1995.
4. "Update on obstetric anesthesia." Grand rounds lecture for The Department of Obstetrics and Gynecology, Mount Sinai School of Medicine, New York, NY, October 11, 1995.
5. "Nonobstetric surgery for the pregnant patient." Grand rounds lecture for The Department of Anesthesiology, Saint Barnabas Medical Center, Livingstone, NJ, November 15, 1995.
6. "Anesthesia for non-obstetrical surgery." Lecture at the 49th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 10, 1995.
7. "Update on obstetric anesthesia." Grand rounds lecture for the Department of Obstetrics and Gynecology, New York Medical *College, New York, NY, April 23, 1996.
8. "Update on obstetric anesthesia." Grand rounds lecture for the Department of Obstetrics and Gynecology, Saint Vincent's Medical Center, Staten Island, NY, May 31, 1996.
9. "A pregnant patient with an acute abdomen." Lecture at The 33rd annual New York Anesthesiology Review, New York, NY, June 14, 1996.
10. "A pregnant patient with an acute abdomen." Lecture at The 34th annual New York Anesthesiology Review, New York, NY, March 24, 1997.
11. "Nonobstetric surgery for the pregnant patient." Grand rounds lecture for The Department of Anesthesiology, Baystate Medical Center, Springfield, MA, April 17, 1997.
12. "Update on obstetric anesthesia." Grand rounds lecture for The Department of Anesthesiology, White Plains Hospital, White Plains, NY, May 6, 1997.

Invited Lectures/Presentations and Visiting Professorships (continued):

13. "Update on obstetric anesthesia." Grand rounds lecture for The Department of Anesthesiology, Maimonides Medical Center, Brooklyn, NY, August 13, 1997.
14. "Stat cesarean section - regional versus general anesthesia." Lecture at annual meeting of the American Society of Anesthesiologists, San Diego, CA, October, 21, 1997.
15. "Stat cesarean section - regional versus general anesthesia." Lecture at The 35th annual New York Anesthesiology Review, New York, NY, March 16, 1998.
16. "An update of obstetric anesthesia." Grand rounds lecture for The Department of Anesthesiology, Brookdale Hospital, Brooklyn, NY, March 24, 1998.
17. "Update on obstetrical anesthesia." Grand rounds lecture for the Department of Obstetrics and Gynecology, Lincoln Medical and Mental Health Center, New York Medical College, Bronx, NY, August 4, 1998.
18. "Stat cesarean section - regional versus general anesthesia." Lecture at the annual meeting of the American Society of Anesthesiologists, San Diego, CA, October 20, 1998.
19. "Stat cesarean section - regional versus general anesthesia." Lecture at the annual meeting of the American Society of Anesthesiologists, San Diego, CA, October 21, 1998.
20. "Stat cesarean section - regional versus general anesthesia." Lecture at The 52nd Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 15, 1998.
21. "Management of the parturient with heart disease." Lecture at the 17th annual symposium: Clinical update in anesthesia and advanced in techniques of cardiopulmonary bypass, St. Thomas. US, Virgin Islands, January 29, 1999.
22. "An update of obstetrical anesthesia." Visiting Professor and Grand rounds lecture for the Department of Anesthesiology, St. Joseph's Hospital and Medical Center, Paterson, NJ, February 18, 1999.
23. "Stat cesarean section - regional versus general anesthesia." Lecture at The 36th annual New York Anesthesiology Review, Orlando, FL, March 22, 1999.
24. "Obstetric anesthesia - Key words." Presentation at The 36th annual New York Anesthesiology Review, Orlando, FL, March 23, 1999.

Invited Lectures/Presentations and Visiting Professorships (continued):

25. "Walking epidurals and other obstetric advances." Lecture at the 24th annual meeting of the American Society of Regional Anesthesia, Philadelphia, PA, May 7, 1999.

26. "Post dural puncture headaches: Diagnosis and management." Lecture at the 24th annual meeting of the American Society of Regional Anesthesia, Philadelphia, PA, May 9, 1999.

27. "Update in obstetric anesthesia." Grand rounds lecture at the Island-wide anesthesiology forum of the Sisters of Charity Medical Center. Staten Island, NY, July 13, 1999.

28. "Stat cesarean section - regional versus general anesthesia." Lecture at the annual meeting of the American Society of Anesthesiologists, Dallas, TX, October 11, 1999.

29. "Stat cesarean section - regional versus general anesthesia." Lecture at the annual meeting of the American Society of Anesthesiologists, Dallas, TX, October 12, 1999.

30. "Thrombocytopenia and regional anesthesia for the parturient – How low can you go?" Lecture at The 12th International Symposium on Anesthesia and Intensive Care, Tel Aviv, Israel, December 8, 1999.

31. "New techniques in obstetric anesthesia." Lecture at The 12th International Symposium on Anesthesia and Intensive Care, Tel Aviv, Israel, December 9, 1999.

32. "Regional anesthesia and thrombocytopenia: How low can you go?" Panel lecture at the 53rd Postgraduate Assembly, meeting of the New York State Society of Anesthesiologists, New York, NY, December 12, 1999.

33. "Stat cesarean section - regional versus general anesthesia." Lecture at The 53rd Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 13, 1999.

34. "Post dural puncture headaches: Diagnosis and management." Visiting Professor and Grand rounds lecture for the Department of Anesthesiology, New York University School of Medicine, January 13, 2000.

35. "Regional anesthesia and thrombocytopenia: How low can you go?" Grand rounds lecture for the Department of Anesthesiology, New York Medical College, February 3, 2000.

36. "Update in obstetric anesthesia." Grand rounds lecture for the Department of Anesthesiology, Vassar Brothers Hospital, Poughkeepsie, NY, March 16, 2000.

Invited Lectures/Presentations and Visiting Professorships (continued):

37. "Thrombocytopenia and regional anesthesia for the parturient – How low can you go?" Visiting Professor and Grand rounds lecture for the Willem Luykx, MD Memorial Lecture Series of the Department of Anesthesiology at the University of Medicine and Dentistry of New Jersey, Robert Wood Johnson Medical School, New Brunswick, NJ, April 5, 2000.

38. Moderator for Case Discussions at the 32nd annual meeting of the Society for Obstetric Anesthesia and Perinatology, Montreal, Canada, June 4, 2000,

39. "Stat cesarean section - regional versus general anesthesia." Lecture at the annual meeting of the American Society of Anesthesiologists, San Francisco, CA, October 17, 2000.

40. "Advances in obstetric anesthesia." Lecture at the Fall Meeting of the 4th District of The New York State Society of Anesthesiologists, Albany, NY, November 8, 2000.

41. "Postdural puncture headache." Grand rounds lecture for the Department of Anesthesiology, Albany Medical College, Albany, NY, November 9, 2000.

42. "Labor analgesia Challenges." Lecture at The 54th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 10, 2000.

43. "Labor analgesia Challenges." Lecture at The 54th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 11, 2000.

44. "Elevated blood pressure in the parturient." Lecture at The 54th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 12, 2000.

45. "Post dural puncture headaches: Diagnosis and management." Visiting Professor and Grand rounds lecture for the Department of Anesthesiology, New York University School of Medicine, January 24, 2001.

46. "Advances in labor analgesia." Grand rounds lecture for the Department of Anesthesiology, Maimonides Medical Center, Brooklyn, NY, February 9, 2001.

47. "Advances in labor analgesia." Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 11, 2001.

48. "Stat cesarean section - regional versus general anesthesia". Lecture at The 38th annual New York Anesthesiology Review, Orlando, FL, March 12, 2001.

Invited Lectures/Presentations and Visiting Professorships (continued):

49. "Obstetric anesthesia - Key words." Presentation at The 38th annual New York Anesthesiology Review, Orlando, FL, March 12, 2001.
50. "Update in obstetric anesthesia." Grand rounds presentation for the Department of Obstetrics and Gynecology, Lehigh Valley Hospital, Allentown, PA, April 20, 2001.
51. "New Amide Local Anesthetics." Grand rounds presentation for the Departments of Anesthesiology and Surgery, St. Elizabeth's Hospital of Tufts Medical School, Brighton, MA, September 20, 2001.
52. "Safe Neuraxial Anesthesia." Panel Moderator at the annual meeting of the American Society of Anesthesiologists, New Orleans, LA, October 15, 2001.
53. "Thrombocytopenia and regional anesthesia for the parturient – How low can you go?" Lecture at the annual meeting of the American Society of Anesthesiologists, New Orleans, LA, October 15, 2001.
54. "Stat cesarean section - regional versus general anesthesia." Lecture at the annual meeting of the American Society of Anesthesiologists, New Orleans, LA, October 16, 2001.
55. "Overview of Regional Anesthesia." Lecture for District Managers at Purdue Pharmaceuticals, Stamford, CT, October 29, 2001.
56. "New Amide Local Anesthetics." Lecture for District Managers at Purdue Pharmaceuticals, Stamford, CT, October 29, 2001.
57. "Cesarean delivery: regional vs. General Anesthesia." Panel lecture at the 55th Postgraduate Assembly, meeting of the New York State Society of Anesthesiologists, New York, NY, December 9, 2001.
58. "Regional anesthesia and thrombocytopenia in the OB patient: How low can you go?" Panel lecture at the 55th Postgraduate Assembly, meeting of the New York State Society of Anesthesiologists, New York, NY, December 9, 2001.
59. "Regional anesthesia and thrombocytopenia in the OB patient: How low can you go?" Focus session lecture at the 55th Postgraduate Assembly, meeting of the New York State Society of Anesthesiologists, New York, NY, December 9, 2001.
60. "Elevated blood pressure in the parturient." Lecture at The 55th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 10, 2001.

Invited Lectures/Presentations and Visiting Professorships (continued):

61. "Thrombocytopenia and regional anesthesia for the parturient – How low can you go?" Visiting Professor and Grand rounds lecture for the Department of Anesthesia and Critical Care, Beth Israel Deaconess Medical Center of Harvard Medical School, Boston, MA, January 15, 2002.

62. "Non-obstetric surgery during pregnancy." Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 4, 2002.

63. "Non-obstetric surgery during pregnancy." Grand rounds lecture for the Departments of Anesthesiology of New York Hospital and Memorial Sloan Kettering Cancer Center of The Joan and Sanford I. Weill Medical College of Cornell University, New York, NY, February 11, 2002.

64. "Advances in labor analgesia." Lecture at the Texas Anesthesia Conference for Obstetrics (TACO 2002). Houston, TX, March 1, 2002.

65. "The real world: Spinal versus epidural anesthesia for cesarean section – maternal satisfaction, non-reassuring fetal heart rate, and postoperative analgesia." Lecture at the Texas Anesthesia Conference for Obstetrics (TACO 2002). Houston, TX, March 1, 2002.

66. "Evaluation of platelet function in parturients: The platelet function analyzer (PFA-100) is more reliable." Lecture at the Texas Anesthesia Conference for Obstetrics (TACO 2002). Houston, TX, March 1, 2002.

67. "Stat cesarean section - regional versus general anesthesia". Lecture at The 39th annual New York Anesthesiology Review, Orlando, FL, March 11, 2002.

68. "Obstetric anesthesia - Key words." Presentation at The 39th annual New York Anesthesiology Review, Orlando, FL, March 11, 2002.

69. Lecture for poster review at the 34th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Hilton Head Island, South Carolina, May 2, 2002.

70. "Advances in Obstetric Anesthesia." Grand rounds presentation for the Department of Anesthesiology, Hackensack University Medical Center, Hackensack, NJ, August 20, 2002.

71. "Stat cesarean section - regional versus general anesthesia." Lecture at the annual meeting of the American Society of Anesthesiologists, Orlando, FL, October 14, 2002.

72. "The patient for cesarean delivery is hemorrhaging." Lecture at the annual meeting of the American Society of Anesthesiologists, Orlando, FL, October 14, 2002.

Invited Lectures/Presentations and Visiting Professorships (continued):

73. "Thrombocytopenia, aspirin, and low molecular weight heparin: Maintaining the safety of neuraxial anesthesia. Lecture at the annual meeting of the American Society of Anesthesiologists, Orlando, FL, October 16, 2002.

74. "Optimizing OB Anesthesia: An Anesthesiologist's Perspective." Grand rounds presentation for the Department of Obstetrics and Gynecology and Reproductive Sciences, Mount Sinai School of Medicine of New York University, October 30, 2002.

75. "The parturient with severe preeclampsia." Lecture at The 56th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 9, 2002.

76. "Cesarean delivery: Regional vs. general anesthesia." Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 2, 2003.

77. Judge for the Gertie Marx Symposium at the 34th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Phoenix, Arizona , May 15, 2003.

78. "The complicated parturient, breakfast with the experts." Presentation at 34th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Phoenix, Arizona , May 17, 2003.

79. "Cesarean Delivery: Regional Vs. General Anesthesia." Visiting Professor and grand rounds presentation at Stony Brook University Hospital, Stony Brook, NY, June 19, 2003.

80. "Thrombocytopenia and Low Molecular Weight Heparin: Implications for Regional Anesthesia." Visiting Professor and grand rounds presentation at Stony Brook University Hospital, Stony Brook, NY, June 20, 2003.

81. "Thrombocytopenia, Low Molecular Weight Heparin and Epidural Labor Analgesia: What is an Anesthesiologist To Do?" Lecture at The 57th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 14, 2003.

82. "Elevated blood pressure in the parturient." Lecture at The 57th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 15, 2003.

83. "Post dural puncture headaches: Diagnosis and management." Lecture at the 29 Annual Spring Meeting of the American Society of Regional Anesthesia and Pain Medicine, March 12, 2004, Orlando, Florida.

Invited Lectures/Presentations and Visiting Professorships (continued):

84. Judge for Gertie Marx Symposium at the 36th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Fort Meyers, Florida, May 12, 2004.

85. Moderator for poster session at the 36th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Fort Meyers, Florida, May 12, 2004.

86. "The patient for cesarean delivery is hemorrhaging." Lecture at the annual meeting of the American Society of Anesthesiologists, Las Vegas, NV, October 25, 2004.

87. "The patient for cesarean delivery is hemorrhaging." Lecture at the annual meeting of the American Society of Anesthesiologists, Las Vegas, NV, October 26, 2004.

88. Poster Discussion Moderator, "Obstetric Anesthesia." Presented at the annual meeting of the American Society of Anesthesiologists, Las Vegas, NV, October 26, 2004.

89. "Fetal Monitoring, has it changed outcome? Lecture at The 58th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 10, 2004.

90. "Preeclampsia." Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 7, 2005.

91. "Anesthetic Management of Peri-Partum Hemorrhage." Lecture at the 31st Annual Virginia Apgar Seminar, Orlando, Florida, March 11, 2005.

92. "Stat Cesarean Section: Regional Vs. General Anesthesia. Lecture at the 31st Annual Virginia Apgar Seminar, Orlando, Florida, March 11, 2005.

93. "Thrombocytopenia and Low Molecular Weight Heparin: Implications for Regional Anesthesia." Lecture at the 31st Annual Virginia Apgar Seminar, Orlando, Florida, March 11, 2005.

94. "Non-Obstetric Surgery During Pregnancy." Lecture at the 31st Annual Virginia Apgar Seminar, Orlando, Florida, March 11, 2005.

95. "Non-Obstetric Surgery During Pregnancy." Lecture at the 42nd Annual New York Anesthesiology Review, Orlando, Florida, March 22, 2005.

96. "Anesthetic Management of Preeclampsia." Lecture at the 42nd Annual New York Anesthesiology Review, Orlando, Florida, March 22, 2005.

Invited Lectures/Presentations and Visiting Professorships (continued):

97. "Anesthetic Management of Peri-Partum Hemorrhage." Lecture at the 42nd Annual New York Anesthesiology Review, Orlando, Florida, March 22, 2005.

98. "Stat Cesarean Section: Regional Vs. General Anesthesia." Lecture at the 42nd Annual New York Anesthesiology Review, Orlando, Florida, March 22, 2005.

99. Judge for Gertie Marx Symposium at the 37th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Palm Desert, CA, May 5, 2005.

100. "Update on Obstetric Anesthesia: Myth vs. reality." Grand rounds presentation for the Department of Obstetrics and Gynecology and Reproductive Sciences, Mount Sinai School of Medicine of New York University, June 8, 2005.

101. "Does Neuraxial Anesthesia Impact on Obstetric Outcome." Grand rounds lecture for the Department of Anesthesiology, Saint Vincent Catholic Medical Centers, New York, NY, November 9, 2005.

102. "Does Neuraxial Labor Analgesia Affect Newborn Behavior and Breastfeeding?" Lecture at The 59th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 11, 2005.

103. "Anesthetic Management of Preeclampsia." Lecture at The 59th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 12, 2005.

104. "Elevated Blood Pressure in the Parturient." Lecture at The 59th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 13, 2005.

105. "Does Neuraxial Anesthesia Impact on Obstetric Outcome." Grand rounds lecture for the Department of Anesthesiology, Saint Josephs' Regional Medical Center, Paterson, NJ, January 5, 2006.

106. "Does Neuraxial Anesthesia Impact on Obstetric Outcome?" Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 6, 2006.

107. "Non-Obstetric Surgery During Pregnancy." Lecture at the 43rd Annual New York Anesthesiology Review, Orlando, Florida, March 15, 2006.

Invited Lectures/Presentations and Visiting Professorships (continued):

108. "Anesthetic Management of Preeclampsia." Lecture at the 43rd Annual New York Anesthesiology Review, Orlando, Florida, March 15, 2006.

109. "Anesthetic Management of Peri-Partum Hemorrhage." Lecture at the 43rd Annual New York Anesthesiology Review, Orlando, Florida, March 15, 2006.

110. "Management of Hypertensive crises in pregnancy." Lecture at the Critical Care Obstetric Anesthesia Workshop at the 38th annual meeting of the Society for Obstetric Anesthesia and Perinatology, Hollywood, FL, April 26, 2006.

111. "A non-particulate antacid should be used routinely in all patients undergoing cesarean section." Lecture at the 38th annual meeting of the Society for Obstetric Anesthesia and Perinatology, Hollywood, FL, April 27, 2006.

112. "Labor neuraxial analgesia: An evidence based approach." Grand rounds lecture at St. Clare's Hospital Complex, Denville, NJ, May 17, 2006.

113. Poster Discussion Moderator, "Obstetric Anesthesia: Labor analgesia." Presented at the annual meeting of the American Society of Anesthesiologists, Chicago, IL, October 16, 2006.

114. "Elevated blood pressure in the parturient." Lecture at the annual meeting of the American Society of Anesthesiologists, Chicago, IL, October 16, 2006.

115. "Elevated blood pressure in the parturient." Lecture at the annual meeting of the American Society of Anesthesiologists, Chicago, IL, October 17, 2006.

116. Poster Discussion Moderator, "Obstetric Anesthesia: Cesarean Section and Complicated Obstetrics." Presented at the annual meeting of the American Society of Anesthesiologists, Chicago, IL, October 18, 2006

117. Moderator of Gertie F. Marx Memorial Lecture on Obstetrical Anesthesia: Current Debates in Obstetrical Anesthesia. Presented at The 60th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 10, 2006.

118. "Use of Non-Particulate Antacid for Elective Cesarean Delivery." Lecture at The 60th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 10, 2006.

119. "HELLP Syndrome." Lecture at The 60th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 11, 2006.

Invited Lectures/Presentations and Visiting Professorships (continued):

120. "Elevated Blood Pressure in the Parturient." Lecture at The 60th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 11, 2006.

121. "Thrombocytopenia and Low Molecular Weight Heparin." Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 12, 2007.

122. "Anesthetic techniques for labor: an evidence based approach." Presented at the 33rd Annual Virginia Apgar Seminar, Orlando, FL, March 11, 2007.

123. "Thrombocytopenia and Low Molecular Weight Heparin: Implications for Regional Anesthesia." Presented at the 33rd Annual Virginia Apgar Seminar, Orlando, FL, March 11, 2007.

124. "Non-Obstetric Surgery During Pregnancy." Presented at the 33rd Annual Virginia Apgar Seminar, Orlando, FL, March 11, 2007.

125. "Anesthesia for the parturient for Non-Obstetric Surgery." Presented at the 44th Annual New York Anesthesiology Review, Orlando, FL March 12, 2007.

126. "Labor neuraxial analgesia: An evidence Based Approach." Presented at the 44th Annual New York Anesthesiology Review, Orlando, FL, March 12, 2007.

127. "Anesthetic Management of Peri-Partum Hemorrhage." Presented at the 44th Annual New York Anesthesiology Review, Orlando, FL, March 12, 2007.

128. "Preterm pregnancy complicated by hypertension." Presented at the 44th Annual New York Anesthesiology Review, Orlando, FL, March 12, 2007.

129. "Anesthetic Management of the woman at risk for postpartum hemorrhage." Lecture at Challenges in Obstetrics, Gynecology, and Women's Health Meeting sponsored by the Department of Obstetrics and Gynecology of Mount Sinai School of Medicine, New York, NY, April 25, 2007.

130. Lecture for poster review at the 39th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Banff, Canada, May 18, 2007.

131. "Labor neuraxial analgesia: An evidence-based approach." Lecture at The Hawaii Anesthesiology Update 2007, Maui, Hawaii, August 6, 2007.

132. "Thrombocytopenia and Low molecular weight heparin". Lecture at The Hawaii Anesthesiology Update 2007, Maui, Hawaii, August 6, 2007.

Invited Lectures/Presentations and Visiting Professorships (continued):

133. "Non-obstetric surgery during pregnancy". Lecture at The Hawaii Anesthesiology Update 2007, Maui, Hawaii, August 7, 2007.

134. "Management and treatment of obstetric hemorrhage." Lecture at The Hawaii Anesthesiology Update 2007, Maui, Hawaii, August 9, 2007.

135. "Anesthesia for urgent cesarean delivery." Lecture at The Hawaii Anesthesiology Update 2007, Maui, Hawaii, August 10, 2007.

136. Poster Discussion Moderator, "Obstetric Anesthesia: Labor analgesia." Presented at the annual meeting of the American Society of Anesthesiologists, San Francisco, CA, Chicago, IL, October 14, 2007.

136. "Obstetric Hemorrhage." Lecture at The 61st Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 10, 2007.

137. Stat cesarean delivery: Spinal vs. general Anesthesia. Lecture at The 61st Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 10, 2007.

138. Management of Obstetric Hemorrhage. Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 4, 2008.

139. "Anesthesia for the parturient for Non-Obstetric Surgery." Presented at the 45th Annual New York Anesthesiology Review, Orlando, FL March 18, 2008.

140. "Labor neuraxial analgesia: An evidence Based Approach." Presented at the 45th Annual New York Anesthesiology Review, Orlando, FL, March 18, 2008.

141. "Anesthetic Management of Peri-Partum Hemorrhage." Presented at the 45th Annual New York Anesthesiology Review, Orlando, FL, March 18, 2008.

142. "Preterm pregnancy complicated by hypertension." Presented at the 45th Annual New York Anesthesiology Review, Orlando, FL, March 18, 2008.

143. "Post partum headache: Differential diagnosis and treatment." Lecture at Challenges in Obstetrics, Gynecology, and Women's Health Meeting sponsored by the Department of Obstetrics and Gynecology of Mount Sinai School of Medicine, New York, NY, April 16, 2008.

144. Moderator for Multidisciplinary Case Forum entitled, "Obesity". Presented at the 40th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Chicago, IL April 30, 2008.

Invited Lectures/Presentations and Visiting Professorships (continued):

145. Visiting Professor at Ochsner medical center. "Thrombocytopenia and LMWH: Implications for Regional Anesthesia" and Moderator for Journal Club. New Orleans, LA, May 19-20, 2008

146. "Thrombocytopenia and Neuraxial Anesthesia". "Presented at the 1st International Symposium on Anesthesia and Critical Care, Myney Hyeshua Medical Center (MHMC), Bnei Brak, Israel, September 15, 2008.

147. "Thrombocytopenia and Regional Analgesia for Labor – How Low Can You Go?" Presented at the 21st International Congress of the Israel Society of Anesthesiologists, Tel Aviv, Israel, September 17, 2008.

148. "The time has come to Abandon the Routine Epidural test Dose for Labor." Presented at the 21st International Congress of the Israel Society of Anesthesiologists, Tel Aviv, Israel, September 17, 2008.

149. Poster Discussion Moderator, "Obstetric Anesthesia: Labor analgesia." Presented at the annual meeting of the American Society of Anesthesiologists, Orlando, FL, October 19, 2008.

150. "Obstetric Hemorrhage." Lecture at The 62nd Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 17, 2008.

151. Stat cesarean delivery: Spinal vs. general Anesthesia. Lecture at The 62nd Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 17, 2008.

152. Labor Neuraxial Analgesia: An evidence Based approach. Grand Rounds Lectures at the Tel Aviv Sourasky Medical Center, Ichalov Hospital, Tel-Aviv, Israel, Jan 20, 2009.

153. Postpartum headache: Diagnosis and Management. Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 10, 2009.

154. "Anesthesia for the parturient for Non-Obstetric Surgery." Presented at the 46th Annual New York Anesthesiology Review, Orlando, FL March 24, 2009.

155. "Labor neuraxial analgesia: An evidence Based Approach." Presented at the 46th Annual New York Anesthesiology Review, Orlando, FL, March 24, 2009.

156. "Anesthetic Management of Peri-Partum Hemorrhage." Presented at the 46th Annual New York Anesthesiology Review, Orlando, FL, March 22, 2009.

Invited Lectures/Presentations and Visiting Professorships (continued):

157. "Preterm pregnancy complicated by hypertension." Presented at the 46th Annual New York Anesthesiology Review, Orlando, FL, March 22, 2009.

158. "Thrombocytopenia and regional Anesthesia: How Low can you go?" Lecture at Challenges in Obstetrics, Gynecology, and Women's Health Meeting sponsored by the Department of Obstetrics and Gynecology of Mount Sinai School of Medicine, New York, NY, April 22, 2009.

159. Judge for the Gertie Marx Symposium at the 41st Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Washington, DC, April 30, 2009.

160. Moderator for poster discussion section at the 41st Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Washington, DC, April 31, 2009.

161. "Labor neuraxial analgesia: An evidence Based Approach." Grand Rounds Lecture for Department of Anesthesiology, St. Josephs' Medical center, Paterson, NJ, June 11, 2009

162. Placenta Accreta and Maternal Hemorrhage. Lecture and panelist at the annual meeting of the American Society of Anesthesiologists, New Orleans, LA, October 19, 2009.

163. "Postdural Puncture Headache." Lecture at The 63nd Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 14, 2009.

164. Stat cesarean delivery: Spinal vs. general Anesthesia. Lecture at The 63nd Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 14, 2009.

165. A Special Lecture" "An update on Obstetric Anesthesia". Lecture at the 28th Annual Symposium: Clinical update in anesthesiology, surgery and perioperative medicine, Paradise Island, Bahamas, January 22, 2010.

166. "Anesthesia for the parturient for Non-Obstetric Surgery." Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 1, 2010.

167. "Anesthesia for the parturient for Non-Obstetric Surgery." Presented at the 47th Annual New York Anesthesiology Review, Orlando, FL March 15, 2010.

168. "Labor neuraxial analgesia: An evidence Based Approach." Presented at the 47th Annual New York Anesthesiology Review, Orlando, FL, March 15, 2010.

Invited Lectures/Presentations and Visiting Professorships (continued):

169. "Anesthetic Management of Peri-Partum Hemorrhage." Presented at the 47th Annual New York Anesthesiology Review, Orlando, FL, March 15, 2010.

170. "Preterm pregnancy complicated by hypertension." Presented at the 47th Annual New York Anesthesiology Review, Orlando, FL, March 15, 2010.

171. Judge for Gertie Marx Research competition at the 42nd Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, San Antonio, TX, May 13, 2010.

172. Moderator for "Breakfast with the Experts" session at the 42nd Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, San Antonio, TX, May 16, 2010.

173. "Thrombocytopenia and Regional anesthesia: How low can you go?" Grand Rounds Lecture for Department of Anesthesiology, St. Josephs' Medical center, Paterson, NJ, September 2, 2010.

174. "Thrombocytopenia and Low Molecular Weight heparin: Implications for Neuraxial Anesthesia. Refresher Course Lecture at the annual meeting of the American Society of Anesthesiologists, San Diego, CA, October 17, 2010.

175. "Severe Preeclampsia." Lecture at the annual meeting of the American Society of Anesthesiologists, San Diego, CA, October 18, 2010.

176. Focus session moderator: Challenges in obstetric anesthesia: Preventing maternal death and The Joint Commission Sentinel alert. Moderator at The 64th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 13, 2010.

177. Stat cesarean delivery: Spinal vs. general Anesthesia. Lecture at The 64th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 13, 2010.

178. Maternal hemorrhage. Lecture at The 64th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 13, 2010.

179. Thrombocytopenia and Neuraxial Anesthesia: Implications for the anesthesiologist. Grand Rounds Lecture for Department of Anesthesiology at the Tel Aviv Sourasky Medical Center, Ichalov Hospital, Tel-Aviv, Israel, Jan 24, 2011.

180. Labor Neuraxial Analgesia: An evidence Based approach. Grand Rounds Lecture for Department of Anesthesiology at Shaare Zedek Medical center, Israel, Jan 27, 2011.

Invited Lectures/Presentations and Visiting Professorships (continued):

181. A practical Approach to Obstetric Anesthesia: What every obstetrician should know. Grand rounds lecture for The Department of Obstetrics and Gynecology, Mount Sinai School of Medicine, New York, NY, March 2, 2011.

182. "Anesthesia for the parturient for Non-Obstetric Surgery." Presented at the 48th Annual New York Anesthesiology Review, Orlando, FL March 29, 2011.

183. "Thrombocytopenia in the Parturient: Implications for neuraxial anesthesia." Presented at the 47th Annual New York Anesthesiology Review, Orlando, FL, March 29, 2011.

184. "Anesthetic Management of Peri-Partum Hemorrhage." Presented at the 48th Annual New York Anesthesiology Review, Orlando, FL, March 29, 2011.

185. "Preterm pregnancy complicated by hypertension." Presented at the 48th Annual New York Anesthesiology Review, Orlando, FL, March 29, 2011.

186. Moderator for Workshop: "Thromboelastogram in Obstetric and Non-Obstetric Anesthesia" at the 22nd International Congress of the Israel Society of Anesthesiologists, Tel Aviv, Israel, September 13, 2011.

187. "Platelet Function in High Risk Obstetrics." Presented at the 22nd International Congress of the Israel Society of Anesthesiologists, Tel Aviv, Israel, September 13, 2011.

188. "Management of Postdural Puncture Headache: What is the Evidence?" Presented at the 22nd International Congress of the Israel Society of Anesthesiologists, Tel Aviv, Israel, September 14, 2011.

189. "Thrombocytopenia and Neuraxial Anesthesia: Implications for the Obstetric Anesthesiologist." Presented at the 22nd International Congress of the Israel Society of Anesthesiologists, Tel Aviv, Israel, September 15, 2011.

190. "Thrombocytopenia and Low Molecular Weight heparin: Implications for Neuraxial Anesthesia. Refresher Course Lecture at the annual meeting of the American Society of Anesthesiologists, Chicago, IL, October 19, 2011.

191. "WHO Alert on Postpartum Hemorrhage: Protocols-Preparation-Novel Therapies." Lecture at the annual meeting of the American Society of Anesthesiologists, San Diego, CA, October 17, 2011.

192. Focus session moderator: Challenges in obstetric anesthesia: Moderator at The 65th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 12, 2011.

Invited Lectures/Presentations and Visiting Professorships (continued):

193. "Postdural Puncture Headache." Lecture at The 65nd Postgraduate Assembly in Anesthesiology, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 13, 2011.

194. Stat cesarean delivery: Spinal vs. general Anesthesia. Lecture at The 65th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 13, 2011.

195. "Anesthesia for the parturient for Non-Obstetric Surgery." Presented at the 49th Annual New York Anesthesiology Review, Orlando, FL March 19, 2012.

196. "Thrombocytopenia in the Parturient: Implications for neuraxial anesthesia." Presented at the 47th Annual New York Anesthesiology Review, Orlando, FL, March 19, 2012.

197. "Anesthetic Management of Peri-Partum Hemorrhage." Presented at the 48th Annual New York Anesthesiology Review, Orlando, FL, March 19, 2012.

198. "Preterm pregnancy complicated by hypertension." Presented at the 48th Annual New York Anesthesiology Review, Orlando, FL, March 19, 2012.

199. "Inadequate Labor Analgesia: Fixing a Bad Epidural." Presented at the 2012 Sol Shnider, M.D. Obstetric Anesthesia Meeting, San Francisco, CA, March 23, 2012.

200. "Previous Cesarean Delivery: Implications of Accreta and Uterine Rupture. Presented at the 2012 Sol Shnider, M.D. Obstetric Anesthesia Meeting, San Francisco, CA, March 25, 2012.

201. "Platelets and Epidurals: Latest Recommendations." Presented at the 2012 Sol Shnider, M.D. Obstetric Anesthesia Meeting, San Francisco, CA, March 25, 2012.

202. "Alert on Postpartum Hemorrhage: Protocols-Preparation-Novel Therapies." Presented at the Annual meeting of the International Anesthesia Research Society (IARS). Boston, MA, May 18, 2012.

203. "Thrombocytopenia and Low Molecular Weight heparin: Implications for Neuraxial Anesthesia. Refresher Course Lecture at the annual meeting of the American Society of Anesthesiologists, Washington, DC, October 14, 2012.

204. "Major Obstetric Hemorrhage." Moderator of clinical forum at the annual meeting of the American Society of Anesthesiologists, Washington, DC, October 16, 2012.

Invited Lectures/Presentations and Visiting Professorships (continued):

205. Stat cesarean delivery: Spinal vs. general Anesthesia. Lecture at The 66th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 17, 2012.

206. Focus session moderator: Challenges in obstetric anesthesia: Moderator at The 66th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 17, 2012.

207. "Thrombocytopenia and Low Molecular Weight heparin: Implications for Neuraxial Anesthesia. Lecture at The 66th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 17, 2012.

208. "Thrombocytopenia and Low Molecular Weight heparin: Implications for Neuraxial Anesthesia. Grand rounds lecture for the Department of Anesthesiology, New York University School of Medicine, NYU Langone Medical Center School of Medicine, January 30, 2013.

209. "Thrombocytopenia in the Parturient: Implications for neuraxial anesthesia." Presented at the Current Anesthesia Practice Meeting, New York, NY, March 18, 2013.

210. "Anesthetic Management of Peri-Partum Hemorrhage." Presented at the Current Anesthesia Practice Meeting, New York, NY, March 18, 2013.

211. "Post partum headache." Presented at the Current Anesthesia Practice Meeting, New York, NY, March 18, 2013.

212. "Anesthesia for the parturient for Non-Obstetric Surgery." Presented at the 49th Annual New York Anesthesiology Review, Orlando, FL March 19, 2013.

213. "Thrombocytopenia in the Parturient: Implications for neuraxial anesthesia." Presented at the 47th Annual New York Anesthesiology Review, Orlando, FL, March 19, 2013.

214. "Anesthetic Management of Peri-Partum Hemorrhage." Presented at the 48th Annual New York Anesthesiology Review, Orlando, FL, March 19, 2013.

215. "Preterm pregnancy complicated by hypertension." Presented at the 48th Annual New York Anesthesiology Review, Orlando, FL, March 19, 2013.

216. "Musings of an Obstetric Anesthesia: A 25 year perspective. Presented as a Grand Rounds Presentation for the Department of Obstetrics, Gynecology and Reproductive Sciences, Icahn School of Medicine, New York, NY, April 10, 2013.

Invited Lectures/Presentations and Visiting Professorships (continued):

217. Soap Pro-Con Debate. "General anesthesia is the technique of choice for suspected placenta accreta". Presented at the 45th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, San Juan, Puerto Rico, April 28, 2013.

218. "Postpartum headache: Whose Headache Is It?" Resident Seminar for the Department of Anesthesiology, McGill University School of Medicine, Montreal, Quebec, Canada, October 2, 2013.

219. "Obstetric Hemorrhage." Wesley Bourne Memorial Lecture, Department of Anesthesiology, McGill University School of Medicine, Montreal, Quebec, Canada, October 2, 2013.

220. "Thrombocytopenia and Low Molecular Weight heparin: Implications for Neuraxial Anesthesia." Grand Rounds presentation for Department of Anesthesiology and Obstetrics, McGill University School of Medicine, Montreal, Quebec, Canada, October 3, 2013.

221. "Just Another Day on Labor and Delivery." Moderator of clinical forum at the annual meeting of the American Society of Anesthesiologists, San Francisco, CA, October 14, 2013.

222. "External Cephalic Version." Lecture at the annual meeting of the American Society of Anesthesiologists, San Francisco, CA, October 14, 2013

223. "Thrombocytopenia and Low Molecular Weight heparin: Implications for Neuraxial Anesthesia. Refresher Course Lecture at the annual meeting of the American Society of Anesthesiologists, San Francisco, CA, October 16, 2013.

224. "Stat cesarean delivery: Spinal vs. general Anesthesia." Lecture at The 67th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 16, 2013.

225. Focus session moderator: Challenges in obstetric anesthesia: Moderator at The 67th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 16, 2013.

226. "External Cephalic Version." Lecture at The 67th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 16, 2013.

227. "Nonobstetric surgery During Pregnancy." Lecture at 32nd Annual Symposium: Clinical Update in Anesthesiology, Surgery and Perioperative Medicine, Nassau, Bahamas, January 22, 2014.

Invited Lectures/Presentations and Visiting Professorships (continued):

228. "Obstetric Hemorrhage." Grand rounds lecture at Metropolitan Hospital, New York, NY, March 6, 2014.

229. "Safety Rounds Beyond Board Sign Out." Lecture at the 47th Annual meeting of the Society for Obstetric Anesthesia and perinatology, Toronto, Canada, May 18, 2014.

230. Moderator for safety session, "Practical Suggestions for Improving Safety In Your Unit." Session at the 47th Annual meeting of the Society for Obstetric Anesthesia and perinatology, Toronto, Canada, May 18, 2014.

231. "Postpartum headache". Grand Rounds Lecture for Department of Anesthesiology at Shaare Zedek Medical center, Israel, September 15, 2014.

232. "Thrombocytopenia and neuraxial anesthesia". Refresher course lecture at the 23rd International Congress of the Israel Society of Anesthesiologists & Critical Care, Tel-Aviv, Israel, September 17, 2014.

233. "My mom is still in pain". Lecture at the 23rd International Congress of the Israel Society of Anesthesiologists & Critical Care, Tel-Aviv, Israel, September 17, 2014.

234. "Anesthesia for Nonobstetric Surgery and Procedures." Refresher course lecture at the Annual meeting of the American Society of Anesthesiologists, New Orleans, LA, October 12, 2014.

235. "Failed Labor Epidural: Where, Oh Where Did My Pesky Catheter Go?" Lecture at the Annual meeting of the American Society of Anesthesiologists, New Orleans, LA, October 13, 2014.

236. "Basic Considerations for the Occasional Obstetric Anesthesiologist." Session moderator at the Annual meeting of the American Society of Anesthesiologists, New Orleans, LA, October 13, 2014.

237. "Stat cesarean delivery: Spinal vs. general Anesthesia." Lecture at The 68th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 15, 2014.

238. Focus session moderator: Advise for the Occasional Labor Floor Anesthesiologist: Moderator at The 68th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 15, 2014.

239. "Labor Analgesia: Keeping your Customers Satisfied." Lecture at The 68th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 15, 2014.

Invited Lectures/Presentations and Visiting Professorships (continued):

240. Moderator for Journal club, "Obstetric hemorrhage." Mount Sinai Roosevelt Hospital, New York ,NY, March 17, 2015.

241. "Obstetric Hemorrhage." Grand rounds lecture for Department of Anesthesiology. Mount Sinai Roosevelt Hospital, New York, NY, March 17, 2015.

242. "Non-Obstetric Surgery During Pregnancy." Lecture at the 41st Annual Virginia Apgar Seminar, Obstetric Anesthesia and Care of the Newborn. Orlando, Florida, March 20, 2015.

243. "Maternal Hemorrhage." Lecture at the 41st Annual Virginia Apgar Seminar, Obstetric Anesthesia and Care of the Newborn. Orlando, Florida, March 20, 2015.

244. "External Cephalic Version." Lecture at the 41st Annual Virginia Apgar Seminar, Obstetric Anesthesia and Care of the Newborn. Orlando, Florida, March 20, 2015.

245. "Maternal safety bundles." Moderator for session at the 47th annual meeting for the meeting of the Society for Obstetric Anesthesia and Perinatology, Colorado Springs, CO, May 14, 2015.

246. "Labor Analgesia Techniques and Thrombocytopenia." Lecture at the 2015 Armed forces district Annual Meeting for the American College of Obstetricians and Gynecologists. Norfolk, Virginia, October 21, 2015.

247. "General Anesthesia for Placenta Accreta: Always or Never." Lecture at the Annual meeting of the American Society of Anesthesiologists, San Diego, CA, New Orleans, LA, October 25, 2015.

248. "Leading the way to success on labor and delivery: What every obstetric anesthesiologist must know." Moderator at the Annual meeting of the American Society of Anesthesiologists, San Diego, CA, New Orleans, LA, October 25, 2015.

249. "Anesthesia for Nonobstetric Surgery and Procedures." Refresher course lecture at the Annual meeting of the American Society of Anesthesiologists, San Diego, CA, October 26, 2015.

250. "Safety rounds: beyond board sign out." Lecture at the Annual meeting of the American Society of Anesthesiologists, San Diego, CA, New Orleans, LA, October 26, 2015.

251. "postpartum headache." Grand Rounds Lecture for Department of Anesthesiology, St. Josephs' Medical center, Paterson, NJ, November 19, 2015.

Invited Lectures/Presentations and Visiting Professorships (continued):

252. "Stat cesarean delivery: Spinal vs. general Anesthesia." Lecture at The 69th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 14, 2015.

253. Focus session moderator: Problems in Obstetric Anesthesia Moderator at The 69th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 15, 2015.

254. "Obstetric Hemorrhage." Lecture at The 69th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 15, 2015.

255. "Postpartum Headache." Grand rounds lecture for the Department of Anesthesiology, New York Medical College, Valhalla, NY, February 22, 2016.

256. "What every obstetrician should know about obstetric anesthesia." Grand rounds lecture for the Department of Obstetrics and Gynecology Mount Sinai-Beth Israel Hospital, New York, NY. April 20. 2016.

257. "Moderator for Poster Discussion" at the 48th annual meeting for the meeting of the Society for Obstetric Anesthesia and Perinatology, Boston, MA, May 19, 2016.

258. "Postpartum Headache." Grand rounds lecture for the Department of Anesthesiology, Maimonides Medical Center, Brooklyn, NY, September 21, 2016.

259. "Anesthesia for Nonobstetric Surgery and Procedures." Refresher course lecture at the Annual meeting of the American Society of Anesthesiologists, Chicago, IL, October 26, 2016.

260. "What's new in Obstetric Hemorrhage?" The Gertie F. Marx Memorial Lecture at the 70th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 9, 2016.

261. Focus session moderator: Current issues in Obstetric Anesthesia moderator at The 70th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 12, 2016.

262. "Obstetric Hemorrhage Safety Bundles." Lecture at The 70th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 12, 2016.

Invited Lectures/Presentations and Visiting Professorships (continued):

263. "Stat cesarean delivery: Spinal vs. general Anesthesia." Lecture at The 70th Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 12, 2016.

264. "Obstetric Hemorrhage" Grand Rounds Lecture for Department of Anesthesiology, St. Josephs' Medical center, Paterson, NJ, January 5, 2017.

265. "What's new in Obstetric Hemorrhage" Grand Rounds Lecture for Department of Anesthesiology, Beilinson Hospital, Rabin Medical Center, Petah Tikva, Israel, January 9, 2017.

266. "Anesthesia for Nonobstetric Surgery." SOAP Virtual grand Rounds. February 8, 2017.

267. "Moderator for Poster Discussion" at the 49th annual meeting for the meeting of the Society for Obstetric Anesthesia and Perinatology, Bellevue, Seattle, May 12, 2017.

268. "Anesthesia for Non-obstetric Surgery and Procedures." Refresher course lecture at the Annual meeting of the American Society of Anesthesiologists, Boston, MA, October 23, 2017.

269. "Low Platelet Count and Labor Analgesia" Lecture at the 24th International Conference of the Israeli Society of Anesthesiologists, Tel Aviv, Israel, Nov 7, 2017.

270. "Pain and Analgesics in Special Circumstances." Lecture at the 24th International Conference of the Israeli Society of Anesthesiologists, Tel Aviv, Israel, Nov 7, 2017.

271. "What's New in Obstetric Anesthesia: 2016 in Review and Focused Discussion." Lecture at the 24th International Conference of the Israeli Society of Anesthesiologists, Tel Aviv, Israel, Nov 8, 2017

272. Focus session moderator: Current issues in Obstetric Anesthesia moderator at The 71st Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 11, 2017.

273. "Stat cesarean delivery: Spinal vs. general Anesthesia." Lecture at The 71st Postgraduate Assembly, Meeting of the NY State Society of Anesthesiologists, New York, NY, December 11, 2017.

274. "Labor Analgesia, What to expect." Lecture for the Refuah Health Center, New Square, New York, February 7, 2018.

Invited Lectures/Presentations and Visiting Professorships (continued):

275. "Anesthesia for Non-obstetric Surgery During Pregnancy." Grand rounds lecture for Department of Anesthesia, Critical Care and Pain Medicine, Massachusetts General Hospital, Harvard medical School, February 15, 2018.

276. "Department of Anesthesiology, perioperative and pain medicine: Quality Improvement Program. Lecture for Quality Leadership Council of The Mount Sinai Health System. Mount Sinai West, New York, NY, March 23, 2018.

MEDIA RESOURCE EDUCATIONAL MATERIALS:

1. Organized the internet site for the Obstetric Anesthesia Fellowship at Mount Sinai Hospital. http://www.mssm.edu/anesthesiology/obs_fellowship.shtml.

2. **Beilin Y.** Effects on newborn behavior and the impact on breastfeeding. Audio-Digest Recording. 2006 volume 48.

3. **Beilin Y.** Expert opinion Lowest platelet count for labor epidural placement. SOAP website, 2011.

4. Beilin, Y. Patient Safety Committee: "How We Do It" Expert Opinion Management of Obstructive Sleep Apnea and Morbid Obesity on Labor and Delivery. SOAP Newsletter, Winter 2018.

WEB BASED PUBLICATIONS:

1. Mount Sinai Departmental website for the Division of Obstetric Anesthesia http://www.mssm.edu/anesthesiology/obstetric_anesthesia/departm

2. Wax DB, Schaner D, Hossain S, Bodian CA, Reich DL, **Beilin Y.** Intraoperative Factors Associated with Development of Surgical Site Infection after Colorectal Surgery. The Internet Journal of Anesthesiology 2009;20.

3. **Beilin Y,** Mahoney B. The iatrogenically anti-coagulated parturient. In: Fleisher L, Hawkins J., eds. Decision Support in Medicine, 2014.
Access at : <https://www.decisionsupportinmedicine.com/>

CLINICAL TEACHING PORTFOLIO

PAPERS PRESENTED AT NATIONAL MEETINGS INCLUDING ABSTRACTS:

1. **Beilin Y**, Bernstein HH, Mayer L. Serum Levels of Tumor necrosis factor, Interleukin-1, Interleukin-2 and Interleukin-6 in the parturient with preeclampsia. Presented at The Northeast Anesthesia Resident Conference, Sarasota Springs, NY, , April 19, 1991.

2. **Beilin Y**, Rosenblatt MA, Lagmay-Aroesty MM, Bernstein HH, Bodian CA. The need for a pre-labor anesthesia interview in the parturient. Presented at the International Anesthesia Research Society 68th Congress, Orlando, Florida, March 1994.
Abstract: Anesth Analg 1994;78:S27.

3. Ammar T, **Beilin Y**. Anesthesia for the parturient with a single ventricle. Presented at The 12th Annual Symposium and Clinical Update in Anesthesiology and Advances in Techniques in Cardiopulmonary Bypass, St. Thomas, USVI, January 1994.

4. **Beilin Y**, Bernstein HH, Nahmias N. How far should a multi-orifice epidural catheter be threaded into the epidural space. Presented at the 24th annual meeting of The Society for Obstetrical Anesthesia and Perinatology meeting, Philadelphia, PA, May 1994.

5. **Beilin Y**, Bernstein HH. How far should a multi-orifice epidural catheter be threaded into the epidural space. Presented at The International Anesthesia Research Society 69th Congress, Honolulu, Hawaii, March 1995.
Abstract: Anesth Analg 1995;80:S32.

6. **Beilin Y**, Leibowitz, AB, Haddad EM, Bodian CA. Clinical use of the bleeding time test in obstetric anesthesia. Presented at The American Society of Anesthesiologists annual meeting, Atlanta, GA, October 1995.
Abstract: Anesthesiology 1995;83:A1057.

7. **Beilin Y**, Kim J, Bernstein HH, Zenzen WJ, B. Zucker-Pinchoff B, Kahn PJ. Failure of subhypnotic doses of propofol to treat pruritus induced by intrathecal morphine following cesarean section. Presented at The International Anesthesia Research Society 70th Congress, Washington, DC, March 1996.
Abstract: Anesth Analg 1996;82:S22.

Papers presented at national meetings including abstracts (continued):

8. **Beilin Y**, Bernstein HH, Zucker-Pinchoff B, Zahn J, Zenzen WJ. Treatment of incomplete analgesia after placement of an epidural anesthetic for the woman in labor. Presented at the 26th annual meeting of The Society for Obstetrical Anesthesia and Perinatology meeting, Tucson, AZ, May 1996.
9. **Beilin Y**, Leibowitz AB, Haddad EM, Bodian, CA. Practice patterns of anesthesiologists regarding situations in obstetric anesthesia where clinical management is controversial. Presented at the 26th annual meeting of The Society for Obstetrical Anesthesia and Perinatology meeting, Tucson, AZ, May 1996.
10. Dimich I, Neustein S, Bernstein HH, **Beilin Y**, Shiang H. Cardiovascular consequences of the concomitant administration of nifedipine and magnesium in pigs. Presented at The American Society of Anesthesiologists annual meeting, New Orleans, LA, October 1996.
Abstract: Anesthesiology 1996;85:A880.
11. **Beilin Y**, Leibowitz AB, Haddad EM, Bodian, CA. Practice patterns of anesthesiologists regarding situations in obstetric anesthesia where clinical management is controversial. Presented at The American Society of Anesthesiologists annual meeting, New Orleans, LA, October 1996.
Abstract: Anesthesiology 1996;85:A872.
12. **Beilin Y**, Bernstein HH, Zucker-Pinchoff B, Zahn J, Zenzen WJ. Treatment of incomplete analgesia after placement of an epidural anesthetic for the woman in labor. Presented at The International Anesthesia Research Society 71st Congress, San Francisco, CA, March 1997.
Abstract: Anesth Analg 1997;84:S381.
13. Zahn J, Zuccarelli M, **Beilin Y**. Regional anesthesia in parturients with platelet counts < 100,000 mm⁻³. Presented at The International Anesthesia Research Society 71st Congress, San Francisco, CA, March 1997.
Abstract: Anesth Analg 1997;84:S414.
14. Zahn J, Zuccarelli M, **Beilin Y**. Regional anesthesia in parturients with platelet counts < 100,000 mm⁻³. Presented at The 4th annual America-Japan Anesthesia Congress, San Francisco, CA, March 1997.
15. Freedman G, Bautista-Davis EC, **Beilin Y**, Holtzberg N. The optimal method to administer the visual analogue scale (VAS). Presented at The annual meeting for the American Society of Regional Anesthesia, Atlanta GA, April 12, 1997.
Abstract: Reg Anesth 1997;22:S33.

Papers presented at national meetings including abstracts (continued):

16. **Beilin Y**, Mukherjee T, Andres LA, Vincent RD, Hock DL, Sparks AET, Munson AK, Minnich ME, Steinkampf MP. Use of propofol probably does not effect pregnancy outcome following gamete intrafallopian transfer (gift). Presented at the 29th annual meeting of The Society for Obstetrical Anesthesia and Perinatology, Bermuda, April, 1997.

17. **Beilin Y**, Mukherjee T, Andres LA, Vincent RD, Hock DL, Sparks AET, Munson AK, Minnich ME, Steinkampf MP. Use of propofol probably does not effect pregnancy outcome following gamete intrafallopian transfer (gift). Presented at The American Society of Anesthesiologists annual meeting, San Diego, CA, October, 1997.
Abstract: Anesthesiology 1997;87:A884.

18. **Beilin Y**, Andres LA, Comerford BA. Epidural analgesia with and without fentanyl during labor does not impact on infant breast feeding. Presented at the 4th International Congress of the European Society of Obstetric Anesthesiology, Herzlyia, Israel, November, 1997.

19. **Beilin Y**, Andres LA, Comerford BA, Salerno JL. Epidural analgesia with and without fentanyl during labor does not impact on infant breast feeding. Presented at The International Anesthesia Research Society 72nd Congress, Orlando, FL, March 1998.
Abstract: Anesth Analg 1998;86:S363

20. Zahn J, **Beilin Y**, Bernstein HH, Andres LA, Salerno J, Bodian CA, Telfeyan C. Comparison of non-invasive blood pressure measurements during cesarean section. Presented at The International Anesthesia Research Society 72nd Congress, Orlando, FL, March 1998.
Abstract: Anesth Analg 1998;86:S391.

21. Galea MA, **Beilin Y**, Zahn J, Bernstein HH. The optimal dose of epidural ropivacaine for use during labor and delivery. Presented at the 30th annual meeting of The Society for Obstetrical Anesthesia and Perinatology, Vancouver, BC, Canada, May 1. 1998.

22. Galea MA, **Beilin Y**, Zahn J, Bernstein HH. The optimal dose of epidural ropivacaine for use during labor and delivery. Presented at The American Society of Anesthesiologists annual meeting, Orlando, FI, October 19, 1998.
Abstract: Anesthesiology 1998;89:A81021.

23. **Beilin Y**, Friedman F, Bernstein HH, Andres LA, Bodian CA. The obstetrician group, not epidural analgesia, influences the cesarean section rate for the nulliparous woman in labor. Presented an The International Anesthesia Research Society 73rd Congress, Los Angeles, CA, March 13, 1999.
Abstract: Anesth Analg 1999;88:S249.

Papers presented at national meetings including abstracts (continued):

24. Zahn J, Abramovitz SE, Bernstein HH, **Beilin Y**. Subarachnoid fentanyl with low dose bupivacaine vs. lidocaine for cervical cerclage. Presented at the 31st annual meeting of The Society for Obstetrical Anesthesia and Perinatology, Denver, CO, May 22, 1999.
Abstract: Anesthesiology 1999;90:A24.

25. **Beilin Y**, Abramovitz S, Zahn J, Bernstein HH. The effect of patient position, lateral vs. supine, on the quality of labor epidural analgesia. Presented at the 18th International Congress of the of the Israel Society of Anesthesiologists, Haifa, Israel, June 22, 1999.

26. Abramovitz SE, Zahn J, Enis S, Bernstein HH, **Beilin Y**. The effect of patient position, lateral vs. supine, on the quality of labor epidural analgesia. Presented at The American Society of Anesthesiologists annual meeting, Dallas, TX, October 11, 1999.
Abstract: Anesthesiology 1999;91:A1078.

27. Ekwa-Ekoko C, Abramovitz A, **Beilin Y**, Holzman I, Weiser J, Kavanagh N. Labor epidural fentanyl and newborn breast-feeding. Presented at The Annual Meeting of the Society for Pediatric Research, Boston, MA, May 12, 2000
Abstract: Pediatr Res 2000;47:A187.

28. Zahn J, Arnold I, Hossain S, Bernstein HH, **Beilin Y**. The Quality of Analgesia When Air Vs. Saline Is Used for Identification of the Epidural Space. Presented at The American Society of Anesthesiologists annual meeting, San Francisco, CA, October 17, 2000.
Abstract: Anesthesiology 2000;93:A1100.

29. Zahn J, Bernstein HH, Telfeyan C, Arnold I, **Beilin Y**. Subarachnoid low dose bupivacaine vs. lidocaine, with fentanyl, for cervical cerclage. Presented an The International Anesthesia Research Society 75th Congress, Ft. Lauderdale, Florida, March 19,2001.
Abstract: Anesth Analg 2001;92:S224.

30. Nair A, Arnold I, Bernstein HH, Telfeyan C, **Beilin Y**. The optimal epidural infusion following the combined spinal epidural technique for labor. Presented at the 33rd Annual Meeting of The Society for Obstetrical Anesthesia and Perinatology, San Diego, California, April 26, 2001.
Abstract: Anesthesiology 2001;94:A10.

31. Nair A, Arnold I, Goolie-Scindain J, Bodian CA, Hossain S, **Beilin Y**. Evaluation of platelet function in the parturient using the platelet function analyzer (PFA-100®). Presented at the 33rd Annual meeting of The Society for Obstetrical Anesthesia and Perinatology, San Diego, California, April 28, 2001.
Abstract: Anesthesiology 2001;94:A78.

Papers presented at national meetings including abstracts (continued):

32. Nair A, Arnold I, Bernstein HH, Zahn J, Beilin Y. The optimal epidural infusion following the combined spinal epidural technique for labor. Presented at The American Society of Anesthesiologists annual meeting, New Orleans, LA, October 15, 2001.
Abstract: Anesthesiology 2001; 95:A1058

33. Martin G, Beilin Y, Holzman I, Ekwa-Ekoko C, Arnold I, Weiser J. Does maternal epidural fentanyl affect breastfeeding? Presented at the Greater New York Conference on Perinatal Research, November 7, 2002.

34. Beilin Y, Weiser J, Martin G, Bernstein HH, Arnold I, Zahn J, Holzman I. The Effect Of Epidural Anesthesia With And Without Fentanyl On Infant Breast Feeding: A Prospective, Randomized, Double-Blind Study. Presented at the 37th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Palm Desert, CA, May 6, 2005.
Abstract: Anesthesiology 2005;102:A52.

35. Beilin Y, Guinn NR, Arnold I, Zahn J, Bernstein HH. Local anesthetics and obstetric outcome: ropivacaine vs. levobupivacaine vs. bupivacaine: A prospective randomized double-blind study. Presented at the 37th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Palm Desert, CA, May 6, 2005.
Abstract: Anesthesiology 2005;102:A75.

36. Beilin Y, Arnold I, Hossain S. Evaluation of The Platelet Function Analyzer (PFA-100®) vs. the thromboelastogram (TEG) in the Parturient. Presented at the 37th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Palm Desert, CA, May 7, 2005.
Abstract: Anesthesiology 2005;102:A48.

37. Wax D, Beilin Y, Krol M, Reich DL. Infrequent Use of Insulin Therapy for Intraoperative Hyperglycemia in an Academic Medical Center. Presented at The American Society of Anesthesiologists annual meeting, New Orleans, LA, October 25, 2005.
Abstract: Anesthesiology 2005;102:A48.

38. Torrillo T, Bronster DJ, Beilin Y. Posterior reversible encephalopathy syndrome (PRES): A complicated case of post-partum headache. Presented at the 38th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Hollywood, FL, April 28, 2006. Abstract: Anesthesiology 2006;104:A96.

Papers presented at national meetings including abstracts (continued):

39. Tumuluri S, **Beilin Y.** Vaginal Delivery Complicated By Severe Hemorrhage Requiring Recombinant Factor VIIa And Pulmonary Hypertension Necessitating A Right Ventricular Assist Device. Presented at the 39th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Banff, Canada, May 19, 2007
Abstract: Anesthesiology 2007;106:A242.

40. Varnado-Rhodes Y, Liao M, Tumuluri SS, Scher C, **Beilin Y.** Vaginal Delivery Complicated By Severe Hemorrhage Requiring Recombinant Factor VIIa And Pulmonary Hypertension Necessitating A Right Ventricular Assist Device. Presented at The American Society of Anesthesiologists Annual Meeting, Orlando, FL, October 16, 2007.

41. Mungall D, **Beilin Y.** A survey of anesthesiologists and nurses attitudes toward the implementation of an Anesthesia Information Management System on a labor and delivery floor. Presented at the 40th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Chicago, IL April 30, 2008.

42. Mungall D, **Beilin Y.** The Effect of Degree of Labor Pain at Time of Labor Neuraxial Analgesia on Mode of Delivery in women admitted for induction of labor. Presented at the 40th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Chicago, IL April 30, 2008.

43. Epstein, J, **Beilin Y.** Are serial platelet counts warranted in preeclamptic women? Presented at the 41th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Washington, DC, April 30, 2009.

44. Mungall D, **Beilin Y.** The Association of the Degree of Labor Pain at the Time of Epidural Analgesia Placement and Mode of Delivery in Nulliparous Women Presenting for an Induction of Labor: A Retrospective Study. Presented at the 41th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Washington, DC, May 1, 2009.

45. Mahoney B, **Beilin Y.** Successful Management of Acetaminophen Overdose and Sick Cell Crisis during Cesarean Section. Presented at the 42nd Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, San Antonio, Texas, May 16, 2010.

46. Mahoney B, Epstein, J, **Beilin Y.** Are serial platelet counts warranted in preeclamptic women? Presented at the annual meeting of the American Society of Anesthesiologists. San Diego, CA, October 17, 2010.

47. Mahoney B, **Beilin Y.** Successful Management of Acetaminophen Overdose and Sick Cell Crisis during Cesarean Section. Presented at the annual meeting of the American Society of Anesthesiologists. San Diego, CA, October 17, 2010.

Papers presented at national meetings including abstracts (continued):

48. Birenberg B, **Beilin Y.** Rare Etiology of Postpartum Headache: Sinus Thrombosis. Presented at the annual meeting of the American Society of Anesthesiologists. San Diego, Ca, October 17, 2010.

49. Mathney ER, **Beilin Y.** Successful cesarean delivery in a woman status post fontan procedure. Presented at the clinical update in anesthesiology, surgery and perioperative medicine: 29th annual symposium, St. Martin, French West Indies, January 20, 2011.

50. Hofer IS, Mahoney B, Koenigsberg J, Chietero M, **Beilin Y.** An EXIT procedure in a patient with malignant hyperthermia. Presented at the 43rd Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Las Vegas, NV, April 17, 2011.

51. Hofer IS, Mahoney B, Koenigsberg J, Chietero M, **Beilin Y.** An EXIT procedure in a patient with malignant hyperthermia. Presented at the annual meeting of the American Society of Anesthesiologists, San Diego, CA, October 16, 2011.

52. Afonso A, **Beilin Y.** Respiratory arrest in patients undergoing arteriovenous graft placement with interscalene and supraclavicular block. Presented at the 37th annual regional anesthesia and pain meeting and workshops, San Diego, Ca, March 16, 2012.

53. Hamby C, Frost E, **Beilin Y.** Acute grief in the operating room: treating the awake OB patient. Presented at the 66th annual postgraduate assembly in Anesthesiology of the New York State Society of Anesthesiologists, New York, NY, December 16, 2012.

54. Gopwani SR, **Beilin Y.** Group B Streptococcal Meningitis following Epidural Blood Patch. Presented at the 45th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, San Juan, Puerto Rico, April 27, 2013.

55. Spitzer Y, Zahn J, **Beilin Y.** Protamine use in a parturient with massive hemorrhage from placental abruption while receiving intravenous heparin. Poster presentation at the 46th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, San Juan, Puerto Rico, April 27, 2014.

56. Spitzer Y, Weiner M, **Beilin Y.** Left Ventricular Non-Compaction Syndrome in a Parturient. Poster presentation at the 47th Annual meeting of the Society for Obstetric Anesthesia and perinatology, Toronto, Canada, May 18, 2014.

57. Tseng KS, **Beilin Y.** Initiation of an institutional practice guideline affecting fluid management and intraoperative acid-base outcomes in renal transplant patients. Presented at The 89th Congress of the International Anesthesia Research Society, Honolulu, Hawaii, March 21, 2015.

58. Knibbs N, Ben Hamo O, Hyman J, Sela H, **Beilin Y**, Einav S. Characterization of Maternal Near Miss in Two Tertiary Referral Hospitals in Developed Nations. Poster presentation at the 47th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Colorado Springs, CO, May 14, 2015.
59. Marotta M, Friedman F, Naidich T, **Beilin Y**. CVT: Curious Vein Thrombosis. Poster presentation at the 47th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Colorado Springs, CO, May 15, 2015.
60. Katz D, **Beilin Y**. The Effect of Adding Intrathecal Epinephrine to Hyperbaric Bupivacaine and Preservative Free Morphine for Repeat Cesarean Delivery: A Double Blind Prospective Randomized Control Trial. Poster presentation at the 49th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Bellevue, Seattle, May 12, 2017.
61. Katz D, **Beilin Y**. Functional Fibrinogen in Pregnancy. Poster presentation at the 49th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Bellevue, Seattle, May 12, 2017.
62. **Katz D**, Beilin Y. Implementation of Triton, an FDA-Approved Technology for Quantification of Blood Loss (QBL): A Performance Improvement Study. Poster presentation at the 28th Health Care Risk Management Conference: Using Data to Reduce Malpractice Risk. February 28, 2018, New York NY.
63. Romano D, Hyman J, Katz D, Knibbs N, Einav S, **Beilin Y**. Etiology of ICU Admission in Obstetric Patients Differs by Mode of Conception. Poster presentation at the 50th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Miami, FL, May 11, 2018.
64. Riley K, Kim E, **Katz D**, Beilin Y. Terbutaline Versus Nitroglycerin for External cephalic Version. Poster presentation at the 50th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Miami, FL, May 11, 2018.
65. Kulkarni A, Knibbs, N, **Beilin Y**. CSF Cutaneous Fistula in the Parturient with Coagulopathy. Poster presentation at the 50th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Miami, FL, May 11, 2018.

EDITORIAL ACTIVITIES (GUEST REVIEWER):

1. Anesthesiology
2. Anesthesia & Analgesia
3. The International Journal of Obstetric Anesthesia
4. Journal of Clinical Anesthesia
5. The American Journal of Anesthesiology
6. Progress in Anesthesiology
7. Regional anesthesia and pain medicine
8. Drugs
9. Pediatric International,
10. Methods and Findings in Experimental and Clinical Pharmacology
11. Physicians' Services Incorporated Foundation, Toronto, Ontario
12. Archives of Gynecology and Obstetrics
13. Basic and Clinical Pharmacology
14. Pain Management
15. Anesthesiology research and practice
16. Pharmacology
17. Minerva Anesthesia
18. Pediatric
19. European Journal of Anaesthesiology