

Curriculum Vitae

Zeev N. Kain, MD, MBA, MA (Hon), FAAP

Professor, Anesthesiology & Pediatrics & Child Psychiatry
Executive Vice-Chair, Department of Anesthesiology at Yale University
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Education:

1986	Ben-Gurion School of Medicine, Beer-Sheba, Israel	MD
2002	Columbia University, New York, NY	MBA
2002	Yale University, New Haven, Connecticut (<i>Honorary</i>)	MA

Postdoctoral Training:

Residencies

1986-1989	Schneider Children's Hospital, New York, NY	Pediatrics
1989-1992	Yale-New Haven Hospital, New Haven, CT	Anesthesiology

Clinical and Research Fellowships

1992	The Children's Hospital, Boston, Massachusetts	Pediatric Anesthesia
1992-1993	Yale University, New Haven, Connecticut	Robert Wood Johnson Fellowship Program

Post Graduate Training (selected)

2001	Harvard School of Public Health, Boston MA	Health Care Negotiation
2003	GE Medical Systems, New Haven, CT	Six Sigma, Black Belt

Academic Appointments:

1993-1997	Assistant Professor, Anesthesiology & Pediatrics
1997-2001	Associate Professor, Anesthesiology & Pediatrics
1999-2001	Associate Professor, Child Psychiatry
2001-	Professor, Anesthesiology & Pediatrics & Child Psychiatry

Professional Appointments:

1993-current	Attending in Anesthesiology, Yale-New Haven Hospital
1997-2002	Chief of Pediatric Anesthesia, Yale-New Haven Children's Hospital
1998-current	Director, Pediatric Surgery Center, Yale-New Haven Hospital
1999-2002	Director, Pediatric Anesthesia Fellowship (ACGME)
2000-2002	Vice-Chair, Administration & Finance, Department of Anesthesiology
2002-2004	Vice-Chair, Clinical Affairs, Department of Anesthesiology
2000-current	Board of Governors, Yale Medical Group
2002-current	Anesthesiologist-in-Chief, Yale-New Haven Children's Hospital
2004-current	Executive Vice-Chair, Department of Anesthesiology
2006-current	Chairman, Finance committee of the Yale Medical Group

Board Certifications and Licenses:

1992	Connecticut License Registration
1993	Diplomat, American Board of Pediatrics
1993	Diplomat, American Board of Anesthesiology
2002	American Board of Pediatrics/ Re-certified

Awards, Honors (selected):

1989	Resident Research and Scholarly Award, Schneider Children's Hospital,
1994	Foundation for Anesthesia Education and Research, Starter Grant Award

1998	Member of Belgian Association of Anaesthesia (honorary)
2000-2006	American Society of Anesthesiologists, National Refresher Course Lecturer
2002	Beta Gamma Sigma, Columbia Business School
2004/5	Best Doctors in America

Major Committee Assignments (current only):

International

2004-2007	Member of Cochrane Consumers & Communication Review Group
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National

American Society for Anesthesiologists

2000-2008	Delegate
2004-2007	Pediatric Anesthesia Sub-Committee, <i>Chair</i>
2001-2007	Pediatric Anesthesia Committee, <i>member</i>
2004-2007	Scientific Panel Committee, <i>member</i>
2004-2006	Committee on Scientific Papers, <i>member</i>
2004-2006	Pediatric Anesthesia Track, ASA annual meeting, <i>member</i>

American Academy for Pediatrics/ Section on Anesthesia & Pain

2002-2006	Executive Committee
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State:

Connecticut Society of Anesthesiologists

1999-2006	Executive Committee
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Medical School:

Yale School of Medicine

2001-current	Contracting Committee
2001-current	Board of Permanent officers
2004-current	Risk Management Committee (joint with YNHH)
2004	Clinical & Population-based Research Committee (<i>Chair</i> , Programs)

Hospital:

Yale-New Haven Hospital

2004-current	Executive Director Committee
1997-present	Executive Committee, Operating Rooms
2003-current	Steering Committee, Six-Sigma
<i>Yale-New Haven Children's Hospital</i>	
2002-present	Executive Council
2003-present	Chair, Executive Committee of Operating Rooms

Departmental

Yale Department of Anesthesiology

2003-current	Chair, Clinical Council
1999-current	Section Chief Committee
2000-current	Resident Selection Committee
2000-current	Finance Committee

National Task Forces:

2006	Task force on developing guidelines for conscious sedation American Society of Anesthesiologists
2006/7	Task force on smoking cessation American Society of Anesthesiologists

Editorial Activities:

Editorial Boards:

2004-2008	<i>Anesthesiology</i>
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2004-2008 *Pediatrics*
 1998-current *Anesthesiology News*
 1998-current *Journal of Clinical Anesthesia*
 2004-2007 *Journal of Pediatric Psychology*
Guest Reviewer:
Lancet
JAMA
Intensive Care Medicine
Survey of Anesthesiology
Anesthesia & Analgesia
Journal of Cardiothoracic Anesthesia
Chest
Journal of Psychosomatic Research
Pediatric Research
Journal of Pediatric Psychology
Acta Anesthesiologica Scandinavica
Journal of Applied Physiology

Professional Societies:

1987	Fellow, American Academy of Pediatrics
1989	International Anesthesia Research Society
1989	American Society of Anesthesiologists
1990	American Medical Association
1993	Society of Pediatric Anesthesia
1995	Sigma Xi, the Honorary Research Society
1998	Association of University Anesthesiologists (by invitation)
1998	American Psychosomatic Society

Study Section Membership

2000-2004	Foundation for Anesthesia Education and Research (FAER), Scientific Advisory Board, <i>member</i> .
2001-2003	National Institutes of Health, CSR, Risk Prevention and Health Behavior 3 Study, <i>ad hoc member</i>
2003-2007	National Institutes of Health, CSR, Risk Prevention and Health Behavior 3 Study, <i>Section member</i> .
2006	Risk Prevention and Health Behavior 3 Study, Special emphasis Panel, <i>Chair</i> .
2007	Donaghue Foundations, Health Care and

Grant Support:

Investigator	Grant Title	Agency	Amount	Dates
H Saadat (ZNK, CO-PI)	Validation of a wellness program for residents	FAER	\$100,000	2006-08
ZN Kain	Behavioral interactions between parental, health care provider and child behavior	NICHD R01	\$3,830,736	2005-10
ZN Kain	Psychological influences on postoperative recovery	NICHD R01	\$2,760,797	2003-8

SM Wang (ZNK, CO-PI)	Acupuncture treatment for Low Back Pain	NCCAM R21	\$600,000	2005-2008
ZN Kain	Perioperative Behavioral Stress in Children	NICHHD R01	\$1, 832,581	1999-2003 Complete
ZN Kain	Preoperative Anxiety in Children	NIGMS K23	\$625,220	1996-9 Complete
AA Caldwell- Andrews (ZNK, CO-PI)	Preparation of Women undergoing a Hysterectomy	NIGMS R21	\$487,000	2001-2004 Complete
ZN Kain	Perioperative Stress in Children and Adults	Donaghue Investigator for Health-Related Research	\$660,000	1999-2004 Complete
SM Wang (ZNK, CO-PI)	Acupuncture for Nausea and Vomiting in Children	FAER	\$70,300	2001-2002 Complete
ZN Kain	Preoperative Anxiety in Children	Arthur Vining Davis Foundations	\$175,000	1996-8 Complete
ZN Kain	Parental Presence during Induction of Anesthesia	FAER	\$50,190	1994-5 Complete
ZN Kain	Reduced Preoperative Anxiety on Postoperative Outcomes	Hoffman La- Roche	\$184,520	1998-2001 Complete
ZN Kain	The Effects of Premedication on Postoperative Outcomes	Hoffman La- Roche	\$194,962	1996-9 Complete
ZN Kain	Premedication Usage in the US: A National Survey	Anesta Laboratories Inc.	\$29,500	1995-6 Complete
ZN Kain	Thrombocytopenia in Cocaine Abusing Parturients	Roche Laboratories	\$45,000	1994-5 Complete

Biography: Peer Reviewed

1. **Kain ZN**, Maislos M. [Measurement of plasma insulin levels-limitations and Clinical Applications]. *Harefuah* 1987;113:172-175. [Hebrew]
2. Shapiro WL, **Kain ZN**. Diarrhea in infants with AIDS (letter). *N Engl J Med* 1988;319:517.
3. **Kain Z**, Lashansky G, Kilchevsky E. Klebsiella pneumoniae arthritis in a child. *Pediatr Infect Dis J* 1988;7:430-431.
4. Levy R, **Kain Z**, Chaimovitz C, Fridkin M, Segal S, Alkan M. Potential use of Tuftsin in treatment of Candida Peritonitis in a murine model. *J Biol Regul Homeost Agents* 1989;3:71-78.
5. **Kain Z**, Alkan M, Chaimovitz C, Segal S, Fridkin M, Levy R. Human peritoneal macrophage activity is increased by Tuftsin. *Immunol Lett* 1989;21:257-261.
6. **Kain Z**, Frogel M, Krilov LR. Osteomyelitis associated with varicella infection. *Pediatr*

Infect Dis J 1989;8:473-475.

7. **Kain ZN**, Chinoy MR, Antonio-Santiago MT, Marchitelli RN, Scarpelli EM. Enhanced lung maturation in cocaine-exposed rabbit fetuses. *Pediatr Research* 1991;29:534-537.
8. Stewart FC, **Kain ZN**. Intraosseous infusion: Elective use in pediatric anesthesia. *Anesth Analg* 1992;75:626-629.
9. **Kain ZN**, Kain TS, Scarpelli EM. Cocaine exposure in utero: Perinatal development and neonatal manifestations. *J Clin Toxicol* 1992;30:607-636.
10. **Kain ZN**, Rimar S, Barash PG. Cocaine abuse in the parturient, and effects on the fetus and neonate. *Anesth Analg* 1993;77:835-845.
11. **Kain ZN**, Berde CB, Benjamin PK, Thompson JE. Performance of pediatric resuscitation bags assessed with an infant lung simulator. *Anesth Analg* 1993;77:261-264.
12. **Kain ZN**, Shamberger RC, Holzman RS. Anesthetic management of children with neuroblastoma. *J Clin Anesth* 1993;5:486-491.
13. **Kain ZN**, O'Connor TZ, Berde CB. Management have tracheo-bronchial and esophageal foreign bodies in children: A survey study. *J Clin Anesth* 1994;6:28-32.
14. **Kain ZN**, Gaal DJ, Kain TS, Jaeger DD, Rimar S. A first pass cost analysis of propofol versus barbiturates for children undergoing MRI. *Anesth Analg* 1994;79:1102-1106.
15. **Kain ZN**, Rosenbaum SH. Physiology and management of cocaine exposure preceding emergency anesthesia and surgery. *Current Opinion Anesthesiology* 1994;7:293-298.
16. **Kain ZN**, Rimar S. Management of chronic pain in children. *Pediatr in Rev* 1995;16:218-222.
17. **Kain ZN**, Gaal DJ, Kain TS, Jaeger DD, Rimar S. Engineers or imaginaries of savings? *Anesth Analg* 1995;81:212-213.
18. **Kain ZN**, Gaal DJ, Kain TS, Jaeger DD, Rimar S. Analysis of cost savings in the recovery room requires complex models. *Anesth Analg* 1995;81:655.
19. **Kain ZN**. Parental presence during induction of anesthesia (Editorial). *Paediatr Anaesth* 1995;5:209-212.
20. **Kain ZN**, Mayes LC, Pakes J, Rosenbaum SH, Schottenfeld R. Thrombocytopenia in cocaine abusing pregnant women. *Am J Obstet Gynecol* 1995;173:885-890.
21. **Kain ZN**, Mayes LC, Cicchetti DV, Caramico LA, Spieker M, Nygren MM, Rimar S. A measurement tool for preoperative anxiety in children: The Yale Preoperative Anxiety Scale (YPAS). *Child Neuropsych* 1995;1:203-210.
22. **Kain ZN**, Mayes LC, Caramico LA, Spieker M, Nygren MM, Rimar S. Parental presence during induction of anesthesia: a randomized controlled trial. *Anesthesiology* 1996;84:1060-1067.
23. **Kain ZN**, Ferris C, Mayes LC, Rimar S. Parental presence during induction of anesthesia: Practice differences between the US and Great Britain. *Paediatr Anaesth* 1996; 6:187-193.
24. **Kain ZN**, Fernandez L, Touloukian R. Parental presence during induction of anesthesia: The surgeon's perspective. *Euro J Peds Surgery* 1996;6:323-327.
25. **Kain ZN**, Mayes LC, Caramico L. Preoperative preparation in children: A cross sectional

- study. *J Clin Anesth* 1996; 8:508-14.
26. **Kain ZN**, Mayes LC, O'Connor T, Cicchetti DV. Preoperative anxiety in children: Predictors and outcomes. *Arch Pediatr Adolesc Med* 1996;150:1238-1245.
 27. **Kain ZN**, Mayes LC, Ferris FA, Pakes H, Schottenfeld R. Cocaine abusing parturients undergoing cesarean section: A cohort study. *Anesthesiology* 1996;85:1028-1035.
 28. **Kain ZN**, Mayes LC, Caramico LA, Rimar R. Parental presence is not necessary during induction of anesthesia. *Anesthesiology* 1996; 85:1213.
 29. **Kain ZN**. The pediatric forum: Preoperative anxiety in children predictors and outcomes [in response]. *Arch Pediatr Adolesc Med*. 1997;151:636-637
 30. **Kain ZN**, Wang SM, Caramico LA, Hofstadter M, Mayes L. Parental perioperative information desire and informed consent: A two phase study. *Anesth Analg* 1997;84:299-307.
 31. **Kain ZN**, Mayes LC, Bell S, Wang SM, Rimar S, Weisman S, Hofstadter M. Premedication prior to surgery in the US. *Anesth Analg* 1997;84:427-433.
 32. **Kain ZN**, Hernandez Conte A, Kosarusavadi B, Lee M. Desire for information in adult patients: A cross sectional study. *J Clin Anesth*; 1997;9:467-472.
 33. **Kain ZN**, Mayes LC; Cicchetti DV; Bagnall AL, Finley J, Hofstadter MB. The Yale Preoperative Anxiety Scale: How does it compare to a gold standard? *Anesth Analg* 1997;85:886-892.
 34. Koch ME, **Kain ZN**, Ayoub C, Rosenbaum SH. The sedative and analgesic sparing effect of music. *Anesthesiology* 1998;89:300-306.
 35. Rosenblatt WH, Ovassapian A, Wagner PJ, Hussian MB, **Kain ZN**. Availability of airway devices among anesthesia practitioners. *Anesth Analg* 1998;87:153-157.
 36. **Kain ZN**, Mayes LC, Wang SM, Caramico LA, Hofstadter MB. Parental presence during induction of anesthesia vs. sedative premedication: Which intervention is more effective? *Anesthesiology* 1998;89:1147-1156.
 37. **Kain ZN**, Mayes LC, Caramico LA, Genevro JL, Bornstein MH, Hofstadter MB. Preoperative preparation programs in children: A comparative examination. *Anesth Analg* 1998;87:1249-55.
 38. **Kain ZN**. Preoperative preparation and premedication of the pediatric patient. *Problems in Anesthesia* 1998;10:434-443.
 39. **Kain ZN**. Perioperative anxiety in parents and children: The next generation (Editorial). *Anesth Analg* 1999;88:237-239.
 40. Hackel A, Badgwell M, Binding R, Dahm L, Dunbar B, Fischer C, Geiduschek J, Gunter J, Gutierrez-Mazorra J, **Kain ZN**, Liu L, Means L, Meyer P, Marray J, Polaner D, Striker T. Guidelines for the pediatric perioperative anesthesia environment. *Pediatrics* 1999;103:512-515.
 41. Cassady FJ, **Kain ZN**. Preoperative preparation for parents of pediatric surgery patients. *Anesthesiology Reports* 1999;1:67-71.
 42. **Kain ZN**, Mayes LC, Caramico LA, Wang SM, Hofstadter MB. Postoperative behavioral outcomes in children: Effects of sedative premedication. *Anesthesiology* 1999;90:758-765.

43. Wang SM , **Kain ZN**, Hofstadter MB. An alternative method to alleviate post-operative nausea and vomiting in children. *J Clin Anesth* 1999;11:231-234.
44. **Kain ZN**, Mayes LC, Caramico LA, Hofstadter MB. Distress during induction of anesthesia and postoperative behavioral outcomes. *Anesth Analg* 1999;88:1042-1047.
45. **Kain ZN**, Zimolo Z, Heninger G. Leptin as a perioperative neuro-endocrinological stress hormone. *J Clin Endocrinol Metab* 1999;84:2438-2442.
46. Villanueva R, Bell C, **Kain ZN**, Colingo K. The effect of peripheral perfusion on accuracy of pulse oximetry in children. *J Clin Anesth* 1999;11:317-322.
47. **Kain ZN**, Fasulo A, Rimar S. Establishment of specialized pediatric operating rooms: Any benefits? *J Clin Anesth* 1999;11:540-544.
48. Maranets I, **Kain ZN**. Preoperative anxiety and intraoperative anesthetic requirements. *Anesth Analg* 1999;89:1346-1351.
49. Wang SM, **Kain ZN**. Preoperative anxiety and postoperative nausea and vomiting in children: Is there an association? *Anesth Analg* 1999;90:571-575.
50. **Kain ZN**, Mayes LC, Hofstadter M. Behavioral outcomes methodology. *Anesthesiology* 1999; 91:1959-1960.
51. **Kain ZN**, Maranets I. Preoperative anxiety and intraoperative anesthetic requirements. *Anesth Analg* 2000;91:244-51.
52. McClain BC, Bell C, **Kain ZN**. Sedation and analgesia for procedures in children. *N Engl J Med* 2000;343:302-303.
53. **Kain ZN**, Mayes LC, Caramico L, Wang SM, Krivutza D, Hofstadter MB. Parental presence and sedative premedicants for children undergoing surgery: A hierarchical study. *Anesthesiology* 2000;92:939-946.
54. **Kain ZN**, Hofstadter MB, Mayes LC, Krivutza DM, Alexander A, Wang SM, Reznick JS. Midazolam: Effects on amnesia and anxiety in children. *Anesthesiology* 2000;93:676-684.
55. **Kain ZN**, Sevarino F, Pincus S, Alexander GM, Wang SM, Ayoub C, Kosarussavadi B. Attenuation of the preoperative stress response with midazolam: Effects on postoperative outcomes. *Anesthesiology* 2000;93:141-147.
56. **Kain ZN**, Sevarino F, Alexander GM, Pincus S, Mayes L. Predictors for postoperative pain in women undergoing surgery: A repeated measures design. *J Psychosomatic Res* 2000;49:417-422.
57. **Kain ZN**. Postoperative maladaptive behavioral changes in children: Incidence, risks factors and interventions. *Acta Anaesth Scand*; 2000;51:217-226.
58. **Kain ZN**, Barash PG. Anesthetic implications of drug abuse. *ASA Refresher Courses in Anesthesiology*; 2001;29: 159-173.
59. **Kain ZN**. Parental presence and premedication revisited. *Curr Opin Anesth* 2001;14:331-337.
60. McCann ME, **Kain ZN**. Management of Preoperative Anxiety in Children: An Update. *Anesth Analg* 2001; 93:98-105.

61. **Kain ZN**, Mayes LC, Caramico LA, Weisman S, Hofstadter MB. Social adaptability and other personality characteristics as predictors for children's reactions to surgery. *J Clin Anesth* 2001;12:549-554.
62. **Kain ZN**, Sevarino F, Rinder C, Pincus S, Alexander GM, Mayes LC, Ivy M, Heninger, G. Preoperative anxiolysis and postoperative recovery in women undergoing abdominal hysterectomy. *Anesthesiology* 2001; 94:415-22.
63. Wang SM, **Kain ZN**. Acupuncture as a new modality for the treatment of anxiety. *Anesth Analg*; 2001;92:548-53.
64. Polaner DM, Houck CS, Rockoff MA, Mancuso TJ, Finley GA, Maxwell LG, Cravero J, **Kain ZN**, Bell C, Bosenberg A, Zwass M, Valley R, Agarwal R, Savarese A, Rice LJ, Cote CJ, Davidson PJ, Ferrari LR, Davis PJ. Sedation, risk, and safety: do we really have data at last? *Pediatrics*. 108:1006-8, 2001
65. **Kain ZN**, Wang SM, Mayes LC, Krivutza DM, Teague BA. Sensory stimuli *and* anxiety in children undergoing surgery: A randomized controlled trial. *Anesth Analg*; 2001;92:897-903.
66. Wang SM, **Kain ZN**. Acupuncture as a treatment for Preoperative Anxiety. *Anesth Analg*; 2001;93:1178-80.
67. **Kain ZN**, Chan KM, Katz JD, Nigam A, Fleisher L, Rosenfeld LE. Anesthesiologists and acute perioperative stress: A cohort study. *Anesth Analg*; 2002;95:177-83.
68. Wang SM, Kulkarni L, Dolev J, **Kain ZN**. Music and Preoperative Anxiety: A randomized controlled study. *Anesth Analg*; 2002;94:1489-94.
69. Wang SM, **Kain ZN**. P6 Acupoint injections are as effective as droperidol in controlling early postoperative nausea and vomiting in children. *Anesthesiology* 2002; 97:359-366.
70. **Kain ZN**, Andrews-Caldwal A, Wang SM. Psychological Preparation of the Pediatric Surgical patient. *Anesth Clinics of North America*. 2002: 20;29-44.
71. **Kain ZN**, Cicchetti DV, McClain B. Measurement of Pain in Children: State-of-the-art Consideration (Editorial). *Anesthesiology* 2002;96;523-6.
72. **Kain ZN**, Mayes LC, Alexander GM, Caldwell-Andrews AC, Krivutza D, Teague BA, Wang SM. Sleeping Characteristics of Children Undergoing Outpatient Elective Surgery. *Anesthesiology* 2002;97:1093-101.
73. Wang SM. Peloquin C. **Kain ZN**. Attitudes of patients undergoing surgery toward alternative medical treatment. *J Alter & Comp Med* 2002. 8:351-356.
74. **Kain ZN**, Caldwell-Andrews AA, Mayes LC. Parental Intervention Choices for Children Undergoing Repeated Surgeries. *Anesth Analg* 2003; 96:970-5.
75. Hartmannsgruber MWB, Atanassoff PG, Budde A, Brull SJ, **Kain ZN**, Silverman DG. Intradermal sufentanil does not improve lidocaine-induced local anesthesia. *Can J Anaesth* 2003. 50:153-158.
76. **Kain ZN**, Caldwell-Andrews AA, Mayes LC, Wang SM, Krivutza DM, LoDolce ME. Parental Presence During Induction of Anesthesia: Physiological Effects on Parents. *Anesthesiology* 2003;98:58-64.
77. Wang SM. Caldwell-Andrews AA. **Kain ZN**. The use of complementary and alternative medicines by surgical patients: a follow-up survey study. *Anesth & Analg* 2003. 97:1010-5.

78. Dabu-Bondoc S, Drummond-Lewis J, Gaal D, McGinn M, Caldwell-Andrews AA, **Kain ZN**. Hemispheric synchronized sounds and intraoperative anesthetic requirements. *Anesth Analg* 2003; 97:772-5.
79. Kober A, Scheck T, Schubert B, Strasser H, Gustorff B, Bertalanffy P, Wang SM, **Kain ZN**, Hoerauf K. Auricular acupressure as a treatment for anxiety in prehospital transport settings. *Anesthesiology* 2003;98:1328-32.
80. **Kain ZN**, Caldwell-Andrews AA. Sleeping characteristics of adults undergoing outpatient elective surgery: A cohort study. *J Clin Anesth* 2003;15:505-9.
81. **Kain ZN**, Caldwell-Andrews AA, Krivutza DM, LoDolce ME, Wang SM, Gaal D. Trends in the practice of parental presence during induction of anesthesia and the use of preoperative sedative premedication in the United States, 1995-2002: Results of a follow up study. *Anesth Analg* 2003;98:1252-9.
82. **Kain ZN**, Caldwell-Andrews AA, Krivutza DM, LoDolce ME, Wang SM, Gaal D, Mayes L. Interactive Music Therapy: A Randomized Controlled Trial. *Anesth Analg* 2004;98:1260-6..
83. **Kain ZN**, Caldwell-Andrews AA, Maranets I, McClain B, Gaal D, Mayes LC, Feng R, Zhang H. Preoperative anxiety and emergence delirium and postoperative maladaptive behaviors. *Anesth Analg* 2004;99:1648-54.
84. Wang SM, Maranets I, Weinberg ME, Caldwell-Andrews AA, **Kain ZN**. Parental Auricular Acupuncture as an Adjunct for Parental Presence During Induction of Anesthesia. *Anesthesiology* 2004;100:1399-404..
85. Wang SM, DeZinno P, Maranets I, Berman M, Caldwell-Andrews A, **Kain ZN**. Low Back Pain During Pregnancy: Prevalence, Risk factors, and Outcomes. *Obstetrics & Gynecology*. 2004;104:65-70
86. Zempsky WT, Cravero JP and **Section on Anesthesiology and Critical Care**. Relief of Pain and Anxiety in Pediatric Patients Emergency Medical Systems. *Pediatrics* 2004;114:1348-1354.
87. Ayoub CM, Rizk LB, Yaacoub C, Krivutza D, Gaal D, **Kain ZN**. The Influence of Music on Intraoperative Sedatives Requirements: A Follow-Up Study. *Anesth Analg* 2005; 100:1316-9.
88. **Kain ZN**, Caldwell-Andrews AA, Weinberg ME, Mayes LC, Wang SM, Gaal D, Saadat H, Maranets I. Sevoflurane vs. Halothane: Postoperative Maladaptive Behavioral Changes. *Anesthesiology*. 2005; 102:720-6.
89. McClain B, **Kain ZN**. Procedural Pain in Neonates: The New Millennium (Editorial). *Pediatrics* 2005; 115:1073-5.
90. Wang SM, Gaal D, Maranets I, Caldwell-Andrews A, **Kain ZN**. Acupressure and Preoperative Parental Anxiety: A Pilot Study. *Anesth Analg*. 2005;101:666-9.
91. **Kain ZN**, Caldwell-Andrews AA. Psychological preparation of children undergoing surgery. *Anesth Clin NA*. 2005; 23:597-614, 2005
92. Caldwell-Andrews A, **Kain ZN**, Mayes LM, Kerns R, Ng R. Parental Presence during

- Induction of Anesthesia: Effects of Motivation, Hesitancy and Desire. *Anesthesiology*. 2005;103:478-84..
93. **Kain ZN**, Mayes LC, Caldwell-Andrews AA, Saadat S, McClain B, Wang SM. Predicting Which Children Benefit Most from Parental Presence During Induction of Anesthesia. *Anesth Analg* 2006;102:81-4.
 94. Wang SM, DeZinno P, Fermo L, William K, Caldwell-Andrews AA, Bravemen F, **Kain ZN**. Complementary and alternative medicine for low-back pain in pregnancy: a cross-sectional survey. *J Alter & Comp Med* 2005; 11:459-64.
 95. **Kain ZN**. The Legend of the P-Value (Editorial). *Anesth Analg*. 2005;101:1454-6.
 96. Barker R, Kober A, Hoerauf K, Latzke D, Adel S, Kain ZN, Wang SM. Out-of-hospital auricular acupressure in elder patients with hip fracture: a randomized double-blinded trial. *Academic Emergency Medicine* 2006. 13:19-23.
 97. Schoenfelder RC, Ponnamma CM, Freyle D, Wang SM, **Kain ZN**. Residual Gastric Fluid Volume and Chewing Gum Before Surgery. *Anesth Analg* 2006; 102:415-7.
 98. Caldwell-Andrews A, **Kain ZN**. Psychological Predictors of Postoperative Sleep Problems in Children Undergoing Outpatient Surgery. *Pediatr Anesth*. 2006; 16:144-51,.
 99. Saadat H, Drummond-Lewis J, Maranets I, Kaplan D, Saadat A, Wang SM, **Kain ZN**. Effects of Hypnosis on Preoperative Anxiety in Adult Patients. *Anesth Analg* 2006; 102:1394-6.
 100. **Kain ZN**, Mayes LC, Caldwell-Andrews AA, Saadat S, McClain B, Wang SM. Preoperative Anxiety and Postoperative Pain and Behavioral Recovery in Young Children Undergoing Surgery. *Pediatrics* 2006;118:651-8,.
 101. **Kain ZN**. The National Practitioner Data Bank and Anesthesia Malpractice Payments. *Anesth Analg* 2006; 103:646-9.
 102. **Kain ZN**. What pediatricians should know about child-related malpractice payments in the United States. *Pediatrics* 2006; 118:464-8.
 103. Saadat H, Escobar A, Davis E, Ehrenwerth J, Watrous G, Fisch G, **Kain ZN**, Barash P. Task analysis of the pre-incision period in a pediatric operating suite: an independent-observer based study of 656 cases. *Anesth Analg*, 2006; 103:928-31.
 104. Davis E, Escobar A, Ehrenwerth J, Watrous G, Fisch G, **Kain ZN**, Barash P. Resident teaching versus the operating room schedule: an independent observer-based study of 1558 cases. *Anesth Analg*, 2006;103:932-7,.
 105. Escobar A, Davis E, Ehrenwerth J, Watrous G, Fisch G, **Kain ZN**, Barash P. Task analysis of the pre-incision surgical period: an independent-observer based study of 1558 cases. *Anesth Analg*, 2006;103:922-7.
 106. Ehrenwerth J, Escobar A, Davis E, Watrous G, Fisch G, **Kain ZN**, Barash P. Can the attending anesthesiologist accurately predict the duration of anesthesia induction? *Anesth Analg*, 2006;103:938-40.

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108. **Kain ZN**, Caldwell-Andrews AA, Wang SM, Mayes L. Preoperative Behavioral Preparation reduces preoperative anxiety and decreases postoperative analgesic requirements. *Anesthesiology*, accepted 2006.
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71. Caldwell-Andrews AA, Blount RL, Mayes L, **Kain ZN**. Development of the P-CAMPIS: Assessing parent and child and health care provider interactions in the perioperative environment. Poster to be presented at the annual meeting for the Society of Pediatric Psychology, April 2004, Charleston SC
72. Caldwell-Andrews AA, Blount RL, Mayes L, **Kain ZN**. Parental Presence in the Operating Room: A Black Box Approach. Poster to be presented at the annual meeting for the Society of Pediatric Anesthesiology, February 2004, Phoenix, AZ.
73. Wang SM, Punjala P, Krivutza D, Caldwell-Andrews A, **Kain ZN**. The Narcotic Sparing Effect of Acupuncture during Lithotripsy: A Double Blinded RCT. *Anesthesiology* 2004;98:A31
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75. Zisk RY, Grey M, **Kain ZN**. What are we so afraid of? Parental attitudes regarding children's analgesia. Poster session at the 7th International Symposium on Pediatric Pain (ISPP). Vancouver, Canada.
76. Zisk, RY, Kankkunen P., Vehviläinen-Julkunen K Pietilä A-M, Kokki H, Grey M, **Kain ZN**. A tale of two countries: A comparison of the perceptions of analgesics among Finnish and American parents. Poster session at the 7th International Symposium on Pediatric Pain (ISPP). Vancouver, Canada.
77. Zisk RY, Grey M, **Kain ZN**. Decoding Cues: How Parents Know When Their Child Is In Pain. Poster session at the 7th International Symposium on Pediatric Pain (ISPP). Vancouver, Canada.
78. Zisk RY, Grey M, Medoff-Cooper B, **Kain ZN**. Parental-Global-Impression of Children's Acute Pain. American Society of Anesthesiologists (ASA) annual meeting (Abstract # 801). Atlanta, Georgia 2005.
79. **Kain ZN**, Caldwell-Andrews A, Mayes LC. Children's Reactivity and the Perioperative Neuroendocrine Response. *Annals of Behavioral Medicine* 2006;S030.
80. **Kain ZN**, Caldwell-Andrews AA, Mayes LC, Zisk RY. What Children Want To Know about Their Surgery. *Anesthesiology*, 2006;105;A553.
81. **Kain ZN**, Wang SM, Caldwell-Andrews AA, Smith G, Saadat H. Pre-Surgical Preparation

Programs for Children Undergoing Outpatient Surgery: Current Status. *Anesthesiology*, 2006;105:A955.

82. **Kain ZN**, Wang SM, Caldwell-Andrews AA, Zisk RY, Mayes LC. Facilitating Perioperative Research: Validity of Short Electronic Measures for Anxiety/Temperament. *Anesthesiology*, 2006;105:A972.

Invited Speaker/Visiting Professor:

1. Anesthesia for Patients with Drug Addiction. Post Graduate Assembly Meeting (PGA), 47th Annual Meeting, New York, NY (1993)
2. Problem Based Learning Discussion. Cocaine: The Big Impostor. American Society of Anesthesiologists, San Francisco, CA (1994)
3. Parental Presence During Induction of Anesthesia. Society for Pediatric Anesthesia/AAP-Anesthesia section, Phoenix, AZ (1995)
4. Problem Based Learning Discussion. Cocaine: Anesthetic Implications. American Society of Anesthesiologists, Atlanta, GA (1995)
5. Anesthesia for Patients with Drug Addiction. The 25 Annual Anesthesiology Review Course at the University of Alabama. Birmingham, AL. (1996)
6. Does Parental Presence make Pediatric Anesthesia Easier? The 25 Annual Anesthesiology Review Course at the University of Alabama. Birmingham, AL (1996)
7. Preoperative Anxiety in Children: Predictors, Risk Factors and Outcomes. The 17th Annual Children & Healthcare Week at the Children's Hospital at Yale- Haven, New Haven, CT (1996)
8. Does Parental Presence Make Pediatric Anesthesia Easier? Grand Rounds. The Nemours Children's Clinic, Jacksonville, FL (1996)
9. Parental Presence During Induction of Anesthesia. Grand Rounds. University of Florida, Gainesville, FL (1996)
10. Problem Based Learning Discussion. Cocaine: Anesthetic Implications. American Society of Anesthesiologists, New Orleans, LA (1996)
11. Induction of Anesthesia in the Pediatric Patient: Should Parents be Present? (Panel Discussion). American Society of Anesthesiologists, New Orleans, LA (1996)
12. Anesthesia for Patients with Drug Addiction. Ground Rounds. Bay State Medical Center, Springfield, MA (1997)
13. Perioperative Anxiety in Children. Connecticut State Society of Post Anesthesia Nurses. Hartford, CT (1997)
14. Preoperative Preparation of the Pediatric Surgical Patients. Pediatric Anesthesia for the General Anesthesiologist (Review Course), Jacksonville, FL (1997)
15. Common Pediatric Post Anesthesia Care Problems. Pediatric Anesthesia for the General

- Anesthesiologist (Review Course), Jacksonville, FL (1997)
16. Preoperative Implications of Drug Abuse. Pediatric Anesthesia for the General Anesthesiologist (Review Course), Jacksonville, FL (1997)
 17. Problem Based Learning Discussion. Cocaine: Anesthetic Implications. American Society of Anesthesiologists Annual Meeting, San Diego, CA (1997)
 18. Problem Based Learning Discussion. Management of Foreign Bodies in Children. American Society of Anesthesiologists Annual Meeting, San Diego, CA (1997)
 19. Perioperative Behavioral Stress in Children. Grand Rounds. The Children's Hospital of Philadelphia, Philadelphia, PA (1997)
 20. Seminar: How to Read a Paper? The Children's Hospital of Philadelphia, Philadelphia, PA (1997)
 21. Perioperative Implications of Drug Abuse in Children and Adolescents. Pediatric Anesthesiology 1998 (joint meeting of the Society for Pediatric Anesthesia and the American Academy of Pediatrics- Section of Anesthesia), Phoenix, AZ (1998)
 22. Preoperative Preparation and Premedication of the Pediatric Patient. Grand Rounds. Children's Hospital of Pittsburgh, Pittsburgh, PA (1998)
 23. Seminar: How to read a scientific paper? Children's Hospital of Pittsburgh, Pittsburgh, PA (1998)
 24. Preoperative Preparation and Premedication of the Pediatric Patient. Southern New England Anesthesia Conference. Newport, RI (1998)
 25. Preoperative preparation of the pediatric patient. Anesthesia Grand Rounds. The Nemours Children's Clinic, Jacksonville, FL (1998)
 26. The Perioperative Behavioral Stress Response. Pediatrics Grand Rounds. Baptist Medical Center, Jacksonville, FL (1998)
 27. Perioperative Anxiety: The Child the Parent and the Anesthesiologist. Society for Pediatric Anesthesia, Orlando, FL (1998)
 28. Problem Based Learning Discussion. Cocaine: Anesthetic Implications. American Society of Anesthesiologists, Orlando, FL (1998)
 29. Problem Based Learning Discussion. Management of Foreign Bodies in Children. American Society of Anesthesiologists, Orlando, FL (1998)
 30. Perioperative Stress in Children: The Next Millennium. Grand Rounds, Department of Pediatrics. Yale School of Medicine, New Haven, CT (1998)
 31. Anesthetic Management of the Substance Abusing Patient. Post Graduate Assembly Meeting (PGA), 47th Annual Meeting, New York, NY (1998)
 32. Preoperative Preparation and Premedication of the Pediatric Patient. The 1st Annual Yale Anesthesia Meeting, Stratton, VT (1999)

33. Preoperative Preparation and Premedication of the Pediatric Patient. Grand Rounds, Department of Anesthesiology. St. Luke's-Roosevelt Hospital Centers, Columbia University School of Medicine, New York, NY (1999)
34. Preoperative Preparation and Premedication of the Pediatric Patient. The 23rd Annual Anesthesia Symposium, Bay State Medical Center, Tufts University School of Medicine. Springfield, MA (1999)
35. Perioperative Stress in Children. Grand Rounds, Department of Anesthesiology. University of South Carolina School of Medicine. Columbia, SC (1999)
36. Perioperative Stress in Children. 4th Annual Vermont Perspectives in Anesthesia. The University of Vermont School of Medicine. Burlington, VT (1999)
37. Pediatric PACU Problems. 4th Annual Vermont Perspectives in Anesthesia. The University of Vermont School of Medicine. Burlington, VT (1999)
38. Perioperative Behavioral Stress in Children. Grand Rounds, Department of Anesthesiology. Wetschester Medical Center, New York Medical College. Valhalla, NY (1999)
39. Preoperative Preparation of the Pediatric Patient. Grand Rounds, Department of Anesthesiology. St. Vincent Medical Center. Columbia Presbyterian School of Medicine. Bridgeport, CT (1999)
40. Preoperative Preparation and Assessment of the Pediatric Patient. 40th Annual Postgraduate Anesthesia Seminar. New Jersey's State Society of Anesthesiologists, Atlantic City, NJ (1999)
41. The Perioperative Behavioral Stress Response. Grand Rounds, Department of Anesthesiology. Albany Medical College, Albany, NY (1999)
42. Conscious Sedation in Children. Grand Rounds, Department of Pediatrics. Metropolitan Hospital, New York Medical College, New York, NY (1999)
43. Conscious Sedation in Children. Grand Rounds, Department of Pediatrics. St. Luke's-Roosevelt Hospital Centers, Columbia University School of Medicine, New York, NY (1999)
44. Preoperative Preparation of the Pediatric Patient. Grand Rounds, Department of Anesthesiology. Bridgeport Hospital. Yale University School of Medicine. Bridgeport, CT (1999)
45. The Perioperative Behavioral stress Response in Children. Pediatric Anesthesia for the General Anesthesiologist (Review Course), Mayo Clinic Medical School, Jacksonville, FL (1999)
46. Perioperative Implications of Cocaine Abuse. Pediatric Anesthesia for the General Anesthesiologist, Mayo Clinic Medical School, Jacksonville, FL (1999)
47. Current Controversies in pediatric Anesthesia. Pediatric Anesthesia for the General Anesthesiologist (Review Course), Mayo Clinic Medical School, Jacksonville, FL (1999)

48. Preoperative Preparation and Premedication of the Pediatric Patient. Grand Rounds, Department of Anesthesia, National Children's Hospital, Washington, DC (1999)
49. The Perioperative Behavioral Stress Response. Grand Rounds, Department of Anesthesiology, SUNY-Syracuse, Syracuse, NY (1999)
50. Pediatric Anesthesia. Grand Rounds, Department of Pediatrics, Fairfax Hospital, University of Virginia, Fairfax, VA (1999)
51. Current Controversies in Pediatric Anesthesia. Grand Rounds, Department of Anesthesia, Norwalk Hospital, Norwalk, CT (1999)
52. Preparation and Premedication of the Pediatric Patient. Annual Meeting of the American Association of Nurse Anesthetists, Boston, MA (1999)
53. Assessment and Preparation of the Pediatric Patient. Grand Rounds, Department of Anesthesia, New Britain Hospital, New Britain, CT (1999)
54. Current Controversies in Pediatric Anesthesia. Grand Rounds, Department of Pediatrics, Howard University Hospital, Washington, DC (1999)
55. Conscious Sedation: The Next Generation. Grand Rounds, Department of Emergency Medicine, National Children's Hospital, Washington, DC (1999)
56. Current Controversies in Anesthesia. Grand Rounds, Department of Anesthesia, Holy Cross Hospital, Washington, DC (1999)
57. Perioperative Anxiety and Sedation. Grand Rounds, Department of Pediatrics, Georgetown University Hospital, Washington, DC (1999)
58. Perioperative Behavioral Stress in Children. Grand Rounds, Department of Anesthesiology, New York University (NYU), New York, NY (1999)
59. Current Controversies in Pediatric Anesthesia. 12th International Symposium on Anesthesia and Intensive Care, Tel Aviv, Israel (1999)
60. Perioperative Behavioral Stress in Children. 12th International Symposium on Anesthesia and Intensive Care, Tel Aviv, Israel (1999)
61. Does Music Affect the Perioperative Outcome? Post Graduate Assembly Meeting (PGA), 53rd Annual Meeting, New York, NY (1999)
62. Preoperative Preparation of Children for Surgery. Grand Rounds, Department of Anesthesiology, University of Buffalo, Buffalo, NY (2000)
63. The Perioperative Behavioral Response in Children. Grand Rounds. Department of Anesthesiology, Albany Medical College, Albany, NY (2000)
64. Parental Presence During Induction of Anesthesia. New England Assembly of Nurse Anesthetists. 20th Annual Meeting. Nashua, NH (2000)
65. Refresher Course. Anesthetic Implications of Drug Abuse. American Society of Anesthesiologists, Annual Meeting, San Francisco, FL (2000)

66. Panel Discussion. Postoperative Behavioral Changes in Children. American Society of Anesthesiologists, Annual Meeting, San Francisco, FL (2000)
67. Post Operative Behavioral Changes in Children. The Belgian Society of Anesthesia and Reanimation and the Belgian Association of Pediatric Anesthesiologists. Annual Meeting, Brussels, Belgium (2000)
68. Design of Clinical Studies. Society for Pediatric Anesthesia/American Academy of Pediatrics/ Section on Anesthesia, annual Meeting. San Diego, CA.(2000)
69. Parental Presence during induction of Anesthesia. Grand Rounds, Department of Anesthesiology, University of medicine and Dentistry of New Jersey, New Brunswick, NJ. (2000)
70. Design of Clinical Trials. Society of Pediatric Anesthesia/ American Academy of Pediatrics Annual meeting. Phoenix, AZ. (2001)
71. Scientific Poster Moderation. Society of Pediatric Anesthesia/ American Academy of Pediatrics Annual meeting. Phoenix, AZ. (2001)
72. The Perioperative Stress Response in Children. BAYPAC- Current Concepts in Pediatric Anesthesiology. UC Davis Health System Sacramento, CA. (2001)
73. Anesthetic Implications of Drug Abuse. Grand Rounds, Department of Anesthesiology, University of Alabama, Birmingham, AL. (2001)
74. How to read a scientific article. CQI Conference, Department of Anesthesiology, University of Alabama, Birmingham, AL. (2001)
75. Preoperative Preparation for Surgery. Grand Rounds, Department of Anesthesiology, University of Rochester, Rochester, NY. (2001)
76. The Perioperative Behavioral Stress Response. Grand Rounds, Department of Anesthesiology, Medical College of Wisconsin, Milwaukee, WI. (2001)
77. How to read a scientific article. CQI Conference, Department of Anesthesiology, Medical College of Wisconsin, Milwaukee, WI. (2001)
78. Current Controversies in Pediatric Anesthesia. The 6th Southern New England Anesthesia Conference, Boston, MA. (2001)
79. Refresher Course. Anesthetic Implications of Drug Abuse. American Society of Anesthesiologists, Annual Meeting, New Orleans, LA (2001)
80. Panel Discussion. Music in the Perioperative Settings. American Society of Anesthesiologists, Annual Meeting, New Orleans, LA (2001)
81. The Perioperative Behavioral Stress Response. Grand Rounds, Department of Anesthesiology, Columbia University College of Physicians & Surgeons, New York, NY.(2002)
82. Treatment of Preoperative Anxiety in Children. Grand Rounds, Department of

- Anesthesiology, Medical College of New York, Valhalla, NY. (2002)
83. Design of Clinical Trials. Society of Pediatric Anesthesia/ American Academy of Pediatrics Annual meeting. Miami, FL. (2002)
 84. Scientific Poster Moderation. Society of Pediatric Anesthesia/ American Academy of Pediatrics Annual meeting. Miami, FL. (2002)
 85. Negotiation and conflict resolution. Grand Rounds, Department of Anesthesiology, Yale University school of medicine, New Haven, CT. (2002)
 86. Anesthetic Implications of Drug Abuse. Refresher Course. American Society of Anesthesiologists, Annual Meeting, Orlando, FL. (2002)
 87. Sedative and Analgesic Effects of Music. Panel Discussion. American Society of Anesthesiologists, Annual Meeting, Orlando, FL. (2002)
 88. Family focused Anesthesia. Society of Pediatric Anesthesia Annual meeting (plenary session). Orlando, FL. (2002)
 89. Two Myths about Pediatric Anesthesia: Parental Presence and NPO status. The 18th Annual R.W. Robertazzi Memorial Panel (Key-note). The 56th Postgraduate Assembly (PGA), New York, NY. (2002)
 90. Problems in the Pediatric PACU. Refresher Course. California State Society Annual Meeting. Maui, HI. (2003)
 91. Current controversies in Pediatric Anesthesia. Refresher Course. California State Society Annual Meeting. Maui, HI. (2003)
 92. Anesthetic Implication of Drug Abuse. Refresher Course. California State Society Annual Meeting. Maui, HI. (2003)
 93. Management of Preoperative Anxiety in Children. Refresher Course. California State Society Annual Meeting. Maui, HI. (2003)
 94. Design of Clinical Trials. Society of Pediatric Anesthesia/ American Academy of Pediatrics Annual meeting. Sanibel island, FL. (2003)
 95. Myths in Pediatric Anesthesia. Grand Rounds, Department of Anesthesiology, Washington University, St. Louis, MI. (2003)
 96. Parental Presence during induction. Research Conference, Department of Anesthesiology, Washington University, St. Louis, MI. (2003)
 97. Negotiation in Health care settings. Department of Anesthesiology, New York Hospital, Cornell University, New York, NY.(2003)
 98. Myths in Pediatric Anesthesia. Grand Rounds. Department of Anesthesiology, New York Hospital, Cornell University, New York, NY.(2003)
 99. Update in Pediatric Anesthesia. Grand Rounds. Department of Pediatrics, Yale-New Haven Hospital, Yale University, New Haven, NY.(2003)

100. Myths in Pediatric Anesthesia. Grand Rounds. Department of Anesthesiology, Vanderbilt University, Nashville, TN. (2003)
101. Myths in Pediatric Anesthesia. Grand Rounds. Department of Anesthesiology, Emory University, Atlanta, GA. (2003)
102. Perioperative Stress in Children. Resident Lecture. Department of Anesthesiology, Emory University, Atlanta, GA. (2003)
103. Parental Presence During Induction of Anesthesia. Panel Discussion. American Society of Anesthesiologists, Annual Meeting, San Francisco, CA. (2003)
104. Myths in Pediatric Anesthesia. Refresher Course. American Society of Anesthesiologists, Annual Meeting, San Francisco, CA. (2003)
105. Postoperative Behavioral Changes in Children. Lecture. American Academy of Pediatrics., Annual Meeting, New Orleans, LA. (2003)
106. Myths in Pediatric Anesthesia. Grand Rounds. Department of Anesthesiology, Dartmouth-Hitchcock Medical Center, Lebanon, NH. (2003)
107. Perioperative Stress in Children. Resident Lecture. Department of Anesthesiology, Dartmouth-Hitchcock Medical Center, Lebanon, NH. (2003)
108. Myths in Pediatric Anesthesia. Grand Rounds. Department of Pediatrics, Yale-New Haven Hospital, Yale University, New Haven, NY. (2003)
109. Design of Clinical Trials. Society of Pediatric Anesthesia/ American Academy of Pediatrics Annual meeting. Phoenix, AZ. (2004)
110. Myths in Pediatric Anesthesia. Society of Pediatric Anesthesia/ American Academy of Pediatrics Annual meeting. Phoenix, AZ. (2004)
111. Controversies in Pediatric Anesthesia. Annual meeting of the Missouri Society of Anesthesiologists. St. Louis, MO. (2004)
112. Anesthetic Implication of Drug Abuse. Grand Rounds. Department of Anesthesiology. University of Massachusetts. Wooster, MA. (2004)
113. Perioperative Stress in Children. Grand Rounds. St Jude's Research Children's Hospital, Memphis, TN (2004).
114. Managing the Response of Children to Medical Procedures. Panel Discussion. St Jude's Research Children's Hospital, Memphis, TN (2004).
115. Parental Presence during Invasive Medical Procedures. Plenary Session. 3rd Annual Pediatric Forum of the American Pain Society (APS). Vancouver, Canada (2004).
116. Helping the Child and the Parent during Painful Procedures. Panel Discussion. 3rd Annual Pediatric Forum of the American Pain Society (APS). Vancouver, Canada (2004).
117. Myths in Pediatric Anesthesia. Refresher Course. American Society of Anesthesiologists, Annual Meeting, Las Vegas, NV. (2004)

118. Six Sigma Methodologies in the Operating Rooms. Panel Discussion. Society of Anesthesiology Academic Chairs (SAAC) annual meeting. Boston, MA (2004)
119. To Err is Human. Grand Rounds Department of Anesthesiology, Downstate Medical Center, State University of New York. Brooklyn, NY (2004)
120. Management of the Child with Respiratory Problems. Panel Discussion, the 58th Postgraduate Assembly in Anesthesiology (PGA). New York, NY (2004).
121. Stress and Anesthesiologists. The 11th International Conference of the Israeli Society of Anesthesiologists. Tel Aviv, Israel (2005)
122. Parental Presence during induction of Anesthesia: Myths and Realities. The 11th International Conference of the Israeli Society of Anesthesiologists. Tel Aviv, Israel (2005)
123. Clinical Research for the 21st Century. Key Note Speech for the Research Week. Cooper Hospital, RUTGERS, New Jersey (2005).
124. Winning Their Hearts and Minds: The Perioperative Stress Response in Children. Grand Rounds, Department of Anesthesiology. Vanderbilt University, Nashville, TN (2005).
125. To Err is Human: An Interactive Approach. Grand Rounds, Department of Anesthesiology. Yale University, New Haven, CT (2005).
126. Current Topics in Pediatric Anesthesia. Grand Rounds, Department of Anesthesiology. Winthrop University Hospital, Mineola, NY (2005).
127. Myths in Pediatric Anesthesiology, American Society of Anesthesiology, Annual Refresher Series, Atlanta, GA (2005).
128. Hidden Dangers in Pediatric Anesthesia. American Society of Anesthesiology Panel Discussion, Atlanta, GA (2005).
129. Update on Preoperative Preparation in Children. 4th Paediatric Anaesthesia Meeting. Barts and The London Hospitals, London, England (2005).
130. How to conduct Clinical Research in the Operating Rooms. 4th Paediatric Anaesthesia Meeting. Barts and The London Hospitals, London, England (2005).
131. Midazolam as a preoperative sedative: PRO. 4th Paediatric Anaesthesia Meeting. Barts and The London Hospitals, London, England (2005).
132. Reading a Scientific Article. Residents Lecture, Department of Anesthesiology. University of Calgary, Calgary, Canada (2006)
133. To Err is Human. Grand Rounds, Department of Anesthesiology. University of Calgary, Calgary, Canada (2006)

134. Perioperative Stress in Children. Grand Rounds, Alberta Children's Hospital (transmitted throughout 10 hospitals in Canada), Calgary, Canada (2006).
135. Six Sigma in the Operating Rooms. Practice Management Conference. American Society of Anesthesiologists. Orlando, FL (2006).
136. Improving the quality of practice in the operating rooms. Practice Management Conference. American Society of Anesthesiologists. Orlando, FL (2006).
137. Anesthetic Implications of drug abuse. 13th Jefferson Anesthesia Conference. Big Sky, MN (2006).
138. Common Problems in the Pediatric APACU. 13th Jefferson Anesthesia Conference. Big Sky, MN (2006).
139. Management of Preoperative Anxiety in Children. 13th Jefferson Anesthesia Conference. Big Sky, MN (2006).
140. Winning Their Heart and Mind. Grand Rounds. Department of Pediatrics, University of Connecticut, Hartford, CT (2006).
141. Best Papers of 2005/6. American Society of Anesthesiology Panel Discussion, Chicago, IL (2006).
142. Parental Presence vs. Premedication. American Society of Anesthesiology Panel Discussion, Chicago, IL (2006).
143. Myths in Pediatric Anesthesia. American Society of Anesthesiology, Refresher Course, Chicago, IL (2006).

Media (partial)

- "Challenging The View Of Post-Op Crybabies." *The Boston Globe*, Oct. 20, 1994, pp. 3.
- "Behavioral Problems in Children After Ambulatory Surgery Found Unavoidable In Some Instances." *Anesthesiology News*, December 1994, pp. 4.
- "Children after surgery." *The Hartford Courant*, December 22, 1994, pp. E1.
- "Postop disturbances are usually mild" *Physician's Weekly*, January 1995, vol. XII, No. 3.
- "Platelet count recommended for parturients abusing cocaine to detect thrombocytopenia." *Anesthesiology News*, May 1995, pp. 12.
- "Surgery: Help your child." *Keeping Well*, Winter 1995, pp 21.
- "Most postop behavioral problems in children found minor in nature." *Anesthesiology News*, January 1996, pp. 1, 6.
- "Subpopulation of children most likely to benefit from parental presence in OR identified." *Anesthesiology News*, January 1996, pp. 7.

- "Fully informing parents about possible anesthesia risks did not increase their anxiety." *Anesthesiology News*, May 1996, pp. 35, 46.
- "Giving a child anesthesia: Should parents be present?" *Emergency Medicine Magazine*, 1996.
- "Parental presence has been shown to reduce anxiety in some of the children." *Anesthesiology News*, September 1996, pp. 4.
- "Premedication Usage in the U.S." *Anesthesiology News*, February 1997, pp. 1.
- "Surveys show parturients want complete information on risks related to anesthesia." *Anesthesiology News*, March 1997, pp. 38.
- "New ways to treat child's pain." *The New York Times*, June 21, 1997, pp C11.
- "Premedication for pediatric outpatient surgery placates both patient and parent." *Anesthesiology News*, April 1998, Vol 24, pp 5-6.
- "Kid patients fare better with sedative, study says." *New Haven Register*, February 18, 1998, pp A3-4.
- "Calming children before surgery". *USA Today*. February 1998.
- "Preparing Children for Surgery". TV Interview, estimated 5 million viewers in 12 states (CBS, NBC, Fox).
- "Now, buffer the little children". *Daily News*. April 20, 1998.
- "Treating children's pain still a relatively new issue". *The Times Union*. April 28, 1998.
- "Preop Prep program reduces anxiety in children and parents." *Anesthesiology News*, June 1998, Vol 24, pp 28-29.
- "Kids and Surgery." *Time*, June 7, 1999.
- "Preoperative sedatives helps children prior to surgery". [WWW.Doctors Guide.Com](http://WWW.DoctorsGuide.Com)
- "Auricular Acupuncture Effective in Treating Anxiety". May 2001 edition *Acupuncture Today*.
- "Anxiety can stop recovery in children undergoing surgery". *USA Today*. Dec 22, 2002
- "Easing kids fears in the operating rooms". *MSNBC* Dec 22, 2002
- "Terror in anesthesia harm children". AP Report. SunSpot.Net, Jan 12 2002
- "Easing kids fears in the operating room". *NY Daily News*, Dec 22, 2003
- "Doctor links kids recovery to anxiety". *Yahoo News*. Dec 22 2002.
- "Anesthesia methods upset doctor". *The Morning News*. Dec 25 2002
- "Anxiety about anesthesia". *The Missourian*, 04/30/2003
- "Easing kids fear about anesthesia". *Jefferson City Tribune*. 03/22/2003
- "Easing kids fear about anesthesia". WWW.Stopgettingsick.com 04/12/2003
- "Music in the operating room". *Bottom Line/Health*, Stamford, 10/15/2005

