

## **CURRICULUM VITAE**

**NAME:** Jacques E. Chelly, MD, PhD, MBA

**BIRTH DATE:** 09-03-49

**HOME ADDRESS:** 631 Pitcairn Place  
Pittsburgh, PA 15232

**BIRTHPLACE:** France

**HOME PHONE:** 412-622-0256

**CITIZENSHIP:** USA

**BUSINESS ADDRESS:** UPMC Presbyterian-Shadyside Hospital  
Department of Anesthesiology  
Posner Pain Center  
532 South Aiken Avenue, Suite 407  
Pittsburgh, Pennsylvania, 15232

**PRESENT POSITION:** Professor of Anesthesiology (with Tenure) and Orthopedic Surgery  
Vice Chair of Clinical Research  
Director of the Division of Regional Anesthesia and Acute  
Interventional Perioperative Pain  
Director of Regional Fellowship  
Director of Orthopedic Anesthesia Fellowship  
Department of Anesthesiology  
University of Pittsburgh Medical Center  
Director Acute Interventional Perioperative Pain  
UPMC Shadyside Hospital

**E-MAIL ADDRESS:** [chelje@anes.upmc.edu](mailto:chelje@anes.upmc.edu)

**BUSINESS PHONE:** (412) 623-4135

**BUSINESS FAX:** (412) 623-4188

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## **EDUCATION AND TRAINING**

### **UNDERGRADUATE:**

1970

B.S., Mont-Rouge College, Paris, France

**GRADUATE:**

- 1971 – 1976 M.D., Necker-Enfants Malades Medical School, Paris, France
- 1974 – 1979 M.S. (Pharmacology), Lariboisière-St. Louis Medical School, Paris, France
- 1981 – 1985 Ph.D. (Pharmacology), the University of Houston, Houston, Texas
- 1990 – 1992 M.B.A., the University of Houston, Houston, Texas

**POSTGRADUATE:**

- 1976 – 1979 Anesthesiology and Intensive Care Residency  
Broussais Hospital, Paris, France
- 1979 Anesthesiology and Intensive Care Board, René Descartes University,  
Paris, France

**APPOINTMENTS AND POSITIONS**

**ACADEMIC:**

- 1975 – 1976 Department of Biochemistry                      Attaché Assistant des Universités  
Necker-Enfants Malades Medical  
School Paris, France
- 1976 – 1977 Department of Pharmacology                      Attaché Assistant des Universités  
Broussais-Hôtel-Dieu Medical  
School Paris, France
- 1977 – 1980 Department of Pharmacology                      Assistant des Universités de  
Department of Anesthesiology                      Hôpitaux de Paris  
Broussais-Hôtel-Dieu Medical  
School Paris, France
- 1980 – 1986 Department of Pharmacology                      Chef de Travaux des Universités  
Department of Anesthesiology                      Assistant des Hôpitaux de Paris  
Broussais-Hôtel-Dieu Medical  
School Paris, France
- 1987 – 2001 Department of Pharmacology                      Maître de Conférences des  
Département of Anesthésiologie                      Universités Assistant des Hôpitaux  
Broussais-Hôtel-Dieu Médical                      de Paris

|             |   |   |
|-------------|---|---|
| 1980 – 1981 | Department of Pharmacology<br>The University of Houston<br>Houston, Texas   | Visiting Associate Professor  |
| 1981        | Department of Anesthesiology<br>Baylor College of Medicine<br>Houston, Texas  | Lecturer  |
| 1982        | Department of Anesthesiology<br>Baylor College of Medicine  | Research Instructor   |
| 1982 – 1986 | Department of Anesthesiology<br>Baylor College of Medicine  | Research Assistant Professor  |
| 1985        | Liste d' Aptitude aux Fonction  | Section Pharmacologie   |
| 1986        | Department of Anesthesiology<br>Department of Medicine, Section<br>of Hypertension and Clinical<br>Pharmacology Department of<br>Pharmacology Baylor College of<br>Medicine, Houston, Texas | Associate Professor with Tenure   |
| 1987 –1989  | Department of Anesthesiology<br>Section of Hypertension and<br>Clinical Pharmacology<br>Department of Pharmacology<br>Baylor College of Medicine,<br>Houston, Texas                         | Adjunct Associate Professor,<br>Associate Professor,<br>Department of Medicine                                |
| 1989 –1992  | Department of Anesthesiology;<br>Department of Pharmacology<br>The University of Texas<br>Health Science Center at Houston  | Professor,<br>Director of the Division of<br>Clinical Pharmacology  |
| 1992- 1997  | Department of Anesthesiology<br>The University of Texas<br>Health Science Center at Houston<br>Houston, Texas   | Professor, Director of Clinical<br>Research   |
| 1997- 2002  | Department of Anesthesiology<br>The University of Texas Medical<br>Health Science Center at Houston,<br>Houston, Texas  | Director of Orthopedic Anesthesia<br>Director of the International Center<br>for Regional Anesthesia Research |
| 2002-2003   | Department of Anesthesiology<br>University of Pittsburgh School of<br>Medicine, Pittsburgh, PA  | Visiting Professor, Vice Chair of<br>Clinical Research,   |

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|--------------|---|---|
| 2002-Present | Department of Anesthesiology<br>University of Pittsburgh School<br>of Medicine, Pittsburgh, PA      | Professor with tenure,<br>Vice Chairman of Clinical Research<br>Rotation Director, Regional<br>Anesthesia/Acute Pain Service<br>UPMC Shadyside hospital |
| 2003-Present | Department of Orthopaedic Surgery<br>University of Pittsburgh School of<br>Medicine, Pittsburgh, PA | Professor of Orthopaedic Surgery<br>(Secondary Appointment)   |
| 2004-Present | Department of Anesthesiology<br>University of Pittsburgh School of<br>Medicine, Pittsburgh, PA      | Director of the Regional Anesthesia<br>Fellowship   |
| 2005-Present | Department of Anesthesiology<br>University of Pittsburgh School of<br>Medicine, Pittsburgh, PA      | Director of the Orthopedic<br>Anesthesia Fellowship   |
| 2007-Present | UPMC Shadyside Hospital<br>Department of Anesthesiology<br>Pittsburgh, Pennsylvania                 | Director, Division of Regional<br>Anesthesia & Acute Interventional<br>Perioperative Pain   |

**NON-ACADEMIC:**

**PHARMACEUTICAL INDUSTRY:**

|             |                             |   |
|-------------|-----------------------------|---|
| 1987 – 1988 | American Cyanamid (Lederle) | Associate Director of Research and<br>Development       |
| 1988 – 1989 | American Cyanamid (Lederle) | Deputy Director and<br>Director of European Development |

**HOSPITAL APPOINTMENTS:**

|             |   |   |
|-------------|---|---|
| 1977 – 1980 | Broussais Hospital, Paris France<br>Broussais Hospital, Paris, France | Attending Cardiac Anesthesiologist,   |
| 1989 – 1990 | Herman Hospital, Houston TX   | Attending Anesthesiologist  |
| 1991 – 1993 | Hermann Hospital  | Director of Clinical Research   |
| 1998 – 2002 | Memorial-Hermann Hospital<br>Houston, Tx                              | Attending Anesthesiologist,<br>Director of Orthopaedic Anesthesia<br>and Orthopaedic Acute Pain Service |

|              |  |   |
|--------------|--|---|
| 2002-Present | UPMC Shadyside Hospital<br>Department of Anesthesiology<br>Pittsburgh, Pennsylvania    | Attending Anesthesiologist,<br>Director of Acute Interventional<br>Perioperative Pain Service |
| 2002-2011    | UPMC Shadyside Hospital<br>Department of Anesthesiology<br>Pittsburgh, Pennsylvania    | Director of Orthopaedic Anesthesia  |
| 2006-2011    | UPMC Presbyterian Hospital<br>Department of Anesthesiology<br>Pittsburgh, Pennsylvania | Attending Anesthesiologist<br>Director of Acute Interventional<br>Perioperative Pain Service  |
| 2007-2008    | UPMC Magee Hospital<br>Department of Anesthesiology<br>Pittsburgh, Pennsylvania        | Director of Acute Interventional<br>Perioperative Pain Service                                |

**RESEARCH APPOINTMENTS:**

|                |  |  |
|----------------|--|--|
| 1980 – 1987    | Department of Anesthesiology<br>Baylor College of Medicine<br>Houston, Texas   | Director, Cardiovascular Anesthesia<br>Research Laboratory |
| 1992 – 2002    | Director, Cardiovascular<br>Anesthesia Research Laboratory<br>Department of Anesthesiology<br>The University of Texas Medical<br>School at Houston. Houston, Texas | Director of Clinical Research                              |
| 2002 – Present | Department of Anesthesiology<br>University of Pittsburgh School of<br>Medicine Pittsburgh, Pennsylvania  | Vice Chairman of Clinical Research                         |

**SERVICE:**

**UNIVERSITY AND MEDICAL SCHOOL**

**Institutional:**

**The University of Texas Medical School at Houston:**

|             |   |
|-------------|---|
| 1990 – 1994 | Committee for the Protection of Human Subjects                |
| 1990 – 1994 | Radioactive Drug Research Committee                           |
| 1992 – 1993 | Scientific Advisory Committee of the Clinical Research Center |
| 1990 – 1995 | United States Pharmacopeial Convention Delegate               |

**Departmental – Anesthesiology, University of Texas at Houston:**

|             |   |
|-------------|---|
| 1989 – 2002 | Chairman, Clinical Research Advisory Committee<br>Departmental Research Advisory Committee<br>Departmental Operations Committee<br>Departmental Promotion and Tenure Committee<br>Resident Research Award Committee |
| 2000 – 2002 | Senate Faculty Committees   |

**Hermann Hospital**

|             |  |
|-------------|--|
| 1989 – 1992 | University Hospital Consortium Technology Advancement Center Liaison |
| 1991 – 1992 | University Hospital Consortium Liaison                               |
| 1991 – 1992 | Technology Assessment Committee                                      |
| 2000 – 2002 | Chairman, Protocols Task Force Committee                             |
| 2000 – 2002 | Memorial Hermann Healthcare System Pain Management Team              |
| 2001 – 2002 | Memorial Hermann Hospital Pharmacy and Therapeutics Committee        |
| 2001 – 2002 | Memorial Hermann Orthopedic Surgery Service Committee                |

**Departmental – Anesthesiology, University of Pittsburgh School of Medicine**

|                |  |
|----------------|--|
| 2002 – Present | Executive Steering Committee             |
| 2002 – Present | Scientific Affairs Committee             |
| 2002 – Present | Seed Grant Committee                     |
| 2002 – Present | Merit Matrix Evaluation Committee        |
| 2002 – Present | Appointment Committee                    |
| 2002 – Present | Promotion and Tenure Committee           |
| 2002 – Present | Anesthesia Resident Education Committee  |
| 2006 – Present | Scientific Affairs Committee (Chair)     |
| 2005 – Present | Risk Management Review Committee (Chair) |
| 2012 – Present | Academic Committee                       |

**Institutional – University of Pittsburgh Medical Center Health System**

2002 – 2010            Clinical Research Steering Committee  
2013 – 2016            Committee for Tenured Faculty Promotions and Appointments  
2015 -                    Institutional Data and Safety Monitoring Board (IDSMB)  
                                 Committee (Chair)

**UPMC Hospitals, Pittsburgh, PA**

2002 – Present        Member of the Pain Management Committee – Shadyside Campus  
2003 – Present        Member of th P&T Committee – Shadyside Campus  
                                 Member of the Pain Management Council – Presbyterian Campus  
2006 - Present        Chair of the Pain Management Council – Shadyside Campus  
                                 Member of the P & T Committee – Presbyterian Campus  
2010- Present        Member of the P & T Committee – Passavant Campus  
  
2014- Present        Member of the system P7T Committee – Section Pain  
  
2015-                    Co-Chair of the Urban Pain Council Committee

**TEACHING:**

1997 – 2002            Director of the Orthopedic Anesthesia Rotation, Department of  
                                 Anesthesiology, University of Texas at Houston, Houston, Texas  
  
1997 – 2002            Director of the Regional Anesthesia Rotation, Department of  
                                 Anesthesiology, University of Texas at Houston, Houston, Texas  
  
1989 – 2002            Junior Faculty Mentor Program, Department of Anesthesiology,  
                                 University of Texas at Houston, Houston, Texas:  
                                 Marie-Francoise Doursout, Ph.D.  
                                 Rogers Kent  
                                 Heiner Hysing, MD, PhD  
                                 Bernard Jean-Marc  
                                 Wouters Patrick  
                                 Kashimoto sashi  
                                 Ogushi Tashi  
                                 Lechevallier Thierry  
                                 Carin Hagberg, M.D.  
                                 Davidson Elie  
                                 Delaunay Laurent  
                                 Heiner Hysing, MD, PhD

Jennifer Greger, M.D.  
Ralf Gebhard, M.D.  
Maria Matuszczak, M.D.  
Mary Rabb, M.D.  
Didier Sciard, M.D.

University of Pittsburgh:

Germain-Lacour Alix, PharmD  
Ménard Timothé PharmD  
Stéphanie Servagent PharmD  
Caroline Chatard-Baptiste PharmD  
Anne-Sophie Auroux, PharmD  
Jouguelet-lacoste, PharmD  
Moreno Milena, MD  
Fanelli Andrea, MD  
Ghisi Daniela, MD  
Lacolla Luca, MD  
Albani Filippo, MD  
Bu Méryl, PharmD

2002-present      Director of the Junior Faculty Mentor Program, Department of Anesthesiology,  
University of Pittsburgh School of Medicine

2003-2010        Director of the Regional Anesthesia/Acute Pain Resident Rotation, UPMC  
Shadyside Hospital, & Department of Anesthesiology, University of Pittsburgh  
School of Medicine, Pittsburgh, PA

2005-present     Director of the Regional Fellowship program, UPMC Shadyside Hospital, &  
Department of Anesthesiology, University of Pittsburgh School of Medicine,  
Pittsburgh, PA

**DEAN'S TEACHING EXCELLENCE AWARD:**

1998 – 2001      The University of Texas Medical School at Houston, Department of  
Anesthesiology

**CERTIFICATION AND LICENSURE**

|                   |          |
|-------------------|----------|
| USMLE Part I      | 06/11/97 |
| USMLE Part II     | 08/27/97 |
| USMLE Certificate | 10/31/97 |
| USMLE Part III    | 05/1998  |



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|--|----------------|
| License #VP-89-21, visiting professor, Texas     | 1989 – 1990    |
| License #TF-93-13, institutional-teaching, Texas | 1993 – 1997    |
| License #K5483, unrestricted, Texas              | 1998 – Present |
| License #MD417094, unrestricted, Pennsylvania    | 2001 – Present |

**REVIEWER FOR SCIENTIFIC JOURNALS:**

|               |   |
|---------------|---|
| 1986-1994     | Journal of Pharmacology and Experimental Therapeutics<br>American Journal of Physiology<br>Journal of Cardiovascular Pharmacology |
| 1987-present  | Anesthesiology<br>Journal of Hyperthermia   |
| 1990-1994     | Editorial Board Member, Journal of Cardiovascular Pharmacology  |
| 2000-2002     | Circulation   |
| 2002-present  | Journal of Clinical Anesthesia<br>Anesthesia and Analgesia  |
| 2006          | Guest Editor, Anesthesia & Analgesia<br>Journal of Pain   |
| 2008          | Journal of the American Geriatrics Society  |
| 2009-2011     | Editor, Anesthesiology Research and Practice  |
| 2012- present | Pain Medicine<br>Editor, Pain and Therapy   |
| 2013-2014     | Section Editor, Regional Anesthesia<br>Current Opinion in Anesthesiology  |
| 2013-present  | Member, Editorial Board<br>Acute and Perioperative Pain Section<br>Pain Medicine Journal  |
| 2015-present  | Section Editor, Anesthesia, Journal of Clinical & Medical Case Reports  |
| 2015-present  | Editorial Board Member, Austin Journal of Orthopedics & Rheumatology  |
| 2015-present  | Editorial Board Member, Journal of Clinical & Experimental Orthopaedics   |

**NATIONAL & FEDERAL AWARDED GRANTS:**

**Basic**

|             |   |
|-------------|---|
| 1984 – 1985 | Interaction of verapamil and clinical anesthetics in dogs. American Hearing Association, Texas Affiliate, PI; \$25,000.00.  |
| 1991 – 1996 | Ultrasonic instrumentation for cardiovascular studies. National Heart, Lung and Blood Institute. Consultant; \$1,100,512.00.  |
| 1992 – 1993 | Hemodynamic Effects of n-methyl-l-arginine (L-NMA), an inhibitor of nitric oxide synthesis on TNF, endotoxin, interleukin II, inhalational anesthetics-induced vasodilation in dogs. M.D. Anderson. Co-PI; \$23,000.00. |
| 1996 – 2001 | Ultrasonic instrumentation for cardiovascular studies. National Heart, Lung and Blood Institute; Consultant. \$1,200,301.00.  |

**Clinical**

2009 – 2011 Preliminary Studies for Whole Genome Association Study (WGAS) in Acute Perioperative Pain. NIH/NIDCR08PC10039; PI; \$500,000

**Other Research Related Activities**

**National Institutes of Health**

Reviewer, Special Study Section RFA AG-89095 "Aging and Pharmacology" Meeting; July 23-24, 1990

**SPONSORED CLINICAL GRANTS:**

- 1978 – 1988 Effects of cimetidine on the stress-induced ulcer. [French] SK&F; Co –PI Hospital Broussais, Paris, France; FF 90,000
- 1979 Hemodynamic properties of flunitrazepam. [French] Burroughs Wellcome Co., Co-PI; Hospital Broussais, Paris, France; FF 30,000
- 1980 Hemodynamic properties of diltiazem after cardiac surgery. [French] Synthe Lab, Hopital Broussais, Paris, France, PI; FF 120,000
- Hemodynamic properties of bepridil after cardiac surgery. [French] Hopital Broussais, Paris, France, PI; FF 80,000
- 1986 A double-blind, multicenter, placebo-controlled, parallel study to compare the safety and efficacy of four dose levels of CGS 14824A in patients with mild to moderate essential hypertension. Ciba-Geigy, Ltd., Co-PI; \$26,250.00.
- Combination therapy of terazosin and verapamil in the treatment of essential hypertension – a pilot study. Abbott Laboratories, Co-PI; \$21,226.00.
- Effects of acute intravenous nicardipine in mildly hypertensive post-operative patients – A pilot study. American Critical Care, Co-PI; \$24,631.00.
- Mechanism of cardiovascular action of the antidepressant drug U-48, 753E. Upjohn Company, Co-PI; \$45,000.00.
- 1986 – 1987 A six-month, open-label, randomized, multicenter study to compare the renal safety and efficacy of ultradol 200 mg bid and indocin up to 50 mg tid in patients with degenerative joint disease (DJD). Ayerst Laboratories; \$15,015.00.

- A study of the effects of lower body negative pressure on event-related brain potentials and associated autonomic physiology in normal and dysautonomic subjects. Baylor College of Medicine, Co-PI
- 1986 – 1988 Comparison of once-daily zofenopril and hydrochlorothiazide with or without nadolol in the treatment of essential hypertension. E.R. Squibb and Sons. Co-PI; \$21,216.00.
- 1986 – 1987 Effects of Abbott-61589 on airway resistance in patients with asthma. Abbott Laboratories, Co-PI; \$88,552.00.
- An open-label, 14-week, dose-titration study to evaluate the safety and efficacy of CGS 14824A plus HCTZ with or without hydralazine in the management of moderate to severe hypertension. Ciba-Geigy, Ltd., Co-PI; \$35,000.00.
- 1986 – 1988 A double-blind, multicenter, placebo-controlled, parallel study to evaluate the efficacy, safety and tolerability of CGS 14824A alone compared to hydrochlorothiazide or placebo, and the combination of CGS 14824A and hydrochlorothiazide during a 24-week double-blind treatment period followed by a 30-week open-label treatment period in patients with mild to moderate essential hypertension. Ciba-Geigy, Ltd., Co-PI; \$39,414.00.
- 1987 – 1988 A double-blind, randomized, parallel, placebo-controlled nine-week study to define the efficacy, safety, and tolerability of betaxolol in the treatment of patients with mild to moderate essential hypertension. Lorex Pharmaceuticals, Co-PI; \$26,418.00.
- 1990 – 1991 IV nicardipine bolus dosing regimen in patients with intraoperative and/or postoperative acute hypertension – A pilot dose-finding study. Du Pont Pharmaceuticals, PI; \$50,000.00.
- Effects of fosinopril compared to verapamil SR on the quality of life and hemodynamics in elderly hypertensive patients. Bristol and Squibb, PI; \$165,250.00.
- Prevention of post-operative nausea and vomiting: a randomized, double-blind, dose-range study of intravenous ondansetron in female patients undergoing surgical procedures on an ambulatory basis. GlaxoWellcome, PI; \$160,000.00.
- Evaluation of CP-80, 794, a renin inhibitor in patients with mild to moderate essential hypertension. Pfizer, PI; \$73,480.00.
- Phase-I/II clinical trial to evaluate the pharmacokinetics, safety, and immunogenicity of multiple doses of HA-IA human monoclonal antibody in high-risk surgical patients. Centocor, PI; \$50,000.00.
- Epidural clonidine for the treatment of pain associated with advanced cancer. Fujisawa; \$41,900.00.

- A double-blind, placebo-controlled study to determine the safety of r-HuEPO and whether r-HuEPO can reduce post-operative transfusion requirements in subjects undergoing major orthopedic surgery. R.W. Johnson; \$86,003.00.
- A clinical comparison of a transdermal fentanyl delivery system to fixed-interval intramuscular morphine for post-operative analgesia in hip replacement surgery. Anaquest; \$152,040.00.
- A clinical comparison of a transdermal fentanyl delivery system to fixed-interval intramuscular morphine for post-operative analgesia in cholecystectomy. Anaquest; \$80,060.00.
- Pivotal study of human MAB-T88 in patients with Gram-negative sepsis. Cetus; \$70,000.00.
- 1990 – 1995 A double-blind randomized study on the efficacy of oral tolrestat compared with placebo for the prevention of nephropathy in normotensive insulin-dependent diabetic patients with microalbuminuria. Wyeth Ayerst, PI; \$108,750.00.
- 1991 – 1992 Evaluation of morphine IV in a PCA device or ketorolac IV in postoperative patients. Syntex Laboratories, Co-PI; \$109,140.00.
- Evaluation of ketorolac, oxycodone plus acetaminophen and placebo in patients with postoperative orthopedic pain. Syntex Laboratories, Co-PI; \$88,000.00.
- Evaluation of the neuromuscular blocking effects and safety of ORG 9426 in patients undergoing surgery for caesarean section. Organon, Inc., PI; \$35,600.00.
- A multicenter study to assess patient benefits following post-operative administration of flumazenil in inpatients following general anesthesia. Hoffmann-LaRoche Laboratories, PI; \$41,600.00.
- A double-blind, multicenter study to compare the efficacy of intramuscular D.H.E. 45<sup>®</sup> (dihydroergotamine mesylate) and hydroxyzine hydrochloride to intramuscular meperidine and hydroxyzine hydrochloride in the treatment of acute migraine headaches in the emergency room setting. Sandoz Pharmaceuticals Corporation Co-PI; \$12,000.00.
- An international multicenter randomized, placebo-controlled study of the effect of continuous administration of aerosolized EXOSURF<sup>®</sup> in patients with sepsis-induced adult respiratory distress syndrome. Burroughs Wellcome, PI; \$110,000.00.
- Effect of intravenous RG-12915 in the treatment of postoperative nausea and vomiting: A randomized, double-blind, placebo-controlled, phase-II trial, Rhône Poulenc Rorer, PI; \$232,500.00.
- 1992 A clinical trial of oral NAVELBINE<sup>®</sup> for first- and second-line treatment of women 65 years of age or older with advanced breast cancer, Paraxel International Corporation, Co-PI; \$40,000.00.

- 1992 – 1993      A phase-III, randomized, open-label study to compare the safety, tolerability and recovery characteristics of sevoflurane versus halothane administered with nitrous oxide and oxygen in ASA class-I and -II pediatric patients undergoing ambulatory surgery. G.H. Besselaar Associates, PI; \$76,725.00.
- A phase-III, multicenter, open-label study to evaluate the effects of repeat exposures of sevoflurane in ASA class-I, -II and -III patients. G. H. Besselaar Associates, PI; \$102,465.00.
- A non-comparative, multicenter, safety, tolerance and efficacy study of parenteral piperacillin/tazobactam in the treatment of hospitalized pediatric patients with complicated skin and skin structure infections. American Cyanamid Company, Co-PI; \$59,928.00.
- A phase-III, multi-center, open-label, randomized, comparative study evaluating the use of sevoflurane versus isoflurane in the maintenance of anesthesia in elderly, ASA class I, II and III outpatients. Abbott Laboratories, Co-PI; \$125,000.00.
- 1993                Visiting Fellowship program. Pfizer Company, PI; \$6,000.00.
- 1993 – 1994      A double-blind, parallel, multicenter study comparing the efficacy and safety of intravenous granisetron hydrochloride (40 mcg/kg) with oral granisetron (1 mg bid) in the prophylaxis of nausea and emesis induced by cisplatin-based chemotherapy. SmithKline Beecham Pharmaceuticals, Co-PI; \$70,100.00.
- A phase-III, multicenter, open-label, randomized, comparative study evaluating the effect of sevoflurane versus isoflurane in adult ASA class II, III and IV in patients who are at risk for myocardial ischemia and are undergoing elective non-cardiac surgery, PI; Abbott Laboratories \$125,000.00.
- A randomized, double-blind, placebo-controlled, dose-response trial to assess single dose intravenous dolasetron mesylate in patients experiencing post-operative nausea and vomiting. Marion Merrell Dow, Inc., PI; \$191,420.00.
- A randomized, double-blind, placebo-controlled, dose-response trial to assess single-dose intravenous dolasetron mesylate in preventing post-operative nausea and vomiting. Marion Merrell Dow, Inc., PI; \$259,800.00.
- 1994                A prospective, randomized, double-blind study to evaluate the use of a combination of bolus IV midazolam with low dose propofol vs. standard dose propofol lasting less than 2 hours. Hoffmann-LaRoche; PI; \$21,304.00.
- A prospective, randomized, double-blind study to evaluate the use of a combination of bolus IV midazolam and continuous infusion of propofol in outpatient diagnostic surgical procedures. Hoffmann-LaRoche; Co-PI; \$16,420.00.

- 1994 – 1995 A dose ranging safety and efficacy comparison of four dose levels of oral RS-25259 to placebo in the prevention of postoperative nausea and vomiting following laparoscopic procedures. Syntex; PI; \$161,250.00.
- 1995 – 1996 An evaluation of an instrument to assess patient satisfaction in patients with moderate to severe post-operative pain. Bio-Medical Research Group; PI; \$21,600.00.
- 1996 A double-blind comparison of bromfenac, acetaminophen with codeine and placebo in the treatment of pain following arthroscopic surgery of the knee. Wyeth-Ayerst; PI; \$53,940.00.
- 1996 – 1997 A double-blind, parallel group, placebo-controlled study in intravenous kytril (granisetron hydrochloride) in the treatment of post-operative nausea and vomiting in patients undergoing elective surgery with general anesthesia. SmithKline Beecham; PI; \$338,000.00.
- Midazolam plus flumazenil vs. inhalational anesthesia. Roche Laboratories; PI; \$52,980.00.
- Midazolam plus flumazenil vs. propofol sedation on recovery after breast biopsy. Roche Laboratories; PI; \$61,655.00.
- The efficacy and resource consumption of IV dolasetron mesylate to droperidol for prevention of nausea and vomiting following major outpatient gynecological surgery by laparoscopy. Hoechst Marion Roussel; PI; \$60,000.00.
- Knee surgery: a phase-III, multicenter, double-blind, randomized, placebo-controlled study evaluating the safety and efficacy of dexmedetomidine when used as an anesthetic adjunct. Abbott Laboratories. PI; \$60,000.00.
- 1997 Post operative pain management in patients undergoing major surgery after remifentanyl (ultiva) versus fentanyl anesthesia with isoflurane/nitrous oxide. GlaxoWellcome, Inc; Co-PI; \$18,000.00.
- The efficacy and safety of three single oral doses of midazolam syrup in pediatric patients. Hoffmann-La Roche, Inc; PI; \$125,496.00.
- The pharmacokinetics of midazolam and alpha-hydroxymidazolam following single-dose intravenous and oral investigational syrup administration in pediatric patients. Hoffmann-La Roche, Inc; PI; \$25,700.00.
- Recovery after general anesthesia with ultiva vs hypnotic-based fentanyl in patients undergoing outpatient arthroscopic orthopedic surgery. Glaxo Wellcome, Inc; Co-PI; \$45,000.00.
- An evaluation of a new supra-glottic airway device, the laryngeal seal airway (LSA) as compared to the laryngeal mask airway. Augustine Medical, Inc.; Co-PI; \$32,000.00.

- Multicenter, double-blind, parallel group study comparing the efficacy and the safety of mivazerol given as a 72-H continuous intravenous infusion according to 2 dose regimens to placebo in patients with coronary artery disease undergoing major non-cardiac surgery. PPD Pharmaco; PI; \$464,850.00.
- 1997 – 1998 The use of diaspirin cross-linked hemoglobin (DCLHb) for the avoidance or reduction of perioperative blood transfusions. Baxter Healthcare, Inc; PI; \$260,000.00.
- 1998 The safety and efficacy of electrotransport (E-Trans™) fentanyl compared to IV PCA morphine for the treatment of post-operative pain (FEN-USA-29) Jensen/Jensen, PI, \$63,000.00.
- Phase-II, double-blind, placebo-controlled study of CJ-13, 974 for treatment of postoperative pain in patients undergoing vaginal hysterectomy. Pfizer, Inc.; PI; \$124,700.00.
- Phase-II, double-blind, placebo-controlled study of CJ-11, 974 for the prevention of postoperative nausea and vomiting in patients undergoing abdominal hysterectomy. Pfizer, Inc.; PI; \$176,450.00.
- Comparison of Neutralase™ with protamine in patients undergoing coronary artery bypass graft surgery. Protocol No. NTL 03. IBEX; PI; \$42,000.00.
- A study to evaluate the safety of recombinant human hemoglobin (rHb1.1, 50-100 grams) when used for acute normovolemic hemodilution in patients undergoing cardiopulmonary bypass. Baxter; PI; \$173,000.00.
- The incidence of gastroesophageal reflux with the esophageal-tracheal COMBITUBE® as compared to the laryngeal mask airway: an analysis using tracheal and esophageal pH electrodes. Kendall Healthcare Products Co.; Co-PI; \$48,039.00.
- The safety and effects of Hemolink™ (o-raffinose cross-linked human hemoglobin) in patients undergoing coronary artery bypass surgery. Hemosol (USA), Inc.; PI; \$145,517.00.
- A randomized study of Ultiva® versus halothane in neonates and infants undergoing surgery for pyloric stenosis. GlaxoWellcome, Inc.; Co-PI; \$38,850.00.
- A multicenter, single-blind, active controlled, dose escalation study to evaluate the safety and efficacy of o-raffinose cross-linked human hemoglobin (Hemolink™) as a red blood cell substitute in patients undergoing Orthopaedic surgery. Hemosol (USA), Inc.; PI; \$115,000.00.
- Clinical protocol for a multicenter, double-blind, placebo controlled, randomized study of the analgesic efficacy, safety and tolerability of valdecoxib 40 mg QD over seven days in patients undergoing anterior cruciate ligament reconstruction. Pharmacia Corp., PI; \$82,414.00.

- 1999                      Comparison of Neutralase™ with protamine in patients undergoing coronary artery bypass graft surgery. Protocol No. NTL 04. IBEX, Inc.; PI; \$24,000.00.
- Hypothermia during intracranial aneurysm surgery. NIH; Co-Investigator; \$1,000,000.00.
- Double-blind, placebo-controlled, parallel-group comparison of the efficacy, opioid dose-sparing effects and safety of controlled-release oxymorphone (Numorphan® CR) and placebo in patients with post-surgical pain following knee arthroplasty. Endo Pharmaceuticals, Inc.; Co-PI; \$125,050.00.
- 2000                      Dexmedetomidine for orthopedic anesthesia. Abbott Laboratories, PI; \$37,973.00.
- An open evaluation of the safety and clinical utility of E-TRANS® (fentanyl) for the management of post-operative pain in elderly patients. ALZA Corporation, PI; \$151,600.00.
- Clinical protocol for a multicenter, double-blind, placebo controlled, randomized study of the analgesic efficacy, safety and tolerability of valdecoxib 40 mg QD over seven days in patients undergoing anterior cruciate ligament reconstruction. Pharmacia Corp., PI; \$82,414.00.
- 2000 – 2001              Phase-III, randomized, double-blind, controlled clinical trial to evaluate the efficacy and safety of Hemolink™ (o-raffinose cross-linked human hemoglobin) in patients undergoing primary coronary artery bypass grafting surgery. Hemosol, Inc.; PI; \$307,255.00.
- 2000 – 2002              An open evaluation of safety and clinical utility of E-TRANS® (fentanyl) for the management of post-operative pain in children and adolescents. ALZA Corporation, PI; \$187,731.00.
- An open evaluation of the safety and clinical utility of e-trans fentanyl for the management of postoperative pain in the home environment. ALZA Corporation, PI; \$149,725.00.
- Multi-center, randomized, double-blind, placebo-controlled, parallel-group, dose ranging comparison of the analgesic efficacy and safety of numorphan® IR (oxymorphone HIC immediate release), percolone and placebo in patients with post-surgical pain following orthopedic total hip and knee replacement. Endo Pharmaceuticals, Inc., PI; \$123,125.00.



- 2001 – 2002      Revised clinical protocol for a multicenter, double-blind, randomized study of the efficacy and safety of a single dose of IV parecoxib sodium followed by up to seven days of oral valdecoxib for the pain following laparoscopic cholecystectomy, parecoxib IND #52,613, valdecoxib IND #52,153. G.D. Searle & Co., PI; \$96,000.00.
- A randomized, double-blind, placebo controlled trial of the effect of rofecoxib 50 mg and hydrocone 7.5 mg with acetaminophen 750 mg in patients with postoperative arthroscopic pain. Merck & Co., Inc., PI; \$110,800.00.
- 2002 – 2003      A multiple-dose randomized, double-blind, multicenter study of the analgesic efficacy of the dosing regimen of parecoxib sodium compared to placebo in patients for the treatment of post-surgical pain from orthopedic surgery; Pharmacia & UpJohn; PI; \$64,000.00.
- A randomized, double-blind, parallel group, placebo controlled, pilot dose-ranging study of intravenous kytril in the prevention of post-operative nausea and vomiting in subjects undergoing abdominal hysterectomy. Roche Laboratories, Inc.; PI, \$62,025.00.
- Clinical protocol for a double-blind, multicenter study of the safety and efficacy of parecoxib followed by valdecoxib compared to placebo in general surgery patients for the treatment of post-surgical pain; Pharmacia & UpJohn; Co-Investigator; \$94,000.00.
- 2003              Pre-emptive Analgesic Properties of rofecoxib (VIOXX) a COX-2 inhibitor in patients undergoing breast surgery. Merck Pharmaceuticals, Co-Investigator, \$50,000.00.
- A Prospective, Randomized, Double-Blind Study of Granisetron (Kytril) Plus Dexamethasone Versus Ondansetron (Zofran) Plus Dexamethasone in the Prevention of Post-Operative Nausea and Vomiting (PONV) in Patients Undergoing Hysterectomy. Roche Laboratories, Inc.; PI, \$84,430.00.
- A Retrospective Chart Review of Acute Pain Service Orthopedic Patients to determine which NSAID/COX-2 is prescribed at time of patient discharge. Pfizer, PI, \$50,000.00.
- A Randomized, Double-Blind, Active Comparator-Controlled, Parallel Group Study, Conducted Under In-House Blinding Conditions, to Determine the Safety, Tolerability, and Efficacy of 2 Doses of Aprepitant for the Prevention of Postoperative Nausea and Vomiting. Merck, PI, \$100,019.00.
- 2004              Multi-center, Double Blind, Randomized, Placebo-Controlled, Multiple Dose Study of the Analgesic Efficacy and Safety of Acetaminophen Injection 1 G. vs. Placebo for Pain Following Primary Total Hip Arthroplasty. Bristol Myers Squibb, PI, \$86,500.

Comparison of the Safety and Efficacy of Patient Controlled Analgesia Delivered by Fentanyl HCl Transdermal System Versus Morphine IV Pump for Pain Management after Primary Unilateral Total Hip Replacement. Ortho-McNeil Pharmaceutical, Inc., PI, \$115,850.00.

Randomized, Double-Blind, Placebo-and Active-Control, Single-and Multiple-Dose Evaluation of the Analgesic Efficacy and Safety of Oxymorphone Immediate Release (IR) Tablets in Patients with Moderate/Severe Pain Following Abdominal Surgery. ENDO Pharmaceuticals Inc., PI, \$268,825.00.

2005 A Randomized, Double-Blind, Active Comparator-Controlled, Parallel-Group Study, Conducted Under In-House Blinding Conditions, to Examine the Safety, Tolerability, and Efficacy of 2 Doses of Aprepitant for the Prevention of Postoperative Nausea and Vomiting. Protocol 091-01. Merck & Co., PI, \$112,000.00.

2006 A Phase III, Randomized, Parallel Group, Double-Blind, Active Controlled Study to Investigate the efficacy and safety of two different does regimens (75mg day 1 followed by 150 mg day 2-completion, and 110 mg day 1 followed by 220 mg day 2-completion) of dabigatran etexilate administered orally (capsules), compared to enoxaparin 30 mg twice a day subcutaneous for 12-15 days in prevention of venous thromboembolism in patients with primary elective total knee replacement surgery. (RE-MOBILIZE). Boehringer Ingelheim Pharmaceuticals, Inc. PI, \$219,875.00.

A Multi-center, Randomized, Double-Blind, Placebo-Controlled, Parallel Design, 2-Arm Study to Investigate the Effect of Aprotinin on Transfusion Requirements and Blood Loss in Patients Undergoing Elective Primary Hip Replacement Surgery. Bayer Pharmaceuticals Corporation, PI, \$400,000.00.

A Randomized, Double-Blind, Multicenter, Parallel Group, Balanced, Stratified, Phase 3 Study to Evaluate the Efficacy and the Safety of Single IV Doses of Palonosetron 0.025 mg, 0.050 mg, and 0.075 mg versus Placebo In Outpatients to Prevent Post-Operative Nausea and Vomiting Following Elective Abdominal or Gynecological Laparoscopic Surgery. Helsinn Healthcare SA, PI, \$77,500.00.

Multicenter, open label, phase III to evaluate the efficacy and safety of ORG25969 when used at the end of surgical procedure to reverse the neuromuscular block induced by rocuronium following routine anesthesia. Organon, Co-Inv, \$50,000.00.

A Multi-Center, Randomized, Double-Blinded, Placebo-Controlled, Parallel Design, 2-Arm Study to Investigate the Effect of Aprotinin on Transfusion Requirements in Patients Undergoing Surgical Procedures for Lung Cancer or Esophageal Cancer, Bayer, PI, \$145,702.00.

A Multi-Center, Randomized, Double-Blinded, Placebo-Controlled, Parallel Design, 2-Arm Study to Investigate the Effect of Aprotinin on Transfusion Requirements in Patients with bladder cancer undergoing radical or total cystectomy, Bayer Pharmaceuticals Corporation, PI, \$149,852.00.

Multicenter, open label, phase IIIa to evaluate the efficacy and safety of ORG25969 when used at the end of surgical procedure to reverse the neuromuscular block induced by rocuronium following routine anesthesia in elderly, Organon, Co-Inv, \$293,500.00.

A Phase III, multicenter, randomized, double blind, placebo controlled, three arm parallel group study to evaluate the safety and efficacy of Oral Dosing with the Neurokinnin-1 receptor antagonist GW679769 at 150mg for three Consecutive Days for the prevention of postoperative nausea and vomiting in female subjects at high risk of Emesis, Glaxo Smith Kline, Co-Inv, \$104,825.00.

2007

A Multicenter, randomized, parallel group, comparative, active controlled, safety-assessor blinded, phase IIIa trial in adult subjects comparing recovery from 1.2 mg.kg rocuronium followed by 16 mg.kg Org 25969 at 3 minutes with recovery from 1.0 mg.kg succinylcholine, Organon, Co-Inv, \$233,500.00.

Phase III, Double-Blind, Randomized, Parallel-Group, Placebo-Controlled Study of Intravenous Methylnaltrexone (MNTX) in the Treatment of Post Operative Bowel Dysfunction, Progenics, PI, \$182,513.00.

An Open-Label, Multicenter, Randomized, Controlled Study to Evaluate Efficacy and Safety of PROCRT in subjects Undergoing Elective Major Abdominal and/or Pelvic Surgery, Ortho Biotech, PI, \$159,745.00.

A Phase 3, Randomized, Double-blind, Placebo Controlled, Two-Arm Parallel, Multi-center Study Evaluating the Efficacy and Safety of Dexmedetomidine in the Prevention of Postoperative Delirium in Patients Undergoing Surgery for Fractured Hip with General Anesthesia, Hospira, PI, \$265,825.00

A Phase 3, Randomized, Double-blind, Placebo Controlled, Two-Arm Parallel, Multi-center Study Evaluating the Efficacy and Safety of Dexmedetomidine in the Prevention of Postoperative Delirium in Patients Undergoing Heart Surgery with Cardiopulmonary Bypass, Hospira, PI, \$340,870.00.

- A Multicenter, Double-Blind Randomized, Placebo Controlled Study of the Efficacy and Safety of Pregabalin in the Treatment of Subjects with Post-Operative Pain Following Total Knee Arthroplasty (TKA), Pfizer, PI, \$418,780,00.
- 2008-2009 A Multi Dose, Randomized, Double-Blind Multicenter Study of the Efficacy and Safety of Pregabalin Compared to Placebo in the Treatment of Patients with Post-Surgical Pain from Hysterectomy, Pfizer, PI, \$144,630.00.
- A Multi-center, Randomized, Parallel group, Comparative, Active controlled, safety-assessor Blinded, Anesthesiologist TOF Watch SX blinded trial comparing ratio at time of tracheal extubation using 4 mg.kg sugammadex administered at 1-2 PTCs or better after the last dose of rocuronium bromide to 50 g.kg neostigmine administered as per standard of care in adult subjects undergoing elective open abdominal procedures requiring neuromuscular blockade reversal, Organon, Co-Inv, \$173,800.00.
- A Multi Dose, Randomized, Double-Blind Multicenter Study of the Efficacy and Safety of Pregabalin Compared to Placebo in the Adjuvant Treatment of patients with Post-Surgical Pain After Primary Inguinal Hernia Repair, Pfizer, PI, \$288,000.00.
- A Randomized, Multi-center, Double-blind, Placebo Controlled study of the Safety and Analgesic Efficacy of Repeated Dosing of PMI-150 (intranasal Ketamine) to Treat Acute Post-operative Pain Following Orthopedic Trauma, Injury or Surgery, Javelin, PI, \$222,000.00.
- An Open-Label, Multi-Dose, Multiple-day, Non-Randomized, Single-Arm Safety Study of Repeat-dosed of DIC075V (Intravenous Diclofenac Sodium) in Patients with Acute Post-Operative Pain, Javelin, PI, \$526,500.00.
- 2009-2011 A Phase III Randomized, Double-Blind, Placebo and Active-Comparator-Controlled, Multiple-Dose, Clinical Trial to Study the Safety and Efficacy of MK-0663/Etoricoxib and Ibuprofen in the Treatment of Postorthopedic Knee Replacement Surgery Pain, Merck, PI, \$139,460.00.
- 2010 A Prospective Randomized Trial of an Oral PCA Device versus SOC Delivery of as Needed Oral Pain Medications Following Total Hip Arthroplasty, Avancen, PI, \$76,364.00.
- 2012 A Multicenter, Randomized, Single-blind, Active-controlled, Parallel Group, Phase II Study to Evaluate the Efficacy, Safety, and Tolerability of a Single Intravenous (6 mg, 12 mg, 18 mg, 24 mg or 36 mg) Dose of the Neurokinin-1 Receptor Antagonist, Vestipitant (GW597599), Compared with a Single 4 mg Intravenous Ondansetron Hydrochloride Dose for the Treatment of

Breakthrough Post-Operative Nausea and Vomiting after Failed Prophylaxis with an Ondansetron-Containing Regimen in Patients Undergoing Non-Emergency Surgical Procedures, GSK/Aptiv Solutions, PI, \$55, 719.

2013-2014 A Multicenter, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled, Dose Ranging Study to Evaluate the Safety, Efficacy, and Pharmacokinetics of Single Injection Femoral Nerve Block with Liposome Bupivacaine for Postsurgical Analgesia in Subjects Undergoing Total Knee Arthroplasty, Pacira Pharmaceuticals, Inc, CO-Inv, \$114,588.00.

A Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial to Evaluate the Efficacy and Safety of the Sufentanil NanoTab PCA System/15 mcg for the Treatment of Post-Operative Pain in Patients after Knee or Hip Replacement Surgery, AcclRX Pharmaceuticals, Inc, CO-Inv, \$170,202.50

2015 A Phase II, Dose-escalating, Randomized, Double-blind, Multicenter Study to Evaluate the Efficacy, Safety and Systemic Exposure of MDT-10013 plus Routine Care versus Routine Care Alone in the Treatment of Acute Postoperative Pain Following Total Knee Arthroplasty, Medtronic. PI \$89,028

Assessing the Association between Patients' Perceptions of Success with Post-Operative Pain Management and Overall Experience with Care, The Medicines Company, PI \$40,000

A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Adaptive Design Study Evaluating The Analgesic Efficacy and Safety of Intravenous CR845 In Patients Undergoing Abdominal Surgery, Cara Therapeutics, Inc., PI (negotiated)

**Pharmaco-economic Grants:**

1991 Retrospective pharmacoepidemiologic evaluation of ceftazidime prescribing in the elderly. Glaxo, PI; \$2,000.00.  
Retrospective review of treatment of community acquired pneumonia. Glaxo, PI; \$1,500.00

### Basic Pharmacology Grants

|             |   |
|-------------|---|
| 1983 – 1984 | Biomedical Research Support Grant – Hemodynamic interactions of inhalation anesthetics and verapamil in chronically instrumented dogs. PI; \$10,000.00.   |
| 1984 – 1985 | Hemodynamic effects of nicardipine in conscious dogs. Sandoz Laboratory, PI; \$25,103.00.<br>Hemodynamic properties of DP-105 in conscious dogs. Norwich Pharmaceutical Co., Co-PI; \$20,000.00.<br>Hemodynamic properties of fentanyl in conscious dogs. Janssen Pharmaceutical Inc., Co-PI; \$5,818.00. |
| 1985 – 1986 | Hemodynamic properties of BT-201 in conscious hypertensive dogs. Boehringer Pharmaceutical Inc., Co-PI; \$38,500.00.  |
| 1987        | Central effects of nimodipine in conscious dogs. Miles Laboratories, PI; \$5,000.00.  |

### MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

French Society of Anesthesiology  
French Society of Pharmacology  
American Society of Anesthesiologists  
International Anesthesia Research Society  
Texas Society of Anesthesiologists (alternate delegate, 2002)  
Society of Cardiovascular Anesthesiologists  
Texas Gulf Coast Anesthesia Society  
American Heart Association  
Council of Basic Science  
Council of High Blood Pressure  
Western Pharmacology Society  
American Society for Pharmacology and Experimental Therapeutics  
American Society of Regional Anesthesia and Pain Medicine  
Orthopedic Anesthesia Pain and Rehabilitation Society (President, 2004-Present)  
Association of University Anesthesiologists

### HONORS AND AWARDS:

|   |                |
|---|----------------|
| Recipient of the Fluothane Prize, France  | 1980           |
| Expert in Cardiovascular Pharmacology and Toxicology for the French Ministry of Health                    | 1985 – Present |
| Professor of Pharmacology and Therapeutics Certification by the French Ministries of Health and Education | 1986           |
| Chevalier de l'Ordre des Palmes Académiques   | 1993           |
| Outstanding Research Facilitator Award,   | 1996           |

|   |      |
|---|------|
| Department of Anesthesiology,<br>The University of Texas Medical School at Houston  |      |
| Excellence in Surgical Pain Management Award  | 2000 |
| Physician of the Year Nominee, Memorial-Hermann Hospital, Houston, Texas  | 2002 |
| President elected, Orthopedic Anesthesia, Pain & Rehabilitation Society   | 2004 |
| Physician of the Year Nominee, UPP, Pittsburgh, PA  | 2005 |
| America's Top Physician Award, Consumer's Research Council of America   | 2007 |
| LHAS Innovation Award, Pittsburgh, PA   | 2012 |
| Officier de l'Ordre des Palmes Académiques  |      |
| Adriana M Selvaggio Md, Dedication to comitment and quality award   | 2013 |
| Pittsburgh Magazine, Best Doctors   | 2013 |
| Pittsburgh Magazine, Best Doctors   | 2014 |
| First Place, Scientific Exhibit, 68 <sup>th</sup> PostGraduate Assembly in Anesthesiology<br>(New York, NY December 2014) |      |
| Pittsburgh Magazine, Best Doctors   | 2015 |

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**CONSULTANT**

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| Zimmer Inc | 2004 – 2005 |
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**SPEAKING BUREAU**

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| Merck         | 2000 - 2007 |
| I-Flow        | 2003 - 2004 |
| Sanofi        | 2003 – 2004 |
| GSK           | 2004 – 2007 |
| Zimmer Inc    | 2004 – 2006 |
| Pfizer        | 2003 – 2007 |
| Medicine Comp | 2015        |

## PUBLICATIONS

### Refereed Original Articles:

1. **Chelly J**, Tannières M-L, Tournay D, Franchiset F, Alexandre J-H, Passelecq J: Effects of nitrate derivatives on bile duct tone during surgery [French]. *Anesth Analg Rean.* 1979; 36: 557-60.
2. **Chelly J**, Kieffer J-P, Tournay D, Passelecq J: Use of nitroglycerin during pheochromocytoma surgery [French]. *Anesth Analg Rean.* 1980; 37: 325.
3. Mouille P, Huchet A-M, **Chelly J**, Lucet B, Doursout M-F, Schmitt H: Pharmacological properties of AR-C239, 2-[2-[4 (O-methoxyphenyl)-piperazine-1]-Y1] ethyl 4,4-dimethyl-1, 3 (2H-4H) isoquino-1-inedi-one, a new adrenoceptor blocking drug. *J Cardiovasc Pharmacol.* 1980;2:175-91.
4. Delarrat M, **Chelly J**, Garcia A, Kergrohen F, Passelecq J: Use of nitroglycerine as an hypertensive agent during cesarean section. *Anesth Analg Rean.* 1980; 37: 719-21.
5. Fabiani JN, Deloche A, Perier P, Fontaine B, **Chelly J**, Desnot F, Blondeau PH, Carpentier A: Hemodynamic study on the effects of myocardial protection with cardioplegic solution [French]. *Nouv Rev Franc Hemat* 5.
6. Levi Toledano S, Wautier JL, Caen JP, Huchet AM, **Chelly J**, Schmitt H: Alpha receptors and platelets [French]. In: *Symp Recepteurs Alpha Andrenergiques*, pp 187-97. 1980
7. Huchet A-M, **Chelly J**, Schmitt H: Interaction between clonidine and Alpha stimulants [French]. *N Presse Med.* 1980; 9: 613.
8. **Chelly J**, Tricot A, Garcia A, Boucherie J-C, Fabiani J-N, Passelecq J, Dubost CH: Hemodynamic effects of prostacyclin infusion after coronary bypass surgery. In: *Clin Pharmacol Prostacyclin*, Raven Press, New York, p 209, 1981
9. Mouille P, Huchet A-M, **Chelly J**, Schmitt, H: AR-C239 a new potent alpha-adrenoceptor blocking drug. In: *Les Alpha-Bloquants*, Masson Pub, p 14, 1981.
10. Levenson J, **Chelly J**, Payen D, Simon A, Safar M: Vasodilating antihypertensive drugs: Effects on arterial compliance, a preliminary report. In: *Symp Int Alpha-blockers*, Masson Pub, pp 271-6, 1981.
11. Huchet A-M, Mouille P, **Chelly J**, Lucet B, Doursout M-F, Schmitt H: Effects of nicergoline on the cardiovascular systems of dogs and rats. *J Cardiovasc Pharmacol.* 1981; 3: 677-91.
12. Huchet A-M, **Chelly J**, Schmitt H: Role of alpha 1- and alpha 2-adrenoceptors in the modulation of the baroreflex vagal bradycardia. *Eur J Pharmacol* 1981; 71:455-61.
13. Chelly JE: Prostacyclin as vasodilator in anaesthesia and intensive care. *Lancet* 1981; 11: 198.
14. Levenson J, Simon A, Safar M, **Chelly J**, Gilterlman A: Effects of intravenous nitroglycerin on arterial compliance and baroreflex sensibility in hypertension. In: *Arterial Baro-receptor and Hypertension*, Slight Pub, p 510, 1981.
15. Hom G, **Chelly J**, Jandhyala B: Evidence for centrally mediated effects of vanadate on the blood pressure and heart rate in anesthetized dogs. *Proc Soc Exp Bio Med.* 1982; 169: 401-5.
16. **Chelly J**, Fabiani J-N, Chahine R, Tricot AM, Carpentier A, Passelecq J, Dubost Ch: Hemo-dynamic and metabolic effects of prostacyclin after coronary bypass surgery. *Circulation* 1982; 66: 145-9.



17. Huchet A-M, Doursout M-F, **Chelly J**, Schmitt H: Possible role of alpha-adrenoceptors in the control of the autonomic nervous system in normotensive and spontaneously hypertensive rats. *Eur J Pharmacol.* 1982; 85:239-42.
18. Fabiani J-N, Perier P, **Chelly J**, Camilleri JP, Carpentier A, Dubost Ch: Blood Cardioplegia. Engelman and Lertsy eds, p 285, 1982
19. Huchet A-M, Doursout M-F, Ostermann G, **Chelly J**, Schmitt H: Possible role of alpha and alpha-adrenoceptors in the modulation of the sympathetic component of the baroreflex. *Neuropharmacology* 1983; 22: 1243-8.
20. Hartley CJ, Lewis RM, Ishida T, **Chelly JE**, Entman ML: High frequency pulsed Doppler measurements of blood flow and myocardial dimensions in conscious animals. NIH Pub, 84-1654:95-105, 1984.
21. Shenaq SA, **Chelly JE**, Kalberg H, Cohen E, Crawford ES: Use of nitroprusside during surgery for thoracoabdominal aortic aneurysm. *Circulation* 1984; 70: I7-10.
22. **Chelly J**, Doursout M-F, Hartley C, Buckley JP: Hemodynamic effects of chronic intraventricular administration of renin in awake dogs. *Clin Exp Hypertens.* 1984; 6: A1921-5.
23. **Chelly J**, Doursout M-F, Hartley C, Buckley JP: Hemodynamic effects of angiotensin II and bradykinin infused intraventricularly in conscious dogs. *Clin Exp Hypertens.* 1984;6: A2037-40.
24. **Chelly J**, Doursout M-F, Hartley C, Buckley JP: Cardiac and regional hemodynamic effects of nitroglycerin administered sublingually to conscious dogs. *Proc West Pharmacol Soc* 1984;27:415-7.
25. Buckley JP, Doursout M-F, Tsoa, CC, Hartley C, **Chelly J**: Hemodynamic effects of intraventricular angiotensin II and renin in awake dogs. *Proc West Pharmacol Soc.* 1984; 27: 419-21.
26. Buckley JP, Jandhyala BS, Doursout M-F, Huang Y-K, **Chelly JE**: Effects of brain renin-angiotensin on cardiovascular function and saline intake in awake dogs. *J Physiol (Paris).* 1984; 79: 485-90.
27. **Chelly J**, Doursout M-F, Hysing E, Hartley C: Role of prostaglandin in nitroglycerin induced vasodilation in conscious dogs. *Proc West Pharmacol Soc.* 1985; 28:1-3.
28. **Chelly J**, Doursout M-F, Hartley C, Buckley J: Hemodynamic effects of the intra-ventricular administration of angiotensin II and renin in chronically instrumented dogs. *Clin Exp Hypertens.* 1985; 7: 1083-96.
29. **Chelly J**, Tsoa C, Nath R, Doursout M-F, Buckley J: Effects of norepinephrine on the dog common carotid, coronary and renal arteries. *Eur J Pharmacol.* 1986; 120:137-9.
30. **Chelly J**, Montastruc J-L, Doursout M-F, Dang-Trang L, Hysing E, Montastruc P: Blockade of central calcium channels induces hypertension in dogs. *Hypertension* 1986; 8:166-9.
31. **Chelly J**, Doursout M-F, Huang KW, Hartley C, Buckley JP: Brain renin on hemodynamic function and fluid and electrolyte balance. *Hypertension* 1986; 8:170-4.
32. **Chelly J**, Rogers K, Hysing E, Taylor A, Hartley C, Merin R: Cardiovascular effects of and interactions between calcium blocking drugs and anesthetics in chronically instrumented dogs: I. Verapamil and halothane. *Anesthesiology* 1986; 64:560-7.

33. Rogers K, Hysing E, Merin R, Taylor A, Hartley C, **Chelly J**: Cardiovascular effects of and interactions between calcium blocking drugs and anesthetics in chronically instrumented dogs: II. Verapamil, enflurane, and isoflurane. *Anesthesiology* 1986; 64: 568-75.
34. Szilagyi JE, **Chelly J**, Doursout M-F: Suppression of renin release by antagonism of endogenous opiates in the dog. *Am J Physiol.* 1986;250: R633-7.
35. **Chelly JE**, Hysing ES, Abernethy DR, Doursout M-F, Merin RG: Effects of inhalational anesthetics on verapamil pharmacokinetics in dogs. *Anesthesiology* 1986; 65: 266-71.
36. **Chelly JE**, Doursout M-F, Begaud B, Tsao CC, Hartley CJ: Effects of hydralazine on regional blood flow in conscious dogs. *J Pharmacol Exp Ther.* 1986; 238: 665-9.
37. Hysing ES, **Chelly JE**, Doursout M-F, Hartley C, Merin RG: Cardiovascular effects of and interaction between calcium blocking drugs and anesthetics in chronically instrumented dogs: III. Isoflurane changes the cardiac and regional effects of nicardipine. *Anesthesiology* 1986; 65:385-91.
38. Buckley JP, Doursout M-F, Liang Y-Y, **Chelly JE**: Central angiotensin II mechanisms and the sodium pump. *Hypertension* 1986; 4: S465-7.
39. **Chelly JE**, Doursout M-F, Buckley JP: Acute central effects of 1-glutamate in pentobarbital anesthetized dogs. *Am J Physiol.* 1987; 252: R594-8.
40. Merin RG, **Chelly JE**, Hysing ES, Rogers K, Klewati A, Hartley CJ, Abernethy DR: Cardiovascular effects of and interactions between calcium blocking drugs and anesthetics in chronically instrumented dogs: IV. Chronically administered oral verapamil and halothane, enflurane and isoflurane. *Anesthesiology* 1987; 66: 140-6.
41. **Chelly JE**, Doursout M-F, Dlewati A, Hartley CJ, Buckley JP: Central hemodynamic effects of the synthetic atrial natriuretic factor. In: *Brain Peptides and Catecholamines in Cardiovascular Regulation*. Buckley JP, Ferrario CM (eds), Raven Press, New York pp 223-31, 1987
42. Buckley JP, **Chelly J**: Central angiotensin II mechanisms and possible involvement with the sodium pump. In: *Brain Peptides and Catecholamines in Cardiovascular Regulation*. Buckley JP, Ferrario CM (eds), Raven Press, New York pp 347-54, 1987
43. **Chelly JE**, Hysing ES, Abernethy DR, Doursout M-F, Hartley CJ, Guerret M, Merin, RG: Role of isoflurane on hemodynamic properties and disposition of nicardipine. *J Pharmacol Exp Ther.* 1987; 241:899-906.
44. **Chelly JE**, Hysing ES, Hill DC, Abernethy DR, Dlewati A, Doursout M-F, Merin RG: Cardiovascular effects of and interactions between calcium blocking drugs and anesthetics in chronically instrumented dogs: V. Role of pharmacokinetics and the autonomic nervous system in the interactions between verapamil and inhalational anesthetics. *Anesthesiology* 1987; 67:320-25.
45. **Chelly JE**, Hill DC, Abernethy DR, Dlewati A, Doursout M-F, Merin R: Pharmaco-dynamic and pharmacokinetic interactions between lidocaine and verapamil. *J Pharmacol Exp Ther.* 1987; 243: 211-6.

46. Montastruc J-L, Dang-Trang L, Huchet-Brissac A-M, **Chelly JE**, Rostin M, Montastruc P: Involvement of cholinergic mechanisms in the central cardiovascular actions of nica-dipine in dogs. *Arch Int Pharmacodyn.* 1987; 289: 212-6.
47. Shenaq SA, Casar G, **Chelly JE**, Ott H, Crawford ES: Continuous monitoring of mixed venous oxygen saturation during aortic surgery. *Chest* 1987; 92: 796-9.
48. Doursout, M-F, **Chelly, JE**: Effects of basal anesthesia on cardiac function. *Br J Anaesth.* 1988; 60: 119S-122S.
49. Hill DC, **Chelly JE**, Dlewati A, Abernethy DR, Doursout M-F, Merin RG: Cardiovascular effects of and interaction between calcium blocking drugs and anesthetics in chronically instrumented dogs: VI. Verapamil and fentanyl. *Anesthesiology* 1988; 68:874-9.
50. Doursout M-F, Wouters PF, **Chelly JE**: Centrally mediated hypertension induced by nimodipine in conscious dogs. *Proceedings of the workshop on preclinical studies with nimodipine.* Miles Pharmaceuticals pub, pp 510-1, 1988.
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### Abstracts

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297. **Chelly JE.**, Hamilton D, Lang E, Melson T, Singla S, Carr D: safety profile of Doloject<sup>®</sup>, a novel parenteral diclofenac formulation in 971 postoperative patients including older, renally or hepatically impaired and anticoagulated. 13<sup>th</sup> World Congress on Pain, IASP, 2010.
298. **Chelly JE**, Singla N, Sanin L, Sporn J, Cheung R, Yang R. Use of Pregabalin for postoperative pain: Outcome of 2 trials. ASA 2010
299. Carr DB, **Chelly JE**, Hamilton D, Lang E, Melson T, Daniels S. Dyloject, a Novel IV Diclofenac: Safety Profile in Healthy and at-Risk Post-operative Patient. ASA CD, 2010
300. Fanelli A, Ben-David B, **Chelly JE**. Paravertebral Nerve Blocks for Bowel Surgery Analgesia: Comparison between Lidocaine and Ropivacaine. ASA CD, 2010
301. Gierl B, Conrad E, Alarcon L, **Chelly JE**. Safety Associated with the Removal of Paravertebral Catheters in Trauma Patients Receiving Enoxaparin for Thromboprophylaxis. ASRA 2011
302. Lee J.K., Pearce-Smith B, Wei, L, **Chelly JE**. Continuous Paravertebral Catheters in Patients Who Underwent Minimally Invasive Cardiac Surgery: A Case Series. ASRA 2011
303. Lucic A.P., **Chelly, JE**. Total Knee Arthroplasty as Ambulatory Surgery: Proof of concept. ASRA 2011
304. Liu Q, Gold MS., **Chelly JE**. Local inflammation contributes to the loss of local anesthetic efficacies in sciatic nerve block – an animal study. ASRA 2011
305. **Chelly, JE**. Thromboprophylaxis and Peripheral nerve blocks for joint replacement. ASRA 2011
306. Marino J, Curtin J, Patrick C, Sison C, Koutsouras G, **Chelly JE**. A Retrospective Analysis of the Safety of Removal of Continuous Lumbar Plexus Catheters in Postoperative Anticoagulated Patients. ASRA 2011
307. Gaurav R, Ruttum D, Cladis FP, **Chelly JE**. The Use of Ultrasound Imaging for Performing the Lumbar Plexus. ASRA 2011
308. Conrad E, **Chelly JE**, Shick V, Mukalel J. Combination of Enoxaparin and Continuous Paravertebral Blocks for Major Gynecologic Surgery. ASRA 2011
309. Wilson S, Auroux A-S, Merman R, **Chelly JE**. Ropivacaine 0.1% versus 0.2% for continuous lumbar plexus infusion following total hip arthroplasty. ASA CD 2011
310. Marr LB, MD, MBA, Schilling D, Boretsky RM, MD; Hudson ME, **Chelly JE**, Barad RA Department of Anesthesia Based Management Protocol for Perioperative Corneal Abrasions. ASA CD 2011
311. Marr LB, MD, MBA, Schilling D, Boretsky RM, MD; Hudson ME, **Chelly JE**, Talarico Ph, Kortyna R. Consumer confidence in the delivery of anesthesia services: Linking customer value to satisfaction. ASA CD 2011

312. Gierl BT, Conrad E, Alacon L, **Chelly JE**. Safety Associated with the Removal of Paravertebral Catheters in Trauma Patients Receiving LMWH for Thromboprophylaxis. ASA CD 2011
313. Liu Q, **Chelly JE**, Gold MS. Peripheral inflammation results in a decrease in the potency of local anesthetic-induced conduction block of the rat sciatic nerve. ASA CD 2011
314. Wardhan R, Bonilla A, Ben-David B, **Chelly JE**. Continuous L2 Paravertebral block versus continuous Lumbar Plexus block for postoperative analgesia after Total Hip Arthroplasty: A Blinded Interim Analysis. ASA CD 2011
315. Lucic A, Mears D, **Chelly JE**. Total Joint Arthroplasty as an Ambulatory Surgery: Proof of Concept. ASA CD 2011
316. McGough R, Goodman M, Eloy, JD, Auroux A-S, Gavigan P, **Chelly JE**. The performance of peripheral nerve blocks is safe in patients undergoing the implantation of mega-prosthetic.
317. Hudson M.E, **Chelly JE**, Thomson W.R., Williams J. P. The Use of Pro Forma Financial Statements as a Planning and Negotiation Tool for the Establishment of an Acute Interventional Pain Service. ASA2012
318. Hudson M.E., **Chelly JE.**, Williams J. P. A Productivity Incentive Plan for an Acute Interventional Perioperative Pain Service in a Large Multi-Hospital Health Care System. ASA 2012
319. Boretsky K, Hall-Burton D, **Chelly JE**. Training Pediatric Regional Anesthesiologist. A New Approach. ASRA 2012
320. Skoropowski G, Pearce-Smith B, Wei L, **Chelly J**. Continuous Paravertebral Catheters and Minimally Invasive Cardiac Surgery. ASRA 2012
321. Klimowicz K, Visoiu M, Boretsky B, Jacques **Chelly JE**. Postoperative analgesia via Transversus Abdominis Plane (TAP) block for outpatient ureteral reimplantation procedure. ASRA 2012
322. Oliver L-A, Merman R, Hudson M, **Chelly JE**. Near Missed Wrong Side Blocks. ESA 2012
323. Thangada S, **Chelly JE**. Lower Extremity Motor Blockade after Paravertebral Nerve Blocks in Urological Surgery. ASA CD 2012
324. Cormican DS, Jernigan JA, Kandel A, **Chelly, JE**. Acute Onset Dyspnea after Placement of Thoracic Paravertebral Nerve Block Catheter. ASA CD 2012
325. Hudson M, **Chelly, JE**, Williams, JP. Impact of an Acute Interventional Perioperative Pain Service on Cost and Revenue, Length of Stay, and Recovery Room Time at a Large Tertiary Care Hospital. ASA CD 2013
326. Guffey R, Conrad E, Auerbach J, **Chelly JE**. Caseload variability of an acute pain service at a level one trauma center: Implications for manpower management. ASRA 2013
327. Orebaugh SL, Conrad III ES, Taormina D, Webb D, **Chelly JE**. Use of Ultrasound Guidance for Peripheral Nerve Blockade at a large academic health care system over a 6-year period. ASRA 2013
328. Dai F, **Chelly JE**, Greco CM, Vulakovich KL, Qin L, Landsittel D, Crossett L, Belfer I. Association of acute post-operative pain with *COMT* functional variation in patients after Total Knee Arthroplasty (TKA). ASRA 2013

329. Greco CM, Vulakovich KL, Landsittel D, Belfer I, Dai F, **Chelly JE**. Associations of Psychosocial and Demographic factors with Acute Pain following Total Knee Arthroplasty. ASRA 2013
330. **Chelly, JE**; Schilling, DE. Preliminary experience with the combination of thromboprophylaxis with rivaroxaban for and deep and superficial blocks. ASRA 2013
331. Hudson, M; **Chelly, JE**; Williams, JP. Wrong site blocks: 10 year experience in a large multi-hospital health care system. ASRA 2013
332. Pearce-Smtih, BA; Draper, E, **Chelly, JE**. Liposomal Bupivacaine for Analgesia Following Multiple Rib Fractures. ASRA 2013
333. Lin, C; Pearce-Smtih, B; **Chelly, JE**. Paraspinal and Chest Wall Abscesses Following the Placement of a Continuous Thoracic Paravertebral Block and a Chest Tube. ASRA 2013
334. Qing, L; **Chelly, JE**; Gold MS. Variables Impacting the Efficacy of Regional Nerve Block for Post-operative Pain Management in Total Knee Arthroplasty (TKA) Patients: A Retrospective Study. ASRA 2013
335. Conrad E, Schitteck H, Metais B; Schilling D, Luke C, **Chelly JE**. Safety of rivaroxaban for thromboprophylaxis in patients undergoing joint replacement. ASRA 2014
336. Peterson AK, Fanelli A, Ghisi D, Jouguelet-Lacoste J; La Colla L, **Chelly JE**. A comparison of lidocaine 0.25% versus ropivacaine 0.2% for bilateral continuous thoracic paravertebral nerve blocks after bowel surgery. ASRA 2014
337. Guffey R, Moallempour M, Taormina D, Goodwin E, Chelly JE. Nerve stimulator minimum current relative to pulse duration at the interscalene level of the brachial plexus. ASRA 2014
338. Schreiber KL, **Chelly JE**, Lang SR, Abuelkasem E, Geller DA, Tsung, MD A, Marsh WJ, Sakai T. Bilateral Paravertebral Block versus Epidural Block for Postoperative Analgesia in Open Liver Resection: A Prospective Randomized Clinical Trial. ASA CD 2014

### **OTHER PUBLICATIONS**

1. Book Review: Albert Fleckenstein: Calcium antagonism in heart and smooth muscle: Experimental facts and therapeutic perspectives. *J Pharmaceutical Sciences* 1984; 73: 1016- 38.

### **DIRECTOR OR CO-DIRECTOR OF CONFERENCES ORGANIZED WITH CME CREDIT:**

- |      |  |
|------|--|
| 1993 | Program Director, Anesthesia Symposium, Houston, Texas   |
| 1996 | Program Co-Director, Difficult Airway Management Tips From the Experts, Squaw Creek Resort, North Lake Tahoe, Olympic Valley, Nevada |
| 1998 | Planning Committee, Second Biennial Difficult Airway Management Tips from the Experts, Marriott's Mountain Resort, Vail, Colorado    |



- 1999 Program Director, First Regional Anesthesia International Symposium: Lower Extremity Peripheral Nerve Blocks – Single Injection Techniques, Houston, Texas
- 2000 Program Director, Second Regional Anesthesia International Symposium: Continuous Peripheral Nerve Blocks for Orthopedic Surgery, San Francisco, California
- 2001 Program Director, Third Regional Anesthesia International Symposium: Blocks for Ambulatory Orthopedics, New Orleans, Louisiana
- 2002 Program Director, First Houston International Symposium of Orthopedic Anesthesia and Pain, June 29, 2002, Houston, Texas
- Program Director, First Annual Pittsburgh International Symposium on Regional Anesthesia and Pain Management, August 22-24, 2002, Pittsburgh, Pennsylvania
- Program Director, Fourth Regional Anesthesia International Symposium: Best Equipment for Peripheral Nerve Blocks, October 10-11, 2002, Orlando, Florida
- 2003 Program Director, Center of Excellence Mini-Fellowship on Peripheral Nerve Block Techniques for Orthopaedics: A Hands-On Approach. UPMC Shadyside, Pittsburgh, Pennsylvania
- Course Co-Director, University of Louisville School of Medicine, First Fireworks of Regional Anesthesia Anatomy; April 12-13, 2003, Louisville, Kentucky
- Program Director, University of Pittsburgh School of Medicine, First Annual Symposium: Anesthesia, Pain Management and Rehabilitation for Hip Replacement, UPMC Shadyside, July 11, 2003, Pittsburgh, Pennsylvania
- Program Director, Fifth Regional Anesthesia International Symposium: Joint Replacement, October 10, 2003, San Francisco, California
- 2004 Program Director; Regional Anesthesia and Continuous Infusion January 31, 2004, Pittsburgh, Pennsylvania
- Course Co-Director, University of Louisville School of Medicine, Second Fireworks of Regional Anesthesia Anatomy; April 15-16, 2004, Louisville, Kentucky
- Course Director, Update in Postoperative Management, October 9, 2004, Pittsburgh, Pennsylvania
- Course Director, Sixth Regional Anesthesia International Symposium; Major Orthopedic Surgery in the Elderly and Very Elderly, October 22, 2004, Las Vegas, Nevada
- Course Director, Anesthesia and Acute Postoperative Pain Management for Zimmer MIS Procedures, December 11, 2004. Orlando, Florida

- 2005
- Course Co-Director, University of Louisville School of Medicine, Third Annual Fireworks in Anatomy of Regional Blockade, July 9-10, 2005, Louisville, Kentucky
  - Course Director, University of Pittsburgh School of Medicine, Second Postgraduate Anesthesia Conference, August 27, 2005, Pittsburgh, Pennsylvania
  - Course Director, Advanced Peripheral nerve block Workshop (Healthstream), September 17, 2005, Baltimore, Maryland.
  - Course Director, Peripheral nerve block Workshop (Healthstream), September 24, 2005, Tucson, Arizona.
  - Course Director, First Annual Meeting of OAPRS, Anesthesia, Continuous Nerve Block Techniques and Acute Postoperative Pain Management in Orthopedics, October 21, 2005, Holiday Inn Select, Atlanta, Georgia
  - Course Director, 100<sup>th</sup> Society of Anesthesiologists Meeting, Atlanta, Georgia, October 25, 2005. Panel Moderator. Minimally invasive major Orthopedic surgery: coming soon to a hospital near you.
- 2006
- Course Co-Director, University of Louisville School of Medicine, Fourth Annual Fireworks in Anatomy of Regional Blockade, April 22-23, 2006, Louisville, Kentucky
  - Course Director, Second Annual Meeting of OAPRS, June 10 & 11, 2006, Sheraton Wild Horse Pass Resort & Spa, Phoenix, Arizona
  - Course Director, University of Pittsburgh School of Medicine, Third Postgraduate Anesthesia Conference, June 24, 2006, Pittsburgh, Pennsylvania
  - Course Director, Third Annual pre-ASA Meeting of OAPRS, October 13, 2006. University Club of Chicago, Chicago, Illinois
- 2007
- Course Director, Fourth Annual pre-ASA Meeting of OAPRS, October 17, 2007. Park 55 Hotel, San Francisco, California
  - Course Director, Third Annual UPMC Pain Management Symposium, Nemaconlin Woodlands Resort, November 2-4, 2007
- 2008
- Course Co-Director, Fourth Annual UPMC Regional Anesthesia & Hemostasis Symposium, Nemaconlin Woodlands Resort, April 5-6, 2008
  - Course Director, Fifth Annual pre-ASA Meeting of OAPRS, October 17, 2008. Rosen Centre Hotel, Orlando, Florida
  - Course Co-Director, Fifth Annual UPMC Pain Symposium, Nemaconlin Woodlands Resort, November 7-9, 2008

- 2009 Course Co-Director, University of Louisville School of Medicine, Sixth Annual Fireworks in Anatomy of Regional Blockade, April 18-19, 2009, Louisville, Kentucky
- Course Co-Director, Sixth Annual UPMC Regional Anesthesia & Hemostasis Symposium, Nemaocolin Woodlands Resort, April 5-6, 2009
- Course Director, pre-ASA Sixth Annual Meeting of OAPRS/SAGA October 16, 2009, Sheraton New Orleans.
- Course Co-Director, Seventh Annual UPMC Pain Symposium, Nemaocolin Woodlands Resort, November 7-9, 2009
- 2010 Course Director, Fifth Update In Regional Anesthesia and Ultrasound Techniques. Nemaocolin Woodlands Resort, April 9-11, 2010
- Course Co-Director, University of Louisville School of Medicine, Seventh Annual Fireworks in Anatomy of Regional Blockade, April 17-18, 2010, Louisville, Kentucky
- 2011 Course Director, Seventh Update In Regional Anesthesia and Ultrasound Techniques. Update in Acute & Chronic Pain and Liver Transplantation Anesthesiology. Nemaocolin Woodlands Resort, April 9-10, 2011
- Course Director, pre-ASA Eighth Annual Joint Meeting of OAPRS/SAGA October 14, 2011, Chicago Marriott Downtown Magnificent Mile, Chicago, Illinois
- 2012 Course Director, Eighth Update In Regional Anesthesia and Ultrasound Techniques. Update in Acute & Chronic Pain and Liver Transplantation Anesthesiology. Nemaocolin Woodlands Resort, April 20-22, 2012
- Course Co-Director, University of Louisville School of Medicine, Eighth Annual Fireworks in Anatomy of Regional Blockade, Louisville, Kentucky, June 2-3, 2012
- Course Director, pre-ASA Ninth Annual Joint Meeting of OAPRS/SAGA October 12, 2012, Fairmont Washington Georgetown, Washington, DC
- 2013 Course Director, Ninth Update In Regional Anesthesia and Ultrasound Techniques. Update in Acute & Chronic Pain and Liver Transplantation Anesthesiology. Nemaocolin Woodlands Resort, April 19-21, 2013
- 2014 Course Director, Tenth Update In Regional Anesthesia and Ultrasound Techniques. Update in Acute & Chronic Pain and Liver Transplantation Anesthesiology. Nemaocolin Woodlands Resort, April 11-13, 2014
- 2015 Course Director, Tenth Update In Regional Anesthesia and Ultrasound Techniques. Update in Acute & Chronic Pain and Liver Transplantation Anesthesiology. Nemaocolin Woodlands Resort, April 17-19, 2015

**INVITED LECTURER – NATIONAL (CME):**

- 1991 Johns Hopkins, Anesthesiology & Critical Care Medicine, Baltimore, MD, "Interaction Between Ca Blockers and Anesthetics"  
  
Medical Group Management Association, Baltimore, MD, "Development and Funding of Clinical Research in the Academic Setting"  
5th International Symposium on Calcium Antagonists, Houston, TX
- 1993 Visiting Professor, Oregon Health Sciences University, Portland, OR, "Role of Nitric Oxide on the Hepatic Circulation" and "Effect of Inhalational Anesthetics on Hepatic Circulation in Chronically Instrumented Dogs"
- 1996 Visiting Professor, St. Joseph Hospital, Houston, TX, April 11, 1996. "Clinical Pharmacology of Flumazenil"  
  
Visiting Professor, University Hospital, San Antonio, TX, August 29, 1996. "Use of Versed and Romazicon Techniques For In and Out-patient Surgery"
- 1998 Visiting Professor, Hospital for Special Surgery, New York, NY, June 4, 1998. "Lower Extremity Blocks, Anterior Approach Sciatic Nerve"  
  
Guest Lecturer, Damon's, Houston, TX, June 10, 1998. "Clinical Update 5HT3 Antagonist"  
  
Visiting Professor, M.D. Anderson Hospital Anesthesiology Grand Rounds, Houston, TX, June 17, 1998. "Pharmacology of DCHLb"
- 1999 Guest Lecturer, Hospital for Special Surgery, Annual Symposium on The Practice of Regional Anesthesia, New York, NY, April 17, 1999. "Should Lidocaine be used for Spinal Anesthesia?"
- 2000 Visiting Professor, St. Roosevelt Hospital, New York, New York, April 8, 2000. Anesthesia Grand Rounds. "Femoral Continuous Infusion for Patients Undergoing Total Knee Replacement."  
  
Guest Lecturer for PPGC Anesthesia Nursing, San Antonio, Texas, April 25-28, 2000. "Upper Extremity Blocks and Peripheral Nerve Blocks for Orthopedic Surgery."  
  
Visiting Professor symposium, sponsored by Brook Army Medical Center, Fort Sam Houston; Williford Hall Hospital, Lackland Air Force Base, San Antonio, Texas, April 12, 2000. "Upper and Lower Extremity Blocks."

Visiting Professor, Baylor College of Medicine, Orthopedic Grand Rounds, Houston, TX, October 11, 2000. "Peripheral Nerve Blocks for Ambulatory and Inpatients."

Visiting Professor, University of Florida, Gainesville, Florida, November 13, 2000. "Peripheral Nerve Blocks for Total Knee Replacement."

2001

Visiting Professor "Continuous Peripheral Nerve Blocks and Hands-on Procedure" at Central Park Surgery Center and Seton Medical Hospital, Austin, Texas. March 22, 2001.

Visiting Professor, The Cleveland Clinic, Cleveland, Ohio, March 27, 2001. "Continuous Peripheral Nerve Blocks for Orthopedic Surgery."

Visiting Professor, Detroit, Michigan, March 28, 2001. "Continuous Peripheral Nerve Blocks for Orthopedic Surgery."

Guest Speaker, Houston, Texas, April 17, 2001, "Acute Postoperative Pain Management in Orthopaedics: A Place for Cox II Inhibitors."

Guest Lecturer, Baylor Hospital, Houston, Texas, July 25, 2001, "Lower Extremity Blocks."

Visiting Professor, M.D. Anderson Hospital, Houston, Texas August 20, 2001, "Acute Pain Management Techniques."

Visiting Professor, Baylor Hospital, Dallas, Texas, August 29, 2001, "Pain Management."

2002

Speaker, 4<sup>th</sup> Biennial Difficult Airway Management Conference, 'Tips from the Experts,' North Lake Tahoe - Ski Squaw Valley, Nevada, February 28-March 3, 2002

American Society of Regional Anesthesia 27<sup>th</sup> Annual Meeting and Workshops, Chicago, IL, April 25-28, 2002. "Intra-articular vs. Interscalene Infusion...Is there a Better Choice?"

First Houston International Symposium of Orthopedic Anesthesia and Pain, June 29, 2002, Houston, Texas. "Multimodal Approach to Postoperative Pain Management."

Guest Lecturer, UPMC Shadyside Anesthesiology Grand Rounds, December 11, 2002. "Pain Management."

- 2003
- Guest Lecturer, UPMC Shadyside Anesthesiology Grand Rounds, January 8, 2003. “Orthopedic Pain”
- Guest Lecturer, Western Pennsylvania Society of Anesthesiologists, January 16, 2003. “Postoperative Management of Pain in Orthopedics”
- Guest Lecturer, UPMC Shadyside Hospital, Minimally invasive hip surgery: What do we need to know? March 25, 2003 Pittsburgh, Pennsylvania, “Anesthesia and Postoperative Analgesia for minimally invasive hip surgery”
- Guest Lecturer, 28th Annual Spring Meeting and Workshops, American Society of Regional Anesthesia and Pain Medicine, April 3, 2003, San Diego, California. “Continuous Lower Extremity Blocks”
- Guest Lecturer, University of Louisville School of Medicine, First Fireworks of Regional Anesthesia Anatomy, April 12-13, 2003.
- Guest Lecturer, University of Pittsburgh Department of Anesthesiology Grand Rounds Lecture Series, April 24, 2003. Pittsburgh, Pennsylvania “Realizing the Therapeutic Potential of Human Hemoglobin-Based Pharmaceuticals”
- Guest Lecturer, 1st Annual Symposium: Anesthesia, Pain Management and Rehabilitation for Hip Replacement, July 11, 2003, UPMC Shadyside, Pittsburgh, Pennsylvania, “Postoperative Analgesia for MIS Hip and THA; Acute Postoperative Pain Management: Role of Cox2 inhibitors; The best of two worlds”
- Visiting Professor, University of Texas at Houston, Department of Anesthesiology, Grand Rounds Lecture Series, July 17, 2003, Houston, Texas, “Optimizing Postoperative Pain Management in the Ambulatory Patients”
- Visiting Professor, University of Texas at Houston, Regional Anesthesia in Private Practice, July 19, 2003, Houston, Texas, “Management of complications of blocks in private practice”
- Guest Lecturer, 5th Regional Anesthesia International Symposium, First Orthopedic Anesthesia, Pain and Rehabilitation: Joint Replacement, October 10, 2003, San Francisco, California, “Anesthesia for Minimally Hip Surgery”
- Visiting Professor, Henry Ford Foundation, Department of Orthopedics, Grand Round, Detroit, Michigan, “Postoperative Pain Management in Orthopedics”

Guest Lecturer, University of Texas, 5<sup>th</sup> Annual International Regional Anesthesia Symposium, Houston, Texas, October 10, 2003

Visiting Porfessor, University of Louisville, Department of Orthopedics, Grand Round, Louisville, Kentucky, November, 2003 “Acute Pain Management Following Ambulatory Surgery”

Visiting Porfessor,, University of Lexington, Department of Anesthesiology Grand Round, Lexington, Kentucky, November, 2003, “Acute Pain Management”

Visiting Porfessor, St. Luke’s & Roosevelt Hospitals, Comprehensive Review of Regional Anesthesia, New York, New York, December 20, 2003

2004

Visiting Porfessor, Vanderbilt University, Department of Anesthesiology, Grand Round, January 15, 2004, Nashville, Tennessee, “Role of Acute Pain Management in Functional Recovery”

Invited Speaker, 18<sup>th</sup> Annual Vail Orthopaedic Symposium 2004, January 25-30, 2004, Vail, Colorado, “Post-operative Pain Management for MIS Total Hip Replacement.”

Guest Lecturer, University of Pittsburgh School of Medicine, Department of Anesthesiology, UPMC Shadyside Hospital, January 31, 2004, Pittsburgh, Pennsylvania, “Regional Anesthesia and Continuous Infusions,”

Visiting Porfessor, Ohio State University, Department of Anesthesiology, Grand Round, February 19, 2004, Columbus, Ohio, “Postoperative Pain Management in Orthopedics”

Visiting Porfessor, Metro University, Department of Anesthesiology, Grand Round, March 2, 2004, Cleveland, Ohio, “Acute Pain Management”

Guest Lecturer, ASRA 29th Annual Spring Meeting, New Sciatic approaches, March 13, 2004, Orlando, Florida

Invited Lecturer, the University of Texas 5<sup>th</sup> Biennial Difficult Airway Management: Tips from the Experts, Steamboat Springs, March 18-21, 2004 Colorado

Invited Speaker, University of Louisville School of Medicine, Second Fireworks of Regional Anesthesia Anatomy, April 15-16, 2004, Louisville, Kentucky

Invited Speaker, University of Pittsburgh School of Medicine, Shadyside Hospital, Update in Postoperative Management, October 9, 2004, Pittsburgh, Pennsylvania, “Patient Informed Consent for Peripheral Nerve Blocks”

Invited Speaker, 34<sup>th</sup> Annual Arthroplasty Course, September 29 – October 2, 2004, Boston, Massachusetts, “Postoperative Pain Management for MIS Total Hip Replacement”

Invited Speaker, 6th Regional Anesthesia International Symposium; Major Orthopedic Surgery in the Elderly and Very Elderly, October 22, 2004, Las Vegas, Nevada

Invited Speaker, 48<sup>th</sup> Annual Edward T. Smith Lectureship, November 4-5, 2004, Houston, Texas “Anesthetic Techniques in Modern Orthopaedics”

Invited Speaker, Detroit Trauma Symposium 2004, Detroit, Michigan, November 11-12, 2004 “Anesthesia/Pain Management in the Trauma Patient”

2005

Invited Speaker, HealthStream Roundtable, January 24, 2005, Vail, Colorado, “Anesthesia and Acute Postoperative Pain Management Strategies for the Minimally Invasive Total Hip and Knee Replacement Patient”

Invited Speaker, Regional Anesthesia for Private Practice, March 5, 2005, Lake Whitney, TX, “Anesthesia Management of Minimally Invasive Arthroplasty Patients”

Invited Speaker, University of Louisville School of Medicine, Third Annual Fireworks in Anatomy of Regional Blockade, July 9-10, 2005, Louisville, Kentucky “Lumbar Plexus and Alterior Sciatic Approach”

Visiting Porfessor, Medical University of Ohio at Toledo, Anesthesia & Postoperative Analgesia for Minimally Invasive Procedures, August 2, 2005, Maumee, Ohio

Invited Speaker, University of Pittsburgh School of Medicine, Second Postgraduate Anesthesia Conference, Postoperative Pain Management of opioids tolerant patients, August 27, 2005, Pittsburgh, Pennsylvania

Invited Speaker, Advanced Peripheral nerve block Workshop, Baltimore, Maryland: Nerve injury: Is it really a concern, and Reimbursement issues related to nerve blocks. 7 September 17, 2005



Visiting Professor, Peripheral nerve block Workshop, Tucson, Arizona: Upper extremity blocks and How to establish an Acute Pain Service. September 24, 2005

Invited speaker, 100<sup>th</sup> Society of Anesthesiologists Meeting (Atlanta, Georgia, October 22-26 2005). Postoperative Pain Management after Minimally Invasive Orthopedic Surgery. October 22, 2005

2006

Invited Speaker, Department of Orthopedics, Grand Round “Postoperative Pain Management in Orthopedics” January 19, 2006 University of Michigan, Ann Arbor, Michigan.

Invited Speaker, 20<sup>th</sup> Annual Vail Orthopaedic Symposium: Roundtable: “Anesthesia and Acute Postoperative Pain Management Strategies for the Minimally Invasive Total Hip and Knee Replacement Patient”. January 25, 2006, HealthStream, Vail, CO.

Guest Lecturer, Montefiore Hospital, Pittsburgh, Pennsylvania, “Postoperative Pain Management in Patients undergoing Urologic Procedures”. February 22, 2006. Urology Grand Rounds.

Visiting Professor Grand Rounds, “A multimodal approach to acute perioperative pain management”. Houston, Texas. April 19, 2006

Invited Speaker, University of Louisville School of Medicine, Fourth Annual Fireworks in Anatomy of Regional Blockade, April 22-23, 2006, Louisville, Kentucky “Lumbar Plexus Anesthesia”

Invited Speaker, Second Annual Meeting of Orthopedic Anesthesia, Pain and Rehabilitation Society, June 10 & 11, 2006, Phoenix, Arizona “Update in Thrombophylaxis, PNB and Coagulation”

Invited Speaker, 3<sup>rd</sup> Postgraduate Anesthesia Meeting, University of Pittsburgh Medical Center, June 24, 2006, Pittsburgh, Pennsylvania “General Principles for the treatment and Prevention of PONVs”

Invited Speaker, Grand Rounds, University of Pittsburgh School of Medicine, Department of Anesthesiology, Magee Womens Hospital, Pittsburgh, Pennsylvania “Paravertebral Blocks” August 22, 2006.

Invited Speaker, Colorado Society of Anesthesiologist, Anesthesia Update: “Continuous nerve block for ambulatory surgery, September 9 & 10, 2006, Denver, Colorado

Invited Speaker, OAPRS 3<sup>rd</sup> Annual PreASA meeting “Regional anesthesia vs management of the airways in patients with established

difficult airways in orthopedics: pro regional” Chicago, Illinois, October 13, 2006

2007

Invited Speaker, Anesthetic and Perioperative Complications: Management & Treatment, University of Pittsburgh Medical Center, February 15-18, 2007, “Acute Postoperative Pain Management” Cancun, Mexico

Invited Speaker, Acute Perioperative Pain Management and Periphera Nerve Block Workshop, Mayo Clinic College of Medicine, March 17, 2007, “Paravertebral blocks and Postoperative Pain Management in Chronic Pain Patient” Scottsdale, Arizona

Invited Speaker to present Grand Rounds, Third Annual Meeting of Orthopedic Anesthesia, Pain and Rehabilitation Society, May 5 & 6, 2007, “Joint Replacement as an Ambulatory Surgery: Consequences for Anesthesiologists” Boston, Massachusetts

Invited Speaker, University of Louisville School of Medicine, Fifth Annual Fireworks in Anatomy of Regional Blockade, “Lumbar Plexus Block” May 19-20, 2007, Louisville, Kentucky

Invited Speaker, Grand Rounds Surgical Trauma, University of Pittsburgh Medical Center, “Acute Postoperative Pain Management”. May 15, 2007, Pittsburgh, Pennsylvania.

Visiting Professor, Grand Rounds, University of Massachusetts Medical School, “Pharmacology and toxicity Local Anesthetics”, department of Plastic Surgery and “Acute Postoperative Pain Management”, department of Anesthesiology. August 26, 2007, Worcester, Massachusetts.

Invited Speaker, Sixth International Trauma Meeting, University of Pittsburgh Medical Center, “Pain Relief Strategies”. September 23 – 24, 2007, Pittsburgh, Pennsylvania.

Visiting Professor, Grand Rounds, Oregon Health & Science University School of Medicine, “Problem-based Learning Discussion”. October 1, 2007, Portland, Oregon.

Invited Speaker, OAPRS 4<sup>th</sup> Annual PreASA meeting. ”Guidelines for the Us of Peripheral Nerve Blocks & Anticoagulants” and “What’s New in Orthopedic Anesthesia & Pain”. October 12, 2007, San Francisco, California

- 2008
- Visiting Professor, Grand Rounds, The University of Texas Medical Branch at Houston, “Paravertebral Blocks”. March 13, 2008, Houston, Texas.
- Invited Speaker, University of Louisville School of Medicine, Fifth Annual Fireworks in Anatomy of Regional Blockade, “Lumbar Plexus Block” May 19-20, 2007, Louisville, Kentucky
- Invited Speaker, 4<sup>th</sup> UPMC Regional & Anesthesia Hemostasis Symposium, “Blood Homeostasis and Regional Anesthesia in Orthopaedics”, April 5-6, 2008, Nemacolin Woodlands Resort, Farmington, Pennsylvania
- Visiting Professor, Medical College of Wisconsin, Evening Lecture, “Postoperative Pain Management”, Grand Rounds “Paravertebral Blocks”. April 8-9, 2008, Madison, Wisconsin
- Invited Speaker, 12<sup>th</sup> Annual Meeting of the Society for Airway Management. “Regional Anesthesia in Patient with a Known Difficult Airway”. September 21, 2008, Boston, Massachusetts
- Visiting Professor, Grand Rounds, University of Western Ontario, “Acute Pain Management in Orthopaedics” September 24-25, 2008, London Ontario
- Visiting Faculty, Resident Seminar, University of Western Ontario, “Paravertebral Blocks” September 24-25, 2008, London Ontario
- Visiting Professor, University of Western Ontario, “New Developments in Regional Anesthesia” September 24-25, 2008, London Ontario
- Invited Speaker, University of Toronto 15<sup>th</sup> Annual Regional Anesthesia & Pain Medicine 2008 Hands-on Workshop. “Analgesic Techniques for Open Abdominal Surgery – Thoracic Epidural, Paravertebral Block”. September 25-28, 2008, Niagara-on-the-Lake, Ontario
- Invited Speaker, University of Toronto 15<sup>th</sup> Annual Regional Anesthesia & Pain Medicine 2008 Hands-on Workshop. “Pro:Con Debate Peripheral Nerve Block versus Local Infiltration Analgesia for Major Joint Surgery – Con”. September 25-28, 2008, Niagara-on-the-Lake, Ontario
- Invited Speaker, University of Toronto 15<sup>th</sup> Annual Regional Anesthesia & Pain Medicine 2008 Hands-on Workshop. “Panel Discussion – Wound Infiltration/Infusion for Orthopedic Surgery”. September 25-28, 2008, Niagara-on-the-Lake, Ontario

Invited Speaker, University of Toronto 15<sup>th</sup> Annual Regional Anesthesia & Pain Medicine 2008 Hands-on Workshop. “Breakfast with the Experts”. September 25-28, 2008, Niagara-on-the-Lake, Ontario

Invited Speaker, University of Toronto 15<sup>th</sup> Annual Regional Anesthesia & Pain Medicine 2008 Hands-on Workshop. “Recent Advances in Regional Anesthesia; Nerve Stimulation”. September 25-28, 2008, Niagara-on-the-Lake, Ontario

Invited Speaker, University of Toronto 15<sup>th</sup> Annual Regional Anesthesia & Pain Medicine 2008 Hands-on Workshop. “Nerve Stimulator Workshop”. September 25-28, 2008, Niagara-on-the-Lake, Ontario

Invited Speaker, OAPRS Fifth Annual pre-ASA Meeting, “Controversy in Regional Anesthesia: Continuous Wound Infusion vs. Continuous Nerve Blocks, Pro-Continuous Nerve Block”, October 17<sup>th</sup>, 2008, Orlando, FL

Invited Speaker, Fourth Annual UPMC Pain Management Symposium, “Billing and Collection for Regional Anesthesia”, November 7-9<sup>th</sup>, 2008, Nemaquin Woodlands Resort, Farmington, Pennsylvania

2009

Invited Speaker, AAPC Coding Association & UPP Department of Pediatrics, Children’s Hospital of Pittsburgh of UPMC, “Coding for Peripheral and Paravertebral Nerve Blocks”, February 19<sup>th</sup> 2009, Pittsburgh, PA

Visiting Professor, Grand Round, “Paravertebral Blocks for Post-operative Analgesia”, Beth Israel Deaconess Medical Center, Harvard Medical School, March 3<sup>rd</sup>, 2009, Boston, MA

Visiting Professor, Grand Rounds, Beth Israel Deaconess Medical Center, Harvard Medical School, “Role of Regional Anesthesia in the Peri-Operative Management of Pain in the Elderly and the Very Elderly”, March 4<sup>th</sup>, 2009, Boston, MA

Invited Speaker, University of Louisville School of Medicine, Sixth Annual Fireworks in Anatomy of Regional Blockade, “Lumbar Plexus Block”; “Complications – Anticoagulation and Nerve Damage Before and After – What to Do?”; “Paravertebral Catheters and Application April 18-19, 2009, Louisville, Kentucky

Invited Speaker, “Update in Regional Anesthesia and Thromboprophylaxis: Chest Guideline: What to Make of Them?” 6<sup>th</sup>

Annual pre-ASA joint Meeting of OAPRS/SAGA, New Orleans, LA, October 16, 2009

2010 Visiting Professor, Grand Rounds, NYU, “The Organization and Economics of an Acute Interventional Perioperative Pain Service”, February 17<sup>th</sup>, 2010, New York, NY.

Invited Speaker, Penrose-St. Francis Health Services 17<sup>th</sup> Annual Anesthesia Symposium, “Update on Ultrasound guided Blocks”; “Joint replacement as an ambulatory procedure”, April 18<sup>th</sup>, 2010, Colorado Springs, Denver

Invited Speaker, 1<sup>st</sup> Annual Regional Anesthesia Workshop, North Shore LIJ Health Systems, “Anatomy of Femoral, Sciatic and Lumbar Plexus Approach”, November 14-15, 2010, Lake Success, NY

Invited speaker, PGA 64 Meeting, Advances in Acute Pain management; “Continuous Peripheral Nerve Blocks in Acute Pain Management”, “The Management of Multi-Site and Sub-Specialty Groups: Tips from the Pros”, December 10-15, New York, NY

2011 Invited speaker, Seventh Update in Regional Anesthesia and Ultrasound Techniques. Update in Acute & Chronic Pain and Liver Transplantation Anesthesiology. “Con-Pregabalin”, “use of ketamine for back surgery”, Nemaocolin Woodlands Resort, April 9-10, 2011

Invited speaker, “Neuroanesthesia for the Occasional Neuroanesthesiologist, “How to set up an acute Pain service”, “Thromboprophylaxis and regional anesthesia” and “Paravertebral blocks”, NYU, New-York, New-York, June 4-5, 2011

Invited Speaker, “OAPRS proposed guidelines for peripheral nerve blocks and thromboprophylaxis, (round table discussion)”, 8<sup>th</sup> Annual pre-ASA joint Meeting of OAPRS/SAGA, Chicago, Illinois, October 14, 2011

Invited speaker, “Thromboprophylaxis and Regional Anesthesia for Joint Replacement”. 55th Edward T. Smith Orthopaedic Lectureship, Houston, Texas, November 3, 2011

Invited Speaker, Second Annual, Ultrasound-Based Regional Anesthesia, “Lumbar plexus and Sciatic anatomy” Long Island, New-York, November 12-13, 2011

Invited speaker, PGA 65 Meeting, “Continuous Peripheral Nerve Blocks”. New York, NY, December 9-13, 2011

2012

Invited Speaker, "Ten Years of AIPPS". Eighth Update In Regional Anesthesia and Ultrasound Techniques. Update in Acute & Chronic Pain and Liver Transplantation Anesthesiology. Nemaocolin Woodlands Resort, April 20-22, 2012

Invited Speaker, "Past, Present and Future: Acute Interventional Perioperative Pain Service", Eighth Update In Regional Anesthesia and Ultrasound Techniques. Update in Acute & Chronic Pain and Liver Transplantation Anesthesiology. Nemaocolin Woodlands Resort, April 20-22, 2012

Invited Speaker, "New Anticoagulants Oral Xa Inhibitor: Paradigm Shift in VTE Prophylaxis after Knee and Hip Replacement". Eighth Update In Regional Anesthesia and Ultrasound Techniques. Update in Acute & Chronic Pain and Liver Transplantation Anesthesiology. Nemaocolin Woodlands Resort, April 20-22, 2012

Invited Speaker, "Femoral, Saphenous, Ultrasound & Nerve Stimulator Lumbar Plexus Blocks"; University of Louisville School of Medicine Eighth Annual Fireworks in Anatomy of Regional Blockade, Louisville, Kentucky, June 2-3, 2012

Invited Speaker, "Where do Paravertebrals Fit into Daily Practice?" University of Louisville School of Medicine Eighth Annual Fireworks in Anatomy of Regional Blockade, Louisville, Kentucky, June 2-3, 2012

Invited Speaker, "Setting Up a Regional-Based Practice Community Hospital Setting" University of Louisville School of Medicine Eighth Annual Fireworks in Anatomy of Regional Blockade, Louisville, Kentucky, June 2-3, 2012

Invited Speaker, "We use the same name but do we mean the same block"? Ninth Annual pre-ASA Joint Meeting of OAPRS/SAGA October 12, 2012, Fairmont Washington Georgetown, Washington, DC

Invited Speaker, "Anatomy of Femoral, Sciatic and Lumbar Plexus Approach" 3<sup>rd</sup> Annual Ultrasound-Based Regional Anesthesia Conference 2012. November 18, 2012. Bioskills Education Center for Advanced Medicine, Lake Success New York

Invited Speaker, "Sonoanatomy of Lower Extremity" 3<sup>rd</sup> Annual Ultrasound Based Regional Anesthesia Conference 2012. November 18, 2012. Bioskills Education Center for Advanced Medicine, Lake Success New York

Lead Speaker, “Best Practice Perioperative Management: Clinical Pathways for Early Rehabilitation and Recovery”. American Society of Anesthesiologists Annual Meeting, October 14<sup>th</sup>, 2012 Renaissance Hotel Washington, DC

2013

Invited Speaker, “LHAS Innovation Award”. Ninth Update in Regional Anesthesia and Ultrasound Techniques; Update in Acute & Chronic Pain and Liver Transplantation Anesthesiology. Nemaquin Woodlands Resort, April 19-21, 2013

Invited Speaker, “Paravertebral Blocks”. Yale Visiting Professor Lecture Series. Yale University School of Medicine, New Haven, CT. May 28, 2013

Invited Speaker Grand Rounds, “Acute Interventional Perioperative Pain Service: Present and Future”. Yale Grand Rounds Professor Lecture Series. Yale University School of Medicine, New Haven, CT. May 29, 2013

Invited Speaker, “Thromboprophylaxis with Rivaroxaban in the Orthopedic Patient”. Tenth Annual pre-ASA Joint Meeting of OAPRS/SAGA, October 10, 2013. San Francisco Hilton Union Square, San Francisco, California

Moderator and Lead Speaker, Panel Session. “Role of Regional Anesthesia in Trauma”. American Society of Anesthesiologists Annual Meeting, October 14, 2013, Moscone Convention Center, San Francisco, California

Invited Speaker “Sonoanatomy of Lower Extremity” Fourth Annual Ultrasound Based Regional Anesthesia Conference 2013. November 17, 2013. Bioskills Education Center for Advanced Medicine, Lake Success New York

2014

Visiting Professor, Department of Anesthesiology, Columbia University, NY, Grand Round, “Paravertebral in Clinical Practice” January 30<sup>th</sup> 2014

Invited Speaker, UPMC Pain Management Retreat, Cumberland Woods Conference Center, UPMC Passavant Hospital, October 1, 2014.

Invited Speaker, “Paravertebral Blocks”. University of Texas Medical School, Houston Texas. October 9, 2014

Invited Speaker Grand Rounds, "Regional Anesthesia" Orthopaedic Surgery Grand Rounds Lecture Series, LSU Health Shreveport, LA. October 17, 2014.

2015 Guest Lecturer, University of Pittsburgh Department of Anesthesiology Grand Rounds Lecture Series, September 17, 2015. Pittsburgh, Pennsylvania "Acute Interventional Perioperative Pain Medicine: Past, Present and Future"

Invited Speaker, PGA 69 Meeting. "Regional Anesthesia for Orthopedic Surgery: Key Points for Success in Establishing a Regional Anesthesia Service for Orthopedic Patients". New York, NY December 13, 2015

Invited Speaker, PGA 69 Meeting. "Recent Advances in Affecting Your Practice: Advances in Acute Postoperative Pain Management". New York, NY December 15, 2015

#### **INVITED LECTURER – INTERNATIONAL**

1981 13th International Meeting of Anesthesiology and Resuscitation, Paris, France

Scientific Session of the French Anesthesiology Society, Lille, France

1983 Scientific Session of the French Anesthesiology Society, Paris, France  
International Symposium on the New Vistas on Calcium Antagonists, Paris, France

1988 Lederle Laboratories Symposium, Geneva, Switzerland

1998 Guest Lecturer, Centre Hospitalier Régional Metz-Thionville, Metz, France, February 25, 1998. Lecture entitled "Pharmacology of Blood Substitutes in Pre-Hospital Trauma Patients"

1999 Guest Lecturer, Padua University School of Medicine, Padua General Hospital, Seminars on Anaesthesia and Intensive Care, Padua, Italy, May 25, 1999. Lecture entitled "Peripheral Nerve Blocks"

Guest Lecturer, Anesthesiology and Critical Care Annual Meeting, Dijon, France, June 18-19, 1999. Lecture entitled "Utilization of Hemoglobin Substitute."



AGORA Meeting, Rennes, France, November 27-28, 1999. Lecture entitled "How to Improve Rotation of Patients in the Recovery Room." Rennes, France.

2000 Guest Lecturer at the Hadassah-Hebrew University Hospital, Jerusalem, Israel, November 21, 2000. Lecture entitled "Regional Anesthesia."

Guest Lecturer, Wolfson Medical Center Regional Anesthesia Conference, Sponsored by the Israel Society of Anesthesiologists, Holson, Israel, November 24, 2000. Lecture entitled "Continuous Peripheral Nerve Blocks for Ambulatory Surgery."

Guest Lecturer, 'Pain Management in the Third Millennium' Meeting at the Plenary Session, Haifa, Israel, November 28-29, 2000. Lectures entitled "Peripheral Blocks for Postoperative Pain" and "Hands-On Peripheral Blocks."

2001 Guest Lecturer, Anesthesiology Association of the Province of Quebec (AAQ), Quebec, Canada, March 29 & 30, 2001, "Continuous Peripheral Nerve Blocks for Orthopedic Surgery."

Guest Speaker, Seoul, Korea, October 4-7, 2001, "COX-2 Inhibitors for Postoperative Pain Management," and "Continuous Perineural Infusion: Techniques and Indications."

Guest Lecturer, 8<sup>th</sup> ESRA Italian Chapter Congress, Bologna, Italy, October 25, 2001, "Outpatient and Regional Anesthesia"

2002 10<sup>th</sup> European Society of Anesthesia SA, Nice, France, April 6-9, 2002, Lectures "New and Old Approaches to the Sciatic Nerve Block: Rationalize the Choice" and "Peripheral Nerve Block: State of the Art."

Guest Lecturer, Parma Department of Anesthesiology and Society of Medical Science: "Anesthesia Technique for Day Surgery."

Guest Lecturer, The Asociacion de Reumatologos de Puerto Rico, Cox-2: Safety and Effectiveness – a Symposium for Rheumatologists, San Juan, Puerto Rico, Sept. 7, 2002. Lecture entitled "Management of Orthopedic Surgical Pain." (Includes CME)

Guest Lecturer, 22<sup>nd</sup> Annual Meeting of The Japan Society for Clinical Anesthesia, October 31, 2002. Lecture entitled "Peripheral Nerve Blocks for Intraoperative Pain Management."

- Guest Lecturer, 15<sup>th</sup> Annual Meeting of The Japanese Society of Regional Anesthesia, November 2, 2002. Lecture entitled “Continuous Blocks for Postoperative Pain Management in Orthopedics.”
- 2003
- Guest lecturer, Singapore Orthopaedic Association, Bone and Joint Symposium for Orthopaedic Surgeons, (Sentosa, Singapore, February 22, 2003); Lecture entitled: Post-operative Pain management in Orthopaedics. Singapore Orthopaedic Association, Bone and Joint Symposium for General Practitioners, (Sentosa, Singapore, February 23, 2003)
- Guest Lecturer, 11<sup>th</sup> European Society of Anesthesia SA, presentation entitled: New thoughts in the management of pain. Glasgow, Scotland, May 31-June 3, 2003, “Continuous Regional Anaesthesia and Outcome Peripheral Nerve Blocks” and “Regional anaesthesia for femur fracture repair: Pro lumbar plexus Block”
- Guest Lecturer, Dolere: L’Epidemia silente, Rionero in Vulture, PZ, Italy, June 6-7 2003. “Role of peripheral nerve block in the treatment of acute and chronic pain”
- Invited Speaker, Tenth ESRA Italian Meeting, Modena, Italy, September 18-20, 2003, “ALR role in functional recovery”
- 2004
- Guest Lecturer, 4th European Congress Orthopaedic Anaesthesia & Pain, Maderia, Portugal, June 19-22, 2004, ”Peripheral nerve blocks for ambulatory surgery”, “Sending patient home with catheter: Pro”, “Alternative to epidural analgesia in patients undergoing orthopaedic procedures associated with the administration of anticoagulant” and “Update anti Cox2”
- Guest Lecturer, 12th Euro Anesthesia Meeting, Lisbon, Portugal, June 5-6 2004, “Regional anesthesia and antithrombotic therapy” and “Regional anaesthesia and outcome”
- Invited Speaker, XI European Society of Regional Anesthesia Italian Chapter. Palermo, Sicily, September, 17–19, 2004, “Recent Advance in Regional Anesthesia”
- 2006
- Invited speaker, “Anesthesia Management for Outpatient Surgery”, Lugano Switzerland September 15-17, 2006
- 2007
- Invited Speaker, STAR 2007 Selected Topics in Anesthesia E Rianimazione, Rome Italy November 15-16, 2007, “Mini invasive surgery and anesthesia”; “The role of regional anesthesia in outpatient surgery”.

- 2008                   Invited Speaker, 1<sup>st</sup> Casati Memorial International Congress Orthopedic Anesthesia and Pain, Bologna, Italy. May 15<sup>th</sup>-17<sup>th</sup>, 2008. “Anesthesia and Postoperative Analgesia for Minimal Joint Replacement”. “Day Surgery, Which analgesia technique”.
- 2009                   Invited Speaker, 63<sup>rd</sup> Congress SIAARTI, Florence, Italy. August 28<sup>th</sup> – September 1, 2009. “The role of Peripheral Nerve Blocks in 2009: Which kind of precautions do we have to adopt in case of peripheral blocks in patients with pharmaceutical thromboprophylaxis”.
- Invited Speaker, XV Reunion Annual ESRA, Espana. Pamplona, Spain. October 21-23, 2009. “Paravertebral lumbar block: differences and indications as regards classical psoas approach”. “Regional Anesthesia in the immune-compromised febrile or infected patient”. “Regional anesthesia in patients with spinal stenosis or mass occupation”. “Anesthesia and postoperative analgesia: outcomes following orthopedic surgery”.
- 2010                   Invited Speaker, Nuevos Horizontes en dolor Agudo Y Anesthesia Regional, August 27-28 2010, Bogota, Columbia. “Antecedentes historicos y perspectivas sobre anesthesia regional”; “Bloqueros paravertebrales en el control del dolor agudo postoperatorio; Analgesia en cirugia de torax”.
- Invited Speaker, the 64th SIAARTI National Congress, Parma, Italy, October 13-16<sup>th</sup>, 2010. “Update in Orthopedic Anesthesia and Analgesia”.
- 2013                   Invited Speaker, 15th Annual Conference: Challenges for Clinicians Westin Resort, St. John, U.S. Virgin Islands, January 21-26, 2013 “Paravertebral Blocks in Clinical Practice”; “Financial Implications of an Acute Pain Service”.
- Invited Speaker, 3rd World Congress of Regional Anesthesia & Pain; Sydney Convention & Exhibition Centre, Australia, February 3-7, 2013. “Post-surgical Pain Syndrome”.
- Invited Speaker, 3rd World Congress of Regional Anesthesia & Pain; Sydney Convention & Exhibition Centre, Australia, February 3-7, 2013. “Is lumbar plexus block contra-indicated in patients receiving thromboprophylaxis?”
- 2014                   Invited Speaker, Anestesia & Ortopedia Orthopea 2, Ata Hotel Executive, Milan Italy, April 3-5, 2014. “Regional anesthesia yesterday, today and tomorrow.

Invited Speaker, Anesthesia & Ortopedia Orthopea 2, Ata Hotel Executive, Milan Italy, April 3-5, 2014. "Roundtable on regional anesthesia techniques".

Invited Speaker, Anesthesia & Ortopedia Orthopea 2, Ata Hotel Executive, Milan Italy, April 3-5, 2014. "Local regional techniques. The best ever?"

Invited Chairman, Anesthesia & Ortopedia Orthopea 2, Ata Hotel Executive, Milan Italy, April 3-5, 2014. "Regional Anesthesia in Orthopaedic Traumatology Session".

Invited Speaker, Anesthesia & Ortopedia Orthopea 2, Ata Hotel Executive, Milan Italy, April 3-5, 2014. "The role of ultrasound guided regional anesthesia in the traumatized patient".

Invited Speaker, Anesthesia & Ortopedia Orthopea 2, Ata Hotel Executive, Milan Italy, April 3-5, 2014. "Outermost Techniques: the driving techniques in surgery of the foot and leg."

Visiting Professor, Grand Rounds, Hopital de Hautepierre, Strasbourg, France, May 28, 2014. "Paravertebral block techniques, indications and Perspectives".

#### **PARTICIPATION IN WORKSHOPS:**

- 1984                      Workshop on the Interaction between Calcium Channel Blockers and Anesthesia, Houston, Texas
- 1987                      Workshop on the Techniques, Methods and Modes of Assessing the Effect of Anesthetics on Myocardial Function, Kerkrade, The Netherlands
- 1988                      Workshop on "Preclinical Studies with Nimodipine, Miles Pharmaceuticals, Rye Brook, New York
- 1997                      Workshop on "Upper Extremity." American Society of Regional Anesthesiology, Boston, Massachusetts, October 4, 1997
- Workshop on "Plexus Nerve Blocks." Wesley Medical Center, Wichita, Kansas, November 13, 1997
- Workshop on "Nerve Blocks of the Upper Extremities – Mid-Humeral Approach," Plaza Medical Center, Fort Worth, Texas, November 15, 1997

- Workshop on “The Use of Remifentanyl Through the Stimulator,” Airport Marriott Long Beach, Long Beach, California, June 24-26, 1997
- Workshop on “The Use of Remifentanyl Through the Stimulator,” Methodist Hospital, Indianapolis, Indiana, July 8-10, 1997
- Workshop on “The Use of Remifentanyl Through the Stimulator,” Embassy Suites Downtown, Omaha, Nebraska, August 12-14, 1997
- 1998 Workshop on “Peripheral Nerve Block,” North Austin Medical Center, Austin, Texas, June 13, 1998
- Anesthesia Workshop on “Regional Techniques for Orthopedic Procedures,” Westin Oaks Hotel, Houston, Texas, September 19, 1998
- 1999 Anesthesiology Workshop on Peripheral Nerve Block Techniques, Marriott, Houston, Texas, February 20, 1999
- 2000 Upper and Lower Extremity Block Workshop, Virginia Commonwealth University, Richmond, Virginia, February 16-17, 2000
- Upper and Lower Extremity Block Workshop, Moses Taylor Hospital, Dupont, Pennsylvania, April 29, 2000
- 2001 Three-In-One and Anterior Approach Sciatic Nerve Block Workshop, Gulf Coast Anesthesiology Residents’ Research Conference, Galveston, Texas, April 28, 2001
- Nerve Block Workshop, Asian and Oceanic Society of Regional Anesthesia, Seoul, Korea, October 4-7, 2001
- 2002 Postoperative Pain Management in Orthopedics, First Houston International Symposium of Orthopedic Anesthesia and Pain, June 29, 2002, Houston, Texas
- Single Shot and Continuous Sciatic Blocks, presented at First Annual A Comprehensive Review of Regional Anesthesia, St. Luke’s-Roosevelt Hospital Center Department of Anesthesiology and The New York School of Regional Anesthesia, New York, NY, December 14, 2002
- 2003 Continuous Lower Extremity Blocks, presented at the American Society of Regional Anesthesia & Pain Medicine 28<sup>th</sup> Annual Spring Meeting & Workshops, April 2003, San Diego, CA

- Single-Shot vs. Continuous Nerve Blocks, presented at Second Annual A Comprehensive Review of Regional Anesthesia, St. Luke's-Roosevelt Hospital Center Department of Anesthesiology and The New York School of Regional Anesthesia, New York, NY, December 20, 2003
- 2004 Advances in Surgical Techniques and Post-operative Patient management: Innovations in Anesthesia and Post-op Pain management: How these can help minimize recovery times and optimize patient recovery. San-Francisco, California, March 11, 2004
- Axillary brachial plexus blocks, humeral canal, presented at the 13th World Congress of Anesthesiologists, Paris, France, April 17-23, 2004
- 2005 Lower Limb Techniques, presented at Third All Africa Congress, Hammamet, Tunisia, May 21-25, 2005
- 2006 Blocks to Take Home: Peripheral Nerve Block Techniques, presented at Colorado Society of Anesthesiologist, Denver, Colorado, September 9 & 10, 2006
- 2007 Ultrasound & Regional Room Technique Workshop presented at the Anesthetic and Perioperative Complications: Management & Treatment, University of Pittsburgh Medical Center, Cancun, Mexico, February 15-18, 2007
- IARS Annual Meeting, "Ultrasound, Simulation and Simulation for Peripheral Nerve Blocks" March 29-April 1, 2007, San Diego, CA
- 2008 IARS Annual Meeting, "Ultrasound, Simulation and Simulation for Peripheral Nerve Blocks" March 29<sup>th</sup>-1 April, 2009, San Francisco, CA
- American Society of Anesthesiologists Meeting, Peripheral Ultrasound workshop, Orlando, FL, October 2008
- 2009 IARS Annual Meeting, "Ultrasound, Simulation and Simulation for Peripheral Nerve Blocks" March 14-17<sup>th</sup>, 2009, San Diego, CA American Society of Anesthesiologists Meeting, Peripheral Ultrasound workshop, New Orleans, LA, Oct. 17-21<sup>th</sup>, 2009
- 2010 IARS Annual Meeting. Workshop "Ultrasound, Simulation and Stimulation for Peripheral Nerve Blocks", March 20-23<sup>th</sup>, 2010, Honolulu, Hawaii
- American Society of Anesthesiologists Meeting, Peripheral Ultrasound workshop, October 17-October 20<sup>th</sup>, 2010 San Diego, CA

- 1<sup>st</sup> Annual Regional Anesthesia Workshop, North Shore LIJ Health Systems, “Ultrasound workshop” November 14<sup>th</sup>-15<sup>th</sup>, 2010, Lake Success, NY
- 2011 IARS Annual Meeting. Workshop “Ultrasound, Simulation and Stimulation for Peripheral Nerve Blocks”, May 21<sup>st</sup> -23<sup>th</sup>, 2011, Vancouver, Canada
- American Society of Anesthesiologists Meeting, Workshop entitled “Workshop on Peripheral Nerve Blocks: Ultrasound, Simulation and Stimulation”, October 14-19, 2011 Chicago, IL
- 2<sup>nd</sup> Annual Regional Anesthesia Workshop, North Shore LIJ Health Systems, “Anatomy dissection & Ultrasound workshop”, November 12<sup>th</sup>-13<sup>th</sup>, 2011, Lake Success, NY
- 2012 Invited Faculty, IARS Annual Meeting, Advanced Ultrasound Guided Nerve Block Workshop, Boston, MA, May 19, 2012
- Invited Faculty, IARS Annual Meeting, Ultrasound, Simulation and Stimulation for Peripheral Nerve Blocks Workshop, Boston, MA, May 20, 2012
- Invited Faculty, Small Group Dissection, University of Louisville School of Medicine Eighth Annual Fireworks in Anatomy of Regional Blockade, Louisville, Kentucky, June 2-3, 2012
- “Workshop on Peripheral Nerve Blocks: Ultrasound, Simulation and Stimulation” October 13<sup>th</sup> - 17<sup>th</sup>, 2012 (ASA) American Society of Anesthesiologists Annual Meeting, October 14<sup>th</sup>, 2012 Renaissance Hotel Washington, DC
- 3<sup>rd</sup> Annual Regional Anesthesia Workshop, North Shore LIJ Health Systems, “Anatomy dissection & Ultrasound workshop”, November 17<sup>th</sup>-18<sup>th</sup>, 2012, Lake Success, NY
- 2013 Workshop Leader, 3<sup>rd</sup> World Congress of Regional Anesthesia & Pain; Sydney Convention & Exhibition Centre, Australia, February 3-7, “Regional Anesthesia for Truncal Surgery”
- Invited Faculty, IARS Annual Meeting, Advanced Ultrasound Guided Nerve Block Workshop, San Diego, California, May 5<sup>th</sup>, 2013.
- Invited Faculty, IARS Annual Meeting, “Ultrasound, Simulation and Stimulation for Peripheral Nerve Blocks”, San Diego, California, May 6<sup>th</sup>, 2013.

"Workshop on Peripheral Nerve Blocks: Ultrasound, Simulation and Stimulation" October 12-16, 2013 (ASA) American Society of Anesthesiologists Annual Meeting, October 14, 2013 Moscone Convention Center, San Francisco, California

"Workshop on Peripheral Nerve Blocks: Ultrasound, Simulation and Stimulation" October 12-16, 2013 (ASA) American Society of Anesthesiologists Annual Meeting, October 15, 2013 Moscone Convention Center, San Francisco, California

Fourth Annual Regional Anesthesia Workshop, North Shore LIJ Health Systems, "Anatomy dissection & Ultrasound workshop", November 17, 2013, Lake Success, NY

2014 "Ultrasound Workshop", Anesthesia & Ortopedia Orthopea 2, April 3-5, 2014. Ata Hotel Executive, Milan Italy

"Workshop on Peripheral Nerve Blocks: Ultrasound, Simulation and Stimulation" October 11-15, 2014 (ASA) American Society of Anesthesiologists Annual Meeting, October 13, 2014, Morial Convention Center, New Orleans, LA

#### **NATIONAL AND INTERNATIONAL SCIENTIFIC PRESENTATIONS:**

- 1. Scientific Session of the French Anesthesiology Society (Paris, France, 1978)**  
Communication: **Chelly J**, Tannières M-L, Schmitt H, Passelecq J: Pharmacology of nitroglycerin (Fr.).  
Communication: Tannières M-L, **Chelly J**, Derome P, Visot A, Vourc'h P: Nitroglycerin in water solution. Use as perioperative hypotensive agent [French].
- 2. Scientific Session of the French Anesthesiology Society (Lyon, France, 1978)**  
Communication: Fontaine B, Bertrandias E, Toumay D, **Chelly J**, Vigreux M-J, Passelecq J: Anesthesia in patients undergoing coronary bypass surgery [French].
- 3. 5th European Congress of Anesthesiology (Paris, France, 1978)**  
Communication: Bertrandias E, Grimault D. **Chelly J**, Fontaine B, Passelecq J: Hemodynamic complications in the course of coronary surgery.  
Communication: Chelly J, Passelecq J: Pharmacology of nitroglycerin.
- 4. 7th World Congress of Pharmacology (Paris, France, 1978)**  
Poster: Girre C, Grouzette J, **Chelly J**, Fournier E: Use of IV nitroglycerin. Pharmacokinetic comparison with topical use [French].
- 5. International Symposium on Alpha Blockers (Paris, France, 1979)**  
Communication: Mouille P, Huchet A-M, **Chelly J**, Schmitt H: AR-C239, a new potent alpha-adrenoceptor blocking drug.  
Communication: Levenson J, **Chelly J**, Payen D, Simon A, Safard M: Vasodilating effects of antihypertensive drugs; effects on arterial compliance.



- Communication: Chelly J, Kieffer J-P, Toumay D, Passelecq J: Use of nitroglycerin during pheochromocytoma surgery [French].
- Communication: Fontaine B, Bertrandias E., **Chelly J**, Kieffer J-Ph, Toumay D, Peyrat D, Passelecq J: Hemodynamic effects in patients with Prinzmetal angina during coronary bypass surgery [French].
- Communication: **Chelly J**, Tannieres M-L, Toumay D, Franchiset F, Alexandre J-H, Passelecq J: Effects of nitrates on bile ducts during gallbladder surgery [French].
- Communication: Delarrat M, **Chelly J**, Garcia A, Kergrohen F, Passelecq J: Clinical use of nitroglycerin as an hypotensive agent during general anesthesia for cesarean section [French].
6. **Scientific Session of the French Pharmacology Society (Dijon, France, 1980)**  
Poster: Arabi S, Levy-Toledano S, **Chelly J**, Huchet A-M: Platelet and alpha receptors: Alpha, and Alpha<sub>2</sub> [French].
7. **International Symposium of Prostacyclin (London, England, 1980)**  
Poster: **Chelly J**, Tricot A-M, Garcia A, Boucherie J-C, Fabiani J-N, Passelecq J, Dubost Ch: Hemodynamic effects of prostacyclin infusion after coronary surgery.
8. **Scientific Session of the French Pharmacology Society (Paris, France, 1980)**  
Communication: **Chelly J**, Kouyoumdjian J-C, Doursout M-F, Schmitt H: Cardiovascular effects of L-glutamate in dogs and rats (Fr.).  
Communication: Huchet A-M, **Chelly J**, Schmitt H: Role of alpha-1 and alpha-2 adreno-receptors in the baroreflex regulation [French].  
Communication: Levi-Toledan S, Wautier J-L, Caen J-P, Huchet A-M, **Chelly J**, Schmitt H: Alpha receptors and platelets (Fr.).
9. **International Symposium on Prostaglandin (Brussels, Belgium, 1980)**  
Communication: Tricot A-M, **Chelly J**, Garcia A, Boucherie J-C, Abry B, Passelecq J: Prostacyclin as vasodilator agent in coronary surgery.
10. **Scientific Session of the French Anesthesiology Society, Work Group on Concepts of Anesthesiology of the Cardiac Patient and Hemodynamic Problems Associated with Anesthesiology (Fr., Paris, France, 1980)**  
Communication: **Chelly J**, Passelecq J: Clinical use of nitroglycerin during aorto-coronary surgery [French].  
Communication: Tricot A, **Chelly J**, Garcia A, Boucherie J-C, Abry B, Passelecq J: Hemodynamic effects of prostacyclin in patients undergoing coronary bypass surgery [French].
11. **65th Annual Meeting of the Federation of American Societies for Experimental Biology (Atlanta, GA, 1981)**  
Communication: **Chelly J**, Buckley J: Hypertension and bradycardia after microinjections of L-glutamate into the nucleus of tractus solitarius.  
Communication: Garcia A, **Chelly J**, O'Grady J, Tricot A, Passelecq J: Effects of prostacyclin on pulmonary hemodynamics and blood gases in man after coronary surgery.
12. **54th Scientific Session of the American Heart Association (Dallas, TX, 1981)**

- Communication: **Chelly J**, Fabiani J-N, Chahine R, Tricot A-M, Carpentier A, Passelecq J, Dubost Ch: Prostacyclin after coronary surgery.
- Poster: Lechat Ph, **Chelly J**: Interaction of alpha-adrenergic receptors with ouabain-induced arrhythmias in guinea pigs.
13. **83rd Scientific Session of the American Society for Clinical Pharmacology and Therapeutics (Orlando, Florida, 1982)**  
Communication: **Chelly J**, Cazor J-L, Dandoy M, Garcia A, Carpentier A, Passelecq J: Hemodynamic and pharmacokinetic data of diltiazem infusions in patients after coronary surgery.
14. **4th Scientific Session of the Society of Cardiovascular Anesthesiologists (Washington, DC, 1982)**  
Communication: **Chelly J**, Ostermann G, Cazor J-L, Dandoy M: Hemodynamic effects of diltiazem infusions in patients after coronary surgery.
15. **5th Scientific Session of Texas Pharmacologists (Houston, TX, 1982)**  
Poster: Doursout M-F, **Chelly J**, Lekich R, Morrow DH: Effects of hydralazine on the baroreflex pathway.  
Poster: **Chelly J**, Doursout M-F, Ostermann G, Lewis R, Hartley C, Buckley J: Hemodynamic effects of molsidomine in chronically instrumented dogs.
16. **50th Scientific Session of the French Society of Physiologists (Toulouse, France, 1982)**  
Poster: Hartley CJ, Lewis RM, White BJ, Doursout M-F, **Chelly JE**: Pulsed Doppler: Evaluation of cardiovascular function in chronically instrumented dogs.
17. **Scientific Session of the French Therapeutic Society (Grenoble, France, 1982)**  
Communication: **Chelly J**, Cazor J-L, Dandoy M, Garcia A, Passelecq A: Hemodynamic effects of IV diltiazem after coronary bypass surgery [French].
18. **Scientific Session of the American Society of Pharmacology & Experimental Therapeutics (Louisville, KY, 1982)**  
Communication: Buckley J, Doursout M-F, Hartley C, **Chelly J**: Hemodynamic effects of molsidomine in chronically instrumented dogs.
19. **55th Scientific Session of the American Heart Association (Dallas, TX, 1982)**  
Poster: Hartley CJ, Lewis ML, Lastson LA, Chelly J, Entman ML: Transmural wall thickening dynamics on non-ischemic myocardium.
20. **67th Annual Meeting of the Federation of American Societies for Experimental Biology (Chicago, IL, 1983)**  
Communication: Buckley J, **Chelly J**, Doursout M-F, Hartley C, Lekich R, Morrow D: Hemodynamic effects of ciclosidomine in awake dogs.  
Communication: Chelly J, Buckley J: Hemodynamic effects of ciclosidomine (PRG 138 C1).
21. **Symposium on Fluid Homeostasis (Vichy, France, 1983)**  
Communication: Buckley J, Jandyala B, Huang Y-K, **Chelly J**: Effects of brain renin-angiotensin on saline intake in cardiovascular function in awake dogs.
22. **5th Scientific Meeting of the International American Society of Hypertension (Guaruju, Brazil, 1983)**  
Communication: Buckley J, Doursout M-F, Huang Y-K, **Chelly J**: Hemodynamic effects of cerebroventricular injections of renin in chronically instrumented dogs.

23. **Joint Meeting of the French and German Pharmacological and Toxicological Societies (Freibourg, West Germany, 1983)**  
Communication: Doursout M-F, Hartley C, **Chelly J**: Effects of hydralazine on cardiac on cardiac function and regional blood flow distribution in conscious normotensive dogs.
24. **9th World Congress of Pharmacology (London, England, 1984)**  
Communication: Buckley J, Doursout M-F, Hartley C, Tsoa C, **Chelly J**: Hemodynamic effects of chronic activation of the brain renin-angiotensin system.
25. **Symposium on Neuropeptides and Blood Pressure Control (Heidelberg, West Germany, 1984)**  
Communication: **Chelly J**, Doursout M-F, Hartley C, Buckley J: Hemodynamic effects of angiotensin II and bradykinin infused intraventricularly in conscious dogs.  
Communication: Buckley J, Doursout M-F, Hartley C, **Chelly J**: Hemodynamic effects of chronic intraventricular administration of renin in awake dogs.
26. **31st Scientific Session of the Association of University Anesthetists (Madison, WI, 1984)**  
Communication: Merin RG, **Chelly J**, Rogers K: Hemodynamic interaction of verapamil and isoflurane in the conscious dog.
27. **Scientific Session of the French Pharmacology Society (Angers, France, 1984)**  
Communication: **Chelly J**, Doursout M-F, Hartley C, Buckley J: Cardiovascular properties of angiotensin II in the conscious dog [French].
28. **50th Anniversary of the French Anesthesiology Society, Isoflurane Symposium (Paris, 1984)**  
Communication: **Chelly J**, Merin R, Kent R, Hartley C, Pierrot M: Comparative study of the effects of enflurane, halothane, and isoflurane on cardiac and regional hemodynamics in the chronically instrumented dog [French].
29. **107th Annual Meeting of the Western Pharmacology Society (Reno, NV, 1984)**  
Communication: **Chelly J**, Doursout M-F, Hartley C, Buckley JP: Cardiac and regional hemodynamic effects of nitroglycerin in conscious dogs.  
Communication: Buckley J, Doursout M-F, Tsoa C, **Chelly J**: Hemodynamic effects of intraventricular angiotensin II and renin in awake dogs.
30. **68th Annual Meeting of the Federation of American Societies for Experimental Biology (St. Louis, MO, 1984)**  
Communication: **Chelly J**, Doursout M-F, Hartley C: Effects of hydralazine on regional blood flow.
31. **58th Annual Congress of the International Anesthesia Research Society (Reno, NV, 1984)**  
Communication: Tannieres M-L, **Chelly J**, Chaignon M, Vourc'h M: Prostacyclin as a hypotensive agent during neurosurgery.  
Communication: Rogers K, **Chelly J**, Merin R, Taylor A: Verapamil-halothane interaction in the conscious dog.
32. **International Symposium on Calcium Entry Blockers and Tissue Protection (Rome, Italy, 1984)**

- Poster: **Chelly J**, Rogers K, Merin R, Taylor A, Hartley C: Verapamil-halothane interaction in the conscious dog.
33. **6th Scientific Session of the Society of Cardiovascular Anesthesiologists (Boston, MA, 1984)**  
Poster: Shenaq S, Stevens P, Karlberg H, **Chelly J**, Crawford S: Changes in mixed venous oxygen saturation during resection of thoracic aortic aneurysm.  
Poster: **Chelly J**, Henzt J, Tricot A-M, Garcia A, Passelecq J, Carpentier A: Prostacyclin as a vasodilator after coronary bypass surgery.  
Poster: Shenaq S, Chelly J, Karlberg H, Cohen E, Crawford S: Hemodynamic changes during thoraco-abdominal aortic aneurysm surgery.
34. **Reunion Internationale D'Anesthesiologie et de Reanimation XVII (Paris, France, 1985)**  
Communication: **Chelly J**: Effects of calcium channel blocking agents on the nervous system.
35. **59th Annual Congress of the International Anesthesia Research Society (Houston, TX, 1985)**  
Communication: **Chelly J**, Rogers K, Merin RG, Doursout M-F, Taylor A, Hartley C: Does chronic verapamil treatment affect the cardiovascular effects of anesthetics?
36. **69th Annual Meeting of the Federation of American Societies for Experimental Biology (Anaheim, CA, 1985)**  
Poster: **Chelly J**, Montastruc J-L, Hysing E, Dang-Trang L, Doursout M-F, Montastruc P: Centrally mediated cardiovascular effects induced by nicardipine in dogs.  
Communication: Doursout M-F, **Chelly J**, Hysing E, Merin R, Hartley C: Cardiac and regional hemodynamic properties of nicardipine, a new dihydropteridine derivative, in conscious dogs.  
Communication: **Chelly J**, Doursout M-F, Tsoa CC, Hysing E, Hartley C: Role of prostaglandin in nitroglycerin-induced vasodilation in conscious dogs.  
Communication: **Chelly J**, Doursout M-F, Tsoa CC, Hysing E, Hartley C: Role of prostaglandin in nitroglycerin-induced vasodilation in conscious dogs.
37. **108th Annual Meeting of the Western Pharmacology Society (Lake Tahoe, NV, 1985)**  
Communication: **Chelly J**, Doursout M-F, Tsoa CC, Hysing E, Hartley C: Role of prostaglandin in nitroglycerin-induced vasodilation in conscious dogs.
38. **6th Scientific Meeting of the Inter-American Society Hypertension (Cleveland, OH, 1985)**  
Poster: Doursout M-F, **Chelly J**, Hartley C, Buckley JP: Regional blood flows and cardiac function changes induced by angiotensin II in conscious dogs.  
Poster: **Chelly J**, Montastruc J-L, Doursout M-F, Dang-Trang L, Hysing E, Montastruc P: Blockade of central calcium channels induces hypertension in dogs.  
Poster: Buckley JP, Doursout M-F, Huang KW, Hartley C, **Chelly J**: Chronic effects of the central administration of renin on hemodynamic function and fluid and electrolyte balance.

39. **7th Annual Meeting of the Society of Cardiovascular Anesthesiologist (Phoenix, AZ, 1985)**
  - Poster: **Chelly J**, Hysing ES, Merin RG, Doursout M-F, Hartley C: Different effects of verapamil on cardiac rhythm during halothane, enflurane and isoflurane anesthesia.
  - Communication: Hysing ES, **Chelly J**, Doursout M-F, Merin RG, Hartley C: Isoflurane changes the cardiac and regional effects of the calcium channel blocker nicardipine.
40. **1985 Annual Meeting of the American Society for Pharmacology and Experimental Therapeutics (Boston, MA, 1985)**
  - Communication: **Chelly J**, Abernethy D, Hysing ES, Merin R, Doursout M-F: Effects of anesthetics on verapamil pharmacokinetics in dogs.
  - Communication: **Chelly J**, Kiechel JR, Hysing ES, Guerret M, Lavene D, Doursout M-F, Gomeni C: Pharmacokinetic-pharmacodynamic modeling of nicardipine in conscious dogs.
41. **1985 Annual Meeting of the American Society of Anesthesiologists (San Francisco, CA, 1985)**
  - Poster: **Chelly J**, Tricot A-M, Abry B, Garcia A, Carpentier A: Vasodilator properties of prostacyclin in patients after coronary bypass surgery.
  - Poster: **Chelly J**, Abry B, Dandoy M, Tricot A. Garcia A, Carpentier A: Hemodynamic effects of intravenous infusions of diltiazem in patients after coronary bypass surgery.
  - Poster: Merin RG, **Chelly J**, Abernethy D, Hysing ES, Jacobson L: Inhalational anesthetics alter the pharmacokinetics of verapamil.
42. **51st Annual Scientific Assembly of the American College of Chest Physicians (New Orleans, LA, 1985)**
  - Communication: Shenaq S, Stevens P, Karlberg H, **Chelly J**, Crawford ES: Changes in mixed venous oxygen saturation and hemodynamics during clamping and unclamping of the widows descending thoracic aorta.
43. **19th Annual Meeting of the Western Pharmacology Society (Alberta, Canada, 1986)**
  - Poster: Doursout M-F, Begaud B, Wong WA, **Chelly J**: Cardiac and regional hemodynamic consequences of alpha-1 blockade in conscious dogs.
44. **87th Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics (Washington, DC, 1986)**
  - Communication: **Chelly JE**, Hysing ES, Merin RG, Abernethy DR, Doursout M-F, Hartley CJ: Role of anesthesia on nicardipine plasma concentration-effect relationship.
  - Communication: Merin RG, **Chelly JE**, Hysing ES, Abernethy DR, Doursout M-F, Jacobson L, Kiechel JR: Effect of isoflurane on nicardipine pharmacokinetics.
45. **Annual Meeting for the International Anesthesia Research Society (Las Vegas, NV, 1986)**
  - Poster: Hysing ES, **Chelly J**, Doursout M-F, Merin RG, Hartley C: Isoflurane changes the cardiac and regional effects of the calcium channel blocker nicardipine in dogs.

46. **Federation of American Scientific and Experimental Biology Meeting (St. Louis, MO, 1986)**  
Communication: **Chelly JE**: Valpey-Fisher Tutorial.
47. **8th Annual Meeting of the Society of Cardiovascular Anesthesiologists (Montreal, Canada, 1986)**  
Poster: **Chelly JE**, Guerret M, Hysing ES, Merin RG, Abernethy DR: An inhalational anesthetic, isoflurane, affects the pharmacokinetics of a dihydropyridine calcium channel blocker, nicardipine, in dogs.  
Poster: Hill DC, **Chelly JE**, Dlewati A, Abernethy DR, Merin RG, Hartley CJ: Acute pharmacodynamic and pharmacokinetic interactions of lidocaine and verapamil in dogs.
48. **Congres de Pharmacologie Francophone (Rouen, France, 1986)**  
Poster: **Chelly J**, Montastruc JL, Doursout M-F, Dang-Tran L, Hysing E, Montastruc P: Effets cardiovasculaires centraux d'un anticalcique, la nicardipine.
49. **Annual Meeting of the American Society for Pharmacology Experimental Therapeutics (Baltimore, MD, 1986)**  
Poster: Dlewati A, Hill DC, **Chelly JE**, Hartley CJ, Merin RG: Effects of thiopental on verapamil hemodynamics in dogs.
50. **3rd World Conference on Clinical Pharmacology and Therapeutics (Stockholm, Sweden, 1986)**  
Poster: **Chelly JE**, Hill DC, Dlewati A, Abernethy DR, Doursout M-F, Hartley CJ, Merin RG: Hemodynamic interactions of lidocaine and verapamil.  
Poster: **Chelly JE**, Abernethy DR, Dlewati A, Hill DC, Doursout M-F: Effects of lidocaine on verapamil pharmacokinetics.
51. **11th Scientific Meeting of the International Society of Hypertension (Heidelberg, West Germany, 1986)**  
Poster: Buckley JP, **Chelly J**, Doursout M-F, Liang Y: Central angiotensin II mechanisms and the sodium pump.
52. **Annual Meeting of the French Pharmacology Association (Paris, France, 1986)**  
Poster: Doursout M-F, Huchet-Brissac A-M, **Chelly JE**: Mechanism of phenylephrine-induced tachycardia in conscious dogs.
53. **40th Annual Fall Conference and Scientific Sessions, Council for High Blood Pressure Research (Cleveland, OH, 1986)**  
Poster: Buckley JP, **Chelly J**, Doursout M-F, Liang Y: Central Administration of angiotensin II leads to release of Na<sup>+</sup>-K<sup>+</sup> inhibitor.
54. **Annual Meeting of the American Society of Anesthesiologists (Las Vegas, NV, 1986)**  
Communication: Dlewati A, Hill DC, **Chelly JE**, Abernethy DR, Merin RG: Effect of lidocaine on verapamil pharmacokinetics in dogs.
55. **30th Annual Meeting of the Western Pharmacology Society (Molokai, HI, 1987)**  
Poster: Doursout M-F, **Chelly JE**: Mechanism of phenylephrine-induced tachycardia in conscious dogs.
56. **61st Congress of the International Anesthesia Research Society (Orlando, FL, 1987)**  
Communication: **Chelly J**, Hill DC, Merin RG, Dlewati A, Abernethy DR: Effect of verapamil on lidocaine pharmacokinetics and dynamics in conscious dogs.

- Communication: Hill DC, **Chelly J**, Merin RG, Dlewati A, Abernethy DR: The effect of fentanyl on verapamil plasma levels and hemodynamics in dogs.
57. **88th Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics (Orlando, FL, 1987)**  
Communication: **Chelly JE**, Pool JL, Casar G, Turlapaty P, Laddu AR: Treatment of post-operative hypertension with intravenous nicardipine.
58. **Meeting of the Aerospace Medical Association (Las Vegas, NV, 1987)**  
Communication: Schmedtje JF, Taylor AA, **Chelly JE**: Changes in plasma atrial natriuretic factor levels associated with lower body negative pressures.
59. **Seventh Scientific Meeting of the Inter-American Society of hypertension (Buenos Aires, Argentina, 1987)**  
Poster: Dorsad M-F, Lang Y, **Chelly JE**, Buckley JP: Relationship between chronic stimulation of the brain renin-angiotensin system and the presence of a humoral inhibitor of the Na<sup>+</sup>-K<sup>+</sup> pump.
60. **Tenth International Congress of Pharmacology (Sydney, N. S.W., Australia, 1987)**  
Communication: Dorsad M-F, **Chelly JE**, Hill DC, Dlewati A, Abernethy DR, Merin RG: Effects of thiopental anesthesia on pharmacodynamics and pharmacokinetics of verapamil in dogs.  
Poster: Lokhandwala M-F, Dlewati A, **Chelly JE**, Dorsad M-F: Renal, cardiac and systemic hemodynamic effects of the dopamine receptor agonist SK&F 85174 in anesthetized dogs.
61. **Annual Meeting of the American Society of Anesthesiologists (Atlanta, GA, 1987)**  
Communication: Casar G, Pool JL, **Chelly JE**, Barton S, Turlapaty P, Laddu AR: Intravenous nicardipine for treatment of postoperative hypertension.
62. **89th Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics (San Diego, CA, 1988)**  
Poster: Pool J, Nestico P, **Chelly J**, Hudon, P, Achari R, Blanski L, Viray R, Turlapaty P, Laddu A: The effects of intravenous nicardipine (NIC) in postoperative hypertension.  
Poster: Dickinson TH, **Chelly J**, Abernethy DR: Distribution clearance (CL) in relation to total CL.
63. **62nd Congress of the International Anesthesia Research Society (San Diego, CA, 1988)**  
Poster: Suignard JL, Patel BS, **Chelly JE**, Jeroudi MO, Hartley CJ, Noon GP, Short HD, Bolli R: Myocardial function assessment during cardiopulmonary bypass.
64. **12th Scientific Meeting of the International Society of Hypertension (Kyoto, Japan, 1988)**  
Poster: Buckley JP, Doursout M-F, Liang Y-Y, **Chelly JE**: Influence of gender on centrally mediated angiotensin II-induced hypertension in dogs.
65. **12th Scientific Meeting of the International Society of Hypertension – Satellite Symposium "Central Neuro-Mechanisms for Hypertension" (Okinawa, Japan, 1988)**  
Poster: Doursout M-F, Wouters PF, **Chelly JE**: Centrally mediated hypertension induced by nimodipine in conscious dogs.

66. **Annual Meeting of the American Society of Anesthesiologists (San Francisco, CA, 1988)**  
Communication: **Chelly JE**, Hartley CJ, Suignard LJ, Patel BS, Noon GP, Short HD, Bolli R: Wall thickening probes for assessment of myocardial function in cardiac surgery.  
Poster: **Chelly JE**, Suignard LJ, Patel BS, Hartley CJ, Noon GP, Short HD, Bolli R, Naples JJ: Use of thickening fraction (TF) as an index of myocardial function during the postoperative period.
67. **61st Annual Scientific Sessions of the American Heart Association (Washington, DC, 1988)**  
Poster: Doursout M-F, Suignard L, Wouters PF, Buckley JP, **Chelly JE**: Chronic administration of ouabain induces hypertension in rats.
68. **38th Annual Scientific Session of the American College of Cardiology (Anaheim, CA, 1989)**  
Communication: Hartley CJ, Rabinovitz RS, Lee HS, Suignard LJ, Patel BS, **Chelly JE**: Postoperative monitoring of regional left ventricular function in man.
69. **63rd Congress of the International Anesthesia Research Society (Orlando, FL, 1989)**  
Communication: Wouters PF, Chelly JE, Doursout M-F, Hartley CJ, Merin RG: Effects of enflurane (E) on hepatic blood flow in chronically instrumented dogs.
70. **Eighth Scientific Meeting of the Inter-American Society of Hypertension (San Juan, Puerto Rico, 1989)**  
Poster: Buckley JP, Doursout M-F, Lawrence C, Liang Y-Y, **Chelly JE**: Hormonal steroids in centrally mediated angiotensin II sodium-dependent hypertension.
71. **Fourth World Conference on Clinical Pharmacology & Therapeutics (Mannheim-Heidelberg, Germany, 1989)**  
Communication: Doursout M-F, Wouters P, Varghese A, Lawrence C, Merin RG, **Chelly JE**: Effects of verapamil (V) on hepatic blood flow in conscious dogs.  
Communication: Wouters P, Doursout M-F, Varghese A, Kashimoto S, **Chelly JE**, Merin RG: Verapamil (V) disposition during inhalational anesthesia: Role of hepatic blood flow.
72. **Annual Meeting of the American Society of Anesthesiologists (New Orleans, LA, 1989)**  
Communication: Wouters P, Doursout M-F, Florence B, Merin RG, **Chelly JE**: Hemodynamic effects of sevoflurane in chronically instrumented dogs.  
Poster: Wouters P, Doursout M-F, Kashimoto S, Lawrence C, Merin RG, **Chelly JE**: Sevoflurane preserved hepatic arterial blood flow in dogs.
73. **International Symposium on the Diabetic Heart (Kyoto, Japan, 1989)**  
Communication: Doursout M-F, Kashimoto S, Lawrence C, **Chelly JE**: Cardiac performance in chronically instrumented diabetic rats.
74. **62nd Scientific Sessions of the American Heart Association (New Orleans, LA 1989)**  
Poster: Doursout M-F, **Chelly JE**, Lawrence C, Buckley JP: Gender, the Na<sup>+</sup>-K<sup>+</sup> pump, and angiotensin II-induced hypertension in conscious dogs.
75. **64th Congress of the International Anesthesia Research Society (Honolulu, Hawaii 1990)**



- Poster: Bernard JM, Doursout M-F, Wouters P, Florence B, Merin RG, **Chelly JE**: Comparison between hemodynamic effects of sevo-flurane and isoflurane in chronically instrumented dogs.
- Poster: Kashimoto S, Doursout M-F, Wouters P, Merin RG, **Chelly JE**: Effects of bupivacaine and lidocaine on cardiac function in awake and pentobarbital-anesthetized rats.
76. **Annual Meeting of the Federation of American Societies for Experimental Biology (Washington, D.C., 1990)**  
Poster: Steenberg ML, Varghese A, Doursout M-F, Merin RG, Drake RE, Laine GA, **Chelly JE**: Role of the lymphatic circulatory system in drug disposition.
77. **11th International Congress of Pharmacology (Amsterdam, The Netherlands, 1990)**  
Poster: **Chelly JE**, Doursout M-F, Hartley CJ: Effects of prostaglandins and the autonomic nervous system on nitroglycerin in conscious dogs.  
Poster: Doursout M-F, Wouters P, Kashimoto S, **Chelly JE**: Measurement of cardiac function in conscious rats.
78. **First International Symposium on Acute and Cancer Pain Management (Paris, France 1991)**  
Communication: Finnegan RF, Calodney A, **Chelly J**, McCullough L: Postoperative analgesia with transdermal fentanyl.
79. **American Pain Society Annual Meeting (New Orleans, LA, 1991)**  
Communication: Finnegan RF, Calodney A, **Chelly J**, McCullough L: Postoperative analgesia with transdermal fentanyl.
80. **Second International Symposium in the Management of Acute and Cancer Pain (Paris, France, 1992)**  
Communication: Finnegan RF, Grover P, Cocanour C, **Chelly J**: Intrapleural analgesia in acute chest trauma.
81. **Fifth Annual Update on Pain Management (Washington, DC, 1992)**  
Communication: Grover P, Finnegan RF, **Chelly J**: Control of phantom limb pain in the early postoperative period by epidural analgesia.
82. **Nitric Oxide and Vascular Protection (Houston, TX, 1992)**  
Communication: Doursout M-F, Kilbourn R, Lechevalier T, **Chelly JE**: Hemodynamic comparison of nitroglycerin (NTG) and N methyl-L-arginine (L-NMA) in conscious dogs.  
Communication: Doursout M-F, Kilbourn R, Lechevalier T, **Chelly JE**: Inhibition of nitric oxide synthesis preserves regional circulation.
83. **American Society of Anesthesiologists Annual Meeting (New Orleans, LA 1992)**  
Communication: Finnegan R, **Chelly J**, Bass B, Calodney A: Transdermal fentanyl analgesia in the postoperative patient.
84. **Association of University Anesthesiologists (AUA) 40th Annual Meeting (Winston-Salem, NC, 1993)**  
Poster: **Chelly JE**, Lechevalier T, Doursout M-F, and Kilbourn R: Hemodynamic consequences of nitric oxide synthesis in endotoxin-induced septic shock in conscious dogs.

85. **Association of University Anesthesiologists Satellite Symposium (Asheville, North Carolina, 1993)**  
Poster: Chelly JE, Lechevalier T, Doursout M-F, Kilbourn R: Halothane does not prevent NMA-induced pressor response in dogs.
86. **American Society of Anesthesiologists Annual Meeting (Washington, DC, 1993)**  
Communication: Doursout M-F, Lechevalier T, Kilbourn R, Liang YY, Chelly JE: Does lipopolysaccharide infusion simulate endotoxin shock in dogs?
87. **American Society of Anesthesiologists Annual Meeting (Washington, D.C., 1993)**  
Poster: Doursout M-F, Lechevalier T, Kilbourn R, Chelly JE: Does nitric oxide inhibitor reverse lipopolysaccharide-induced shock in awake dogs?
88. **American Society of Anesthesiologists Annual Meeting (Washington, D.C., 1993)**  
Poster: Lechevalier T, Doursout M-F, Kilbourn R, Chelly JE: Cardiovascular relevance of basal nitric oxide release in conscious dogs.
89. **Seventh International Trauma Anesthesia and Critical Care Society (Paris, France, 1994)**  
Poster: Doursout M-F, Lechevalier T, Kilbourn R, Chelly JE: N methyl-L-arginine on organ blood flow distribution in conscious dogs during septic shock.
90. **American Society of Anesthesiologists Annual Meeting (San Francisco, CA, 1994)**  
Communication: Lechevalier T, Doursout M-F, Kilbourn R, Chelly JE: Halothane does not interfere with vasoconstriction mediated by the nitric oxide synthase blockade.  
Communication: Doursout M-F, Kilbourn RG, Chelly JE: Role of nitric oxide in the vasodilation induced by propofol.
91. **Seventh Annual Symposium of the International Trauma Anesthesia and Critical Care Society (ITACCS) (Paris, France, 1994)**  
Poster: Doursout M-F, Lechevalier T, Kilbourn RG, Chelly JE: N methyl-L-arginine on organ blood flow distribution in conscious dogs during septic shock.
92. **European Society of Anaesthesiologists Annual Meeting (Paris, France, 1995)**  
Communication: Minkowitz H, Doursout M-F, Liang YY, Oguchi T, Kilbourn R, Chelly JE: Role of isoflurane and halothane in the cardiac and regional haemodynamic effects of nitric oxide synthase inhibition in dogs.  
Communication: Doursout M-F, Liang YY, Oguchi T, Kilbourn R, Chelly JE: Cardiac and regional haemodynamic effects of an infusion of N-methyl-L-arginine in conscious dogs.  
Communication: Chelly JE, Doursout M-F, Lechevalier T, Liang YY, Chelly F, Kilbourn RG: Cardiac and regional haemodynamic interactions between halothane and nitric oxide synthase in dogs.
93. **The American Society of Anesthesiologists (ASA) (Atlanta, Georgia, 1995)**  
Poster: Hagberg C, Abramson D, Chelly JE: A comparison of fiberoptic orotracheal intubation using two different intubating conduits.  
Poster: Khalil S, Doursout M-F, Oguchi T, Liang YY, Chelly JE: Hemodynamic effects associated with acute isovolemic hemodilution in conscious dogs.

- Poster: Oguchi T, Doursout M-F, **Chelly JE**: Role of nitric oxide on hemodynamic changes induced by prolamine in conscious dogs.
- Poster: Chelly JE, Hantler CB, Berry J, Kaiser RE Jr, Bikhazi GB, Finnegan RF: Multi-center, open-label study to evaluate the effect of repeat exposure of sevoflurane in patients ASA I-III.
- Communication: Minkowitz H, Doursout M-F, Liang YY, **Chelly F**, **Chelly JE**: Isoflurane but not halothane prevents the decrease in hepatic blood flow produced by nitric oxide synthase blockade.
94. **International Anesthesia Research Society (Washington, DC, 1996)**  
Poster: Khalil S, Doursout M-F, Oguchi T, Liang Y, Chelly J: Role of nitric oxide in hemodynamic changes induced by acute isovolemic hemodilution in conscious dogs.
95. **Eleventh World Congress of Anaesthesiologists (Sydney, Australia, April 14-20, 1996)**  
Poster: Doursout M-F, Oguchi T, Liang YY, Chelly JE: Does intralipid stimulate nitric system?  
Poster: Minkowitz HS, Davenport D, Chelly JE: Post-anesthetic care unit costs in a teaching hospital environment.
96. **The American Society of Anesthesiologists (New Orleans, LA, 1996)**  
Poster: **Chelly J**, Meison T, Pollock J, Hantler C: Oral RS-25259 prevents post-operative nausea and vomiting following laparoscopic surgery.  
Poster: **Chelly JE**, Oguchi T, Liang YY, Hartley CJ, Doursout M-F: Role of the intra-lipid solvent in the propofol-induced nitric oxide stimulation. American Society of Anesthesiology.  
Poster: Oguchi T, Doursout M-F, **Chelly JE**: Heparin potentiates the hemodynamic effects of prolamine in conscious dogs.  
Poster: Oguchi T, Doursout M-F, **Chelly JE**: Role of nitric oxide on hemodynamic changes induced by hypercapnia in conscious dogs.  
Poster: Phillip B, McLeskey C, **Chelly J**, McKenzie R, Kovac A, Whitmore J, Brown R: Evaluation of dolasetron mesylate dose needed to prevent post operative nausea and vomiting.  
Communication: Kovac C, **Chelly J**, McKenzie R, Phillip B, Pearman M, Meyerson L, Edwards M, Brown R: Multicenter intravenous dose response trial to assess the efficacy and safety of dolasetron mesylate in preventing postoperative nausea and vomiting.
97. **International Anesthesia Research Society (Washington, DC, 1996)**  
Poster: Khalil S, Doursout M-F, Liang Y, **Chelly J**: Halothane anesthesia affects the systemic and regional hemodynamic changes associated with acute isovolemic hemodilution in chronically instrumented dogs.
98. **Critical Care Society (San Diego, 1997)**  
Poster: Doursout M-F, Oguchi T, Liang YY, Hartley CJ, **Chelly JE**: Cardiac and regional hemodynamic effects of N-methyl-L arginine infusion in porcine endotoxic shock.
99. **Anesthesia-Analgesia (San Francisco, March, 1997)**

- Poster: Khalil S, Doursout M-F, Liang YY, **Chelly JE**: Role of halothane in the cardiac and regional hemodynamic responses to acute isovolemic hemodilution in dogs.
- Poster: Doursout M-F, Oguchi T, Liang YY, Hartley CJ, **Chelly JE**: Cardiac and regional hemodynamic effects of N-methyl-L arginine infusion in porcine endotoxic shock.
100. **American Society of Regional Anesthesia (Atlanta, GA, April, 1997)**
- Poster: **Chelly JE**, Howard G, Meyers T, Masson M: Improvement of cost-benefit ratio with the use of an interscalene block for shoulder surgery.
- Poster: **Chelly JE**, Greger J, Howard G: Simple interior approach for sciatic blockade.
101. **10th Annual Congress, European Society of Intensive Care Medicine (Paris, France, September 1997)**
- Poster: **Chelly JE**, Oguchi T, Hartley CJ, Doursout M-F: Cardiac and regional hemodynamic properties of intralipid in conscious dogs.
- Poster: Doursout, M-F, Kilbourn RG, Hartley CJ, **Chelly JE**: Haemodynamic properties of aminoguanidine in a porcine endotoxic shock model.
102. **Fifth International Meeting on Biology of Nitric Oxide (Kyoto, Japan, September, 1997)**
- Poster: Doursout, M-F, Kilbourn RG, Hartley CJ, **Chelly JE**: Comparison of responses to aminoguanidine and N-methyl-L arginine in a porcine endotoxic shock model.
103. **The American Society of Anesthesiologists (San Diego, CA 1997)**
- Poster: Davidson EM, Szmuk P, **Chelly JE**, Doursout M-F: Esmolol reduces nociceptive behavior in the rat formalin test
- Poster: Oguchi T, Doursout M, **Chelly J**: Role of nitric oxide on hemodynamic changes induced by prolamine in nonheparinized conscious dogs.
- Poster: Hagberg C, Minkowitz H, Boin M, Chelly M, Imam S, **Chelly J**: Routine elective awake intubation in morbidly obese patients is not indicated.
104. **European Society of Intensive Care Medicine, 10<sup>th</sup> Annual Congress (Paris, France, 1997)**
- Poster: **Chelly JE**, Oguchi T, Hartley CJ, Doursout M-F: Cardiac and regional hemodynamic properties of intralipid in conscious dogs.
- Poster: Doursout M-F, Kilbourn RG, Hartley CJ, **Chelly JE**: Hemodynamic properties of aminoguanidine in a porcine endotoxic shock model.
105. **Anesthesia-Analgesia (San Francisco, CA, 1997)**
- Poster: Khalil S, Doursout M-F, Liang YY, **Chelly JE**: Halothane anesthesia affects the systemic and regional hemodynamic changes associated with acute isovolemic hemodilution in chronically instrumented dogs.
106. **Eleventh Annual Congress, European Society of Intensive Care Medicine (Stockholm, Sweden, 1998)**
- Communication: Doursout M-F, Liang YY, Davis KL, Hartley CJ, **Chelly JE**: Inducible nitric oxide synthase activity in a porcine model.

107. **Nitric Oxide Institute Pasteur Euro Conferences (Paris, France, 1998)**  
Poster: Doursout M-F, Liang YY, Davis KL, Hartley CJ, **Chelly JE**: Role of iNOS in sepsis-induced hepatic vasodilation in a porcine model.
108. **The American Society of Anesthesiologists (Orlando, FL, 1998)**  
Poster: Davidson EM, Szmuk P, Doursout M-F, **Chelly J**: Antinociceptive properties of labetalol in the rat formalin test.  
Poster: Davidson EM, Szmuk P, Doursout M-F, **Chelly J**. Effects of nicardipine in the rat formalin test.  
Poster: Weavind LM, Nates JL, Pivalizza E, Doursout M-F, **Chelly JE**: Thromboelastogram in coagulation abnormalities after gas embolism.  
Poster: Doursout M-F, Hartley C, **Chelly JE**: Inducible nitric oxide synthase inhibition in a porcine endotoxic shock model.
109. **Experimental Biology Meeting (Washington, DC, April, 1999)**  
Poster: Doursout M-F, Davis KL, Hartley CJ, **Chelly JE**: Aminoguanidine inhibits sepsis-induced hepatic vasodilation in a porcine model.
110. **American Society of Regional Anesthesia (Philadelphia, PA, May, 1999)**  
Poster: **Chelly JE**, Tong W, Pagel V: Single anterior sciatic and continuous femoral nerve blocks for total knee replacement.  
Poster: **Chelly JE**, Delaunay L, Chevalraud E: Distal truncular blocks are safe and effective for carpal tunnel release.  
Poster: Doursout M-F, Davidson E, Chelly JE: Nociceptive properties of aminoguanidine in the rat formalin test.
111. **American Society of Anesthesiologists (Dallas, TX, October, 1999)**  
Poster: Nates JL, Weavind LM, Doursout M-F, Pivalizza, **Chelly JE**: Effects of mexilitene in coagulation abnormalities after gas embolism.  
Poster: Doursout M-F, Nates JL, Weavind LM, Joseph PM, **Chelly JE**: Role of nitric oxide in coagulation abnormalities in sepsis.  
Poster: Doursout M-F, Davidson EM, Szmuk P, **Chelly JE**: Analgesic properties of nitric oxide synthase inhibitors.  
Poster: **Chelly JE**, Greger J, Coupe K, Zaafran S: Continuous femoral infusion reduces the need for postoperative PCA morphine after total hip replacement.  
Poster: **Chelly JE**, Greger J, Zaafran S: Sciatic and 3-in-1 blocks reduced anesthesia requirement during total hip replacement.  
Poster: Hagberg CA, Vartazarian TN, **Chelly JE**: The incidence of gastroesophageal reflux with the esophageal-tracheal combitube as compared to the laryngeal mask airway: an analysis using tracheal and esophageal pH electrodes.
112. **Critical Care 29<sup>th</sup> Annual Educational Scientific Symposium (Orlando, FL, 2000)**  
Poster: Nates J, Weavind LM, **Chelly JE**, Doursout M-F: A thromboelastographic study of lipopolysaccharide-induced coagulation abnormalities in a pig endotoxemic shock model.
113. **European Society of Anesthesiologists Meeting, Vienna, Austria (2000)**  
Poster: Doursout M-F, Joseph PM, **Chelly JE**: Inducible nitric oxide synthase in various tissues in a porcine endotoxic shock model.

- Poster: Hagerg CA, **Chelly JE**: Prevalence of airway management skills (AMS) rotation in anesthesiology residency programs in the U.S.
114. **Experimental Biology Meeting, San Diego, CA (2000)**  
Poster: Doursout M-F, Liang YY, **Chelly JE**: Inhibition of nitric oxide synthase by NOS inhibitors: Cardiovascular and antinociceptive effects.
115. **European Society of Regional Anaesthesiologists Meeting, Rome, Italy (2000)**  
Poster: **Chelly JE**, Greger J, Harvey G, Gebhard R: Perineural or intra-articular PCA for ambulatory postoperative pain management.
116. **European Society of Anaesthesiologists, Gothenberg, Sweden (2000)**  
Communication: Hagberg C, Al-Samsam T, **Chelly J**, Harvey G, Gebhard R, Greger J: Subacromial patient controlled analgesia for outpatient shoulder reconstruction.
117. **American Society of Anesthesiologists Meeting (San Francisco, CA 2000)**  
Communication: Doursout M-F, Liang YY, **Chelly JE**: Role of NOS isoforms on the modulation of pain and associated cardiovascular effects in the rat formalin test.  
Poster: **Chelly JE**, Greger J, Gebhard R, Khan A: Effects of continuous femoral infusion (CFI) on outcome in patients undergoing total knee replacement (TKR).  
Poster: **Chelly JE**, Harvey G, Duc V, Khan A, Greger J: Ropivacaine infusions via perineural or intra-articular catheters for ambulatory postoperative pain management.  
Poster: **Chelly JE**, Hagberg CA, Gebhard R, Greger J, Khan A: Teaching peripheral nerve blocks to anesthesiology residents.  
Poster: Hagberg CA, **Chelly JE**, Saad Edin HE: Instruction and learning of airway management skills.
118. **International Anesthesia Research Society Meeting (Ft. Lauderdale, FL, 2001)**  
Poster: Matuszczak M, Sciard D, Greger J, Gebhard R, **Chelly JE**: Lower extremity blocks for orthopedic surgery in infants and children.  
Poster: Sciard D, Matuszczak M, Greger J, Gebhard R, **Chelly JE**: Lumbar plexus blocks for orthopedic procedures in infants.  
Poster: Greger J, **Chelly JE**, Gebhard R: Peripheral nerve block training during anesthesiology residency.
119. **Société of Française d'Anesthésie et de Réanimation (Paris, France, 2001)**  
Communication: Delaunay L, Chelly J: Analgesie perineurale continue auto controlée en ambulatoire.
120. **Asian and Oceanic Society of Regional Anesthesia (Seoul, Korea, 2001)**  
Workshop: **Chelly JE**, Sciard D, Matuszczak M: Peripheral nerve block techniques for the upper and lower extremities: An interactive workshop.  
Demonstration: **Chelly JE**, Sciard D, Matuszczak M: Regional anesthesia live demonstration.
121. **American Society of Anesthesiologists Meeting (New Orleans, LA 2001)**  
Poster: **Chelly JE**, Casati A, Al-Samsam T, Coupe K, Greger J, Criswell A: Continuous lumbar plexus block for postoperative pain management after acetabular ORIF.

- Communication: Safety and efficacy of a new fentanyl patient-controlled transdermal system for the treatment of postoperative pain after major surgery: A multi-center, placebo-controlled trial.
- Poster: **Chelly JE**, Greger J, Casati A, Al-Samsam T, McGarvey W, Clanton T: Continuous lateral sciatic blocks for acute postoperative pain management after major ankle and foot surgery.
- Poster: Gebhard RE, Al-Samsam T, Greger J, **Chelly JE**: Distal nerve blocks at the wrist for outpatient carpal tunnel surgery.
- Poster: Hagberg CA, **Chelly JE**: Recruitment and interview process of American anesthesiology residency programs.
- Poster: Barbero C, Fuzier R, Samii K, Zerhouni D, **Chelly JE**: Anterior approach in the sciatic nerve block: The puncture site is dependent on the patient's size.
122. **10<sup>th</sup> European Society of Anesthesia SA (Nice, France April 6-9 2002)**
- Poster/Discussion: Doursout M-F, Liang YY, **Chelly JE**: Role of nitric oxide on inflammatory hyperalgesia in rats.
- Poster: Hagberg CA, Pousman RM, Tung N, **Chelly JE**: Evaluation of placement and function of Paxpress (PAX) airway.
123. **Experimental Biology Meeting (San Diego, CA, 2002)**
- Poster: Doursout M-F, Joseph PM, Liang YY, Bhuiyan MBA, Hartley CJ, Chelly BO, **Chelly JE**: iNOS detection in a porcine model of septic shock.
124. **45<sup>th</sup> Annual Meeting of the Western-Pharmacology Society (Mazatlan, Sinaloa, Mexico, 2002)**
- Poster: Doursout, M-F, **Chelly JE**: Effects of estrogen in the regulation of nitric oxide pathway during the development of hypertension in rats.
125. **7th America-Japan Anesthesia Congress (Kofu, Japan, October 2002)**
- Poster: Doursout M-F, Liang YY, Chelly BO, Pousman R, Hartley CJ, **Chelly JE**: Cardiac and regional hemodynamics in lipopolysaccharide-treated pigs: role of nitric oxide.
126. **56th Annual Postgraduate Assembly, New York State Society of Anesthesiologists (New York, NY December 7, 2002)**
- Poster: D'Angelo R, Minkowitz H, Dalby P, Kovac A, Philip B, Gan TJ, **Chelly J**, Doblal D, Melson T, Hantler C, Shah LP, Chan A, Andria M, Khoo K-C, Coop A. A pilot, randomized, double-blind, dose-ranging study of intravenous granisetron (Kytril<sup>®</sup>) in the prevention of postoperative nausea and vomiting (PONV) in subjects undergoing abdominal hysterectomy.
127. **Critical Care Annual Meeting (San Antonio, TX; January 27-30, 2003)**
- Poster: Pousman R, Doursout MF, Fischer U, Liang Y, Chelly B, **Chelly JE**: Inhibition of iNOS prevents LPS-induced acute organ injury in conscious pigs.
128. **Experimental Biology Meeting (San Diego, CA; April 11-15 2003)**

- Poster: Doursout, M-F, Liang YY, Chelly B, Pousman RM, Fischer UM, Bhuiyan BM, Hartley CJ, **Chelly JE**: Evaluation of nitric oxide synthase isoforms and tissue specificity in a porcine endotoxin shock model.
129. **American Society of Anesthesiologists Meeting (San Francisco, CA 2003)**
- Poster: **Chelly JE**, Sullivan E, Hantler CB. Regional Anesthesia in the Anticoagulated Patient: Lessons from the Fondaparinux Database
- Poster: Continuous Sciatic Blocks Improved Postoperative Pain Management after Knee Arthroplasty
- Poster: Acute Postoperative Management for Ambulatory MIS Total Hip Arthroplasty
- Poster: Shi H, **Chelly JE**, Sinha RK, Soni D, Kandel A. The Use of Fondaparinux Does Not Increase the Risk of Perineural Hematoma Following Peripheral Nerve Blocks
130. **13th World Congress of Anesthesiologists (Paris, France April 17-23, 2004)**
- Poster: Doursout MF, Furuya A, Chelly B, Liang YY, Pousman R, Gebhard R, **Chelly JE**: Differential cardiovascular responses to isoflurane and propofol in septic rats: role of nitric oxide.
- Poster: Diemunsch PA, Hagberg CA, Soler L, Veillon F, Dietmann JL, Marescaux J, Koehl C, Schlotterbeck H, Pottcher J, **Chelly JE**, Dumitrascu G. How to teach fiberoptic intubation
- Poster: **Chelly JE**, Bauer K, Erksson B, Lasson M, Turpie A. The use of regional anesthesia in Orthopedic surgery. The lessons from the fondaparinux (Arixtra) data base.
- Poster: **Chelly, JE**, Ben-David B, Scott J, Kendel A, Merman R, Pizzi L. Fondaparinux (Arixtra) thromboprophylaxis does not increase the risk of perineural hematoma
131. **Experimental Biology Meeting (San Diego, CA, 2005)**
- Poster: Doursout M-F, Liang YY, Chelly B, **Chelly JE**: Contribution of the NO-sGC pathway in LPS rats.
132. **American University of Anesthesiologists (2004)**
- Poster: Doursout MF, Furuya A, Chelly B, Liang Y, Gebhard R, **Chelly J**: NOS isoforms specificity during isoflurane and/or propofol anesthesia in rats challenged with LPS.
134. **12<sup>th</sup> European Society of Anesthesia SA (Lisbon, Portugal, June 6-9 2004)**
- Poster: Doursout MF, Furuya A, Chelly B, Liang YY, Oousman R, Gebhard R, **Chelly JE**: Role of propofol and its solvent, intralipid in rats challenged with LPS.
135. **American Society of Anesthesiologists Meeting (Las Vegas, Nevada 2004)**
- Poster: Doursout MF, Liang YY, **Chelly JE**: Nuclear factor -kB activity and arterial response to LOPS in rats.
- Poster: Ben-David B, Ram Joshi R, **Chelly JE**. Continuous Paravertebral Blocks for Acute Pain Management
- Poster: Ben-David B, Merman R, Telesz P, **Chelly JE**. Bilateral Single Paravertebrals Blocks for Radical Prostatectomy. Report of 50 Cases.



- Poster: **Chelly JE**, Chirag J, Telesz P. Is Patient Consent a Barrier in Performing Peripheral Nerve Blocks?
136. **American Society of Anesthesiologists Meeting (New Orleans, Louisiana 2005)**
- Poster: **Chelly JE**, Misra L, Bertolizio G, Ben-David B, Joshi R. Lower extremity nerve blocks do not increase the risk of falling.
- Poster: Doursout M-F, Liang YY, Chelly B, **Chelly JE**: Contribution of the NO-sGC pathway in Rats Subjected to Moderate Hemorrhage.
- Poster: Misra L, Bertolizio G, **Chelly JE**. Relationship between prolonged nerve injuries and peripheral nerve blocks.
- Poster: **Chelly JE**, Joshi R, Kandel A, Merman R, Ben-David B. Continuous lumbar plexus blocks are safe for total hip replacement..
- Poster: **Chelly JE**, Ben-David B, Mears D, Nuzzi M, Telesz P. Anesthesia and postoperative pain management for minimally invasive hip surgery
- Poster: **Chelly JE**, Ben-David B, Rest C, Uskova A, Pizzi L. Continuous paravertebral blocks reduce the hospital length of stay following thoracotomy.
- Poster: **Chelly JE**, Glaser T, Merman T, Kandel A, Uskova A. Distance between skin and paravertebral space.
137. **IARS 80<sup>th</sup> Clinical and Scientific Congress (March 24-28, 2006; San Francisco, CA)**
- Poster: Merman R, Burman K, Uskova, A, **Chelly JE**. Hypotensive bradycardic events and paravertabtal blocks in the sitting position.
- Poster: Chelly JE, Ben-David B. Q and non-Q waves myocardial infactus in patients undergoing major orthopedic surgery.
- Poster: Ghisi D, Fanelli A, Matusic B, Joshi R, **Chelly JE**. Relationship between lumbar plexus and parasacral sciatic depth.
- Poster: Fanelli A, Ghisi D, Matusic B, Uskova A, **Chelly JE**. Weight Height & BMI are not strong predictors of Paravertebral Depth.
- Poster: Fanelli A, Ghisi D, Waters J, Merman R, **Chelly JE**. Blood Transfusions in Orthopedics.
138. **14<sup>th</sup> European Society of Anesthesia SA (Madrid, Spain, June 2006)**
- Poster Diemunsch P, Gan TJ, Philip BK, Girao MJ, Eberhart L, Irwin MG, Pueyo J, **Chelly JE**, Carides AD, Taylor A, Reiss T, Hinz M, Evans JK, Lawson FC. Single-dose aprepitant versus ondansetron for the prevention of postoperative nausea and vomiting: a randomized, double-blind Phase III trial in patients undergoing open abdominal surgery.
139. **American Society of Anesthesiologists Meeting (Chicago, IL October 2006)**
- Poster: **Chelly JE**, Horne JL, Rest C, Kandel A, Sudhakar Y. Impact of Pre-Operative Peripheral Nerve Blocks on the On-Time Transfer to the Operating Room .
- Poster: Matusic BP, Anthikad F, Ben-David B, **Chelly JE**. Imaging of Continuous Paravertebral Catheters
- Poster: **Chelly JE**, Schilling D, Uskova A, Joshi R, Merman R. Thromboprophylaxis and Peripheral Nerve Blocks.
- Poster: Ziegler S, Merman R, Uskova A, Joshi R, **Chelly JE**.

- Amicar Does Not Reduce Blood Losses in Patient Undergoing Total Hip Replacement.
- Poster: Ziegler S, Merman R, Kandel A, Ben-David B, **Chelly JE**.  
Bilateral Total Hip Replacement
- Poster: Baciarello M, Anthikad F, Ben-David B, Mears D, **Chelly JE**.  
Factors Limiting the Performance of Total Hip Replacement as an Ambulatory Procedure
- Scientific Exhibit: **Chelly JE**, Vicusi E, Ben-David B, Clark L, Buvanendran A.  
Orthopedic Anesthesia Pain and Rehabilitation Society
- Scientific Exhibit: Uskova A, Merman R, Ben-David B, Anthikad F, **Chelly JE**.  
Paravertebral blocks: Techniques and Indications
- Scientific Exhibit: Diemunsch PA, Joshi GP, Schlotterbeck H, Grieb N, **Chelly JE**,  
Hagberg C, Soler L, Noudem Y, Marescaux J. Virtual Model for Navigation in the Upper Airway: A Teaching Tool for Fiberoptic Intubation
140. **IARS 81<sup>st</sup> Clinical and Scientific Congress (March 23-27, 2007, Orlando, FL)**
- Poster: **Chelly JE**, Horne JL, Rest C, Kandel A, Sudhakar Y. Impact of Pre-Operative Peripheral Nerve Blocks on the On-Time Transfer to the Operating Room .
- Poster: Neumann, KJ, Szczodry, DM, **Chelly, JE**: Perineural catheter removal in patients receiving warfarin for thromboprophylaxis.
- Poster: **Chelly, JE**, Handley, LJ, Ben-David, B, Forte, PJ, Metro, D, Williams JP. Acute postoperative pain service in an academic and community hospital.
- Poster: **Chelly, JE**, Friend, K, Ben-David, B, Joshi, R, Hudson, M, Williams, JP. Economic benefits of an acute interventional postoperative pain service.
- Poster: Burns, DA, Ben-David, B, Biligen, J, **Chelly, JE**. Percutaneous intercostal catheterization for catheterization of the paravertebral space.
- Poster: **Chelly, JE**, Horne, JL, Bataille, F, Rest, C, Yennam, S. Role of anesthesia in the delays to the on-time transfer to the operating rooms.
141. **American Society of Regional Anesthesia and Pain Medicine (April 19-22, 2007, Vancouver, British Columbia, Canada)**
- Poster: Burns, D and **Chelly, JE**. Career Pathways of Graduates of a Regional Anesthesia Fellowship.
142. **American Society of Anesthesiologists Meeting (San Francisco, CA October 2007)**
- Poster: **Chelly, JE**; Szczodry, D; Forte, P; Quinlan, J. Role of anesthesia in delaying the on-time arrival in the operating room.
- Poster: Neumann, KJ, Szczodry, DM; **Chelly, JE**. Lumbar plexus nerve block catheter removal in patients receiving warfarin for thromboprophylaxis.
- Oral Presentation: Marino, J; Russo, J; Herenstein, R; Kenny, M; **Chelly, JE**. Continuous psoas compartment block vs. continuous femoral block or PCA for total hip arthroplasty.

- Scientific Exhibit: Anthikad, F; Burns, D, **Chelly, JE**. Signboards do not prevent unassisted ambulation in orthopedic patients with peripheral nerve blocks.
143. **American Society of Anesthesiologists Meeting (Orlando, FL, October 2008)**  
Poster: Ben-Ari AY, Bigeleisen P, **Chelly JE**: Ultrasound guided antero-medial sciatic approach.  
Poster: Ben-Ari AY, **Chelly JE**: Ultrasound guided parasacral nerve block.  
Poster: **Chelly JE**, Nelson JB, Szczodry DM, Jones KJ, Ben-David B: Multimodal Analgesia Including Paravertebral Blocks vs PCA Morphine for Radical Prostatectomy.  
Poster: **Chelly JE**, Hudson ME, Saha S, Williams JW: Financial Analysis of a Regional Anesthesia/Acute Pain Division.  
Oral Presentation: Pearce-Smith BA, Hudson ME, **Chelly JE**: Cost-Benefit Analyses of Adding Ultrasound Guided Nerve Blocks to Existing Acute Pain Service
144. **International Anesthesia Research Society Meeting (San Diego, CA, March 14<sup>th</sup> -17<sup>th</sup> 2009)**  
Poster: McElroy, S, Colaizzi I, Flemming T, **Chelly JE**. Continuous paravertebral nerve blocks for postoperative pain management after secondary breast reconstruction using tissue expanders.  
Poster: Moreno MG, McElroy S, Colaizzi I, Fleming T, **Chelly JE**. Continuous paravertebral nerve block for postoperative pain management after radical mastectomy with axillary node dissection (RMAND).  
Poster: Ben-Ari AY, Moreno GM, Bigeleisen PE, **Chelly JE**. Ultrasound guided approach for a continuous interscostal approach to the paravertebral space.  
Poster: Vallejo M, Moreno MG, **Chelly JE**. Ultrasound guided transversus abdominis plane blocks for postoperative analgesia following cesarean delivery.
145. **American Society of Regional Anesthesia and Pain Medicine 34<sup>th</sup> Annual Regional Anesthesia Meeting and Workshops (Phoenix, AZ April 30<sup>th</sup> -May 3<sup>rd</sup>, 2009)**  
Poster: anovski B, Ben-Ari A, **Chelly, JE**. Successful Passage of Catheter as a Method to Assess Skill Performing Continuous Paravertebral Block.  
Poster: Rizzuto, A, **Chelly, JE**. Lumbar Plexus Block and Epidural Spray: Is it that frequent?  
Poster: Ben-Ari A, **Chelly, JE**. Quantitative Measurement of Quadriceps Muscle Function Following Major Orthopedic Surgery.  
Poster: Luke C, **Chelly, JE**. Continuous Paravertebral Block for Post-operative Pain Management after Radical Mastectomy Combined with Breast Reconstruction.
146. **Sixth Congress of European Federation of IASP Chapters (EFIC) – PAIN IN EUROPE VI (Lisbon, Portugal September 9<sup>th</sup> -12<sup>th</sup>, 2009)**

- Poster: Ben-Ari A, Dai F, Belfer I, **Chelly JE**. Quantitative sensory testing (QST) and clinical variables in total knee arthroplasty (TKA) in patients with continuous peripheral nerve blocks (cPNB).
147. **American Society of Anesthesiologists Meeting (New Orleans, LA, Oct. 17<sup>th</sup> -21<sup>th</sup>, 2009)**
- Poster: Fanelli A, Ghisi D, Danelli G, **Chelly JE**, Fanelli G. Comparison between nerve stimulation and loss of resistance technique for lumbar plexus block.
- Poster: Ley JT, **Chelly JE**. Coagulopathy following liver resection frequently delays the removal of epidural catheters.
- Poster: Ghisi D, Fanelli A, Boretsky R, **Chelly JE**. Factors limiting the on time start of surgery in a level II Trauma Hospital.
- Poster: Ben-Ari A, Belfer I, Dai F, **Chelly JE**. Low dose continuous femoral blocks do not impact quadriceps strength after knee arthroplasty.
- Poster: Hudson ME, **Chelly JE**. Sugammadex is Effective in Reversing Rocuronium in the Presence of Kanamycin in the Abdominal Wash
148. **AUA 57<sup>th</sup> Annual meeting (Denver, CO, April 8<sup>th</sup> -10<sup>th</sup>, 2010)**
- Poster: Ben-Ari A, **Chelly JE**, Williams JP. Defining a quantitative pain phenotype and modeling postoperative pain state in surgical patients, using Hidden Markov Model.
149. **ASRA 35<sup>th</sup> Annual Regional Anesthesia Meeting and Workshops (Toronto, Canada, April 22<sup>th</sup> – 25<sup>th</sup>, 2010)**
- Poster: Harris D, **Chelly JE** Is an INR of 1.3 the safe upper limit for performing “ deep” continuous blocks?
- Poster: Gier B, Alarcon L, **Chelly JE**. Safety associated with the removal of paravertebral catheters in trauma patients receiving enoxaparin for thromboprophylaxis
- Poster: Wardhan R, Montoya M, **Chelly JE**. In Plane-Ultrasound guided Continuous Thoracic Paravertebral block for post operative analgesia in patient with history of left lung transplant.
- Poster: Wardhan R, Bonilla A, Wilson S, **Chelly J**. Continuous L2 Paravertebral block versus continuous Lumbar Plexus block for postoperative analgesia after Total Hip Arthroplasty.
150. **25<sup>th</sup> Anniversary Spring Meeting. Innovative Use of Technology in Anesthesia Education 9Pittsburgh, PA; June 4<sup>th</sup> -6<sup>th</sup>, 2010)**
- Poster: Harris D and Chelly JE. A Novel Approach to Fostering the Development of Future Physician Scientists
151. **Euroanesthesia (Helsinki, Finland, June 12<sup>th</sup> -15<sup>th</sup>, 2010)**
- Poster: **Chelly JE**, Cheung R, Yang R, Sanin L, Lionberger D. Efficacy and Safety of Pregabalin in the Treatment of Postoperative Pain Following total Knee Arthroplasty.
- Poster: Singla N, Spom J, **Chelly JE**, Murphy TK, Cheung R, Knapp L, Kehlet H. Efficacy and Safety of Pregabalin in the Treatment of Postoperative Pain Following Inguinal Herniorrhaphy.
152. **13<sup>th</sup> World Congress on Pain, (August 29<sup>th</sup> - September 2<sup>rd</sup>, 2010, Montreal, Canada)**

- Poster: **Chelly JE**, Hamilton D; Lang E; Melson T; Singla; Carr DB. Safety profile of Dyloject, a novel parenteral diclofenac formulation, in 971 postoperative patients including older, renally or hepatic impaired and anticoagulated.
153. **American Society of Anesthesiologists Meeting, (San Diego, CA; October 17<sup>th</sup> - October 20<sup>th</sup>, 2010)**
- Oral: **Chelly JE**, Singla N, Sanin L, Sporn J, Cheung R, Yang R. Use of Pregabalin for Postoperative Pain: Outcomes in 2 Trials.
- Poster: Carr DB, **Chelly JE**, Hamilton D, Lang E, Melson T, Daniels S. Dyloject, a Novel IV Diclofenac: Safety Profile in Healthy and at-Risk Post-operative Patient
154. **ASRA 36th Annual Regional Anesthesia Meeting and Workshops (Las Vegas, NV, May 04<sup>th</sup> -09<sup>th</sup>, 2011)**
- Poster Gierl B, Conrad E, Alacon L, **Chelly J.E.** Catheters in Trauma Patients Receiving Enoxaparin for Thromboprophylaxis
- Poster Lee J.K., Pearce-Smith B. **Chelly J.E.**, Wei, L. Continuous Paravertebral Catheters in Patients Who Underwent Minimally Invasive Cardiac Surgery: A Case Series.
- Poster Liu Q, Gold M.S., **Chelly J.E.** Local inflammation contributes to the loss of local anesthetic efficacies in sciatic nerve block – an animal study.
- Poster Lucic A.P., **Chelly, J.E.** Total Knee Arthroplasty as Ambulatory Surgery: Proof of concept. ASRA 2011
- Poster Conrad E., **Chelly, J.E.** Combination of Enoxaparin and Continuous Paravertebral Blocks for Major Gynecologic Surgery.
- Poster Marino J, Curtin J, Patrick C, Sison C, Koutsouras G, **Chelly JE.** A Retrospective Analysis of the Safety of Removal of Continuous Lumbar Plexus Catheters in Postoperative Anticoagulated Patients.
- Poster Gaurav R, Ruttum D, Cladis FP, **Chelly JE.** The Use of Ultrasound Imaging for Performing the Lumbar Plexus.
155. **American Society of Anesthesiologists Meeting (Chicago, Il October 14<sup>th</sup>-19<sup>th</sup>, 2011)**
- Poster: Wilson S, Aurox A-S, Merman R, **Chelly JE.** Ropivacaine 0.1% versus 0.2% for continuous lumbar plexus infusion following total hip arthroplasty.
- Poster: Marr LB, MD, MBA, Schilling D, Boretsky RM, MD; Hudson ME, **Chelly JE**, Talarico Ph, Kortyna R. Consumer confidence in the delivery of anesthesia services: Linking customer value to satisfaction.
- Poster: Gierl BT, Alacon L, **Chelly JE.** Safety Associated with the Removal of Paravertebral Catheters in Trauma Patients Receiving LMWH for Thromboprophylaxis.
- Poster: Liu Q, **Chelly JE**, Gold MS. Peripheral inflammation results in a decrease in the potency of local anesthetic-induced conduction block of the rat sciatic nerve.
- Poster: Marr LB, MD, MBA, Schilling D, Boretsky RM, MD; Hudson ME, **Chelly JE**, Barad RA Department of Anesthesia Based Management Protocol for Perioperative Corneal Abrasions.

- Poster: Total Joint Arthroplasty as an Ambulatory Surgery: Proof of Concept.  
Lucic A, Mears D, **Chelly JE**.
- Scientific Exhibit: Peripheral Nerve Blocks in Patients Receiving Perioperative  
Thromboprophylaxis. Merman R, Uskova A, **Chelly JE**
- 156. Combined CTOS - MSTs Meeting (Chicago, IL; October 26 - 29<sup>th</sup>, 2011)**
- Poster: McGough R, Goodman M, Eloy JD, Auroux A-S, Gavigan P, **Chelly JE**.  
The performance of peripheral nerve blocks is safe in patients undergoing  
the implantation of mega-prosthetic.
- 157. Practice Management 2012 (Orlando, FL; January 27-29, 2012)**
- Poster: Hudson M.E, **Chelly J.E.**, Thomson W.R., Williams J. P. The Use of Pro  
Forma Financial Statements as a Planning and Negotiation Tool for the  
Establishment of an Acute Interventional Pain Service.
- Poster: A Productivity Incentive Plan for an Acute Interventional Perioperative  
Pain Service in a Large Multi-Hospital Health Care System. Hudson M.E.,  
**Chelly J.E.**, Williams J. P.
- 158. ASRA 37<sup>th</sup> Annual Regional Anesthesia Meeting and Workshops (San Diego, CA,  
March 15<sup>th</sup> -18<sup>th</sup>, 2012)**
- Poster: Hall-Burton D, Boretsky K, Visiou M, Cassara A, Cladis F, **Chelly J.E**.  
Subspecialty training in pediatric regional anesthesia and Perioperative  
pain medicine: Anovel Fellowship track.
- Poster: Oliver L-A, Merman R, Hudson M, **Chelly J.E**. Near Missed Wrong Side  
Blocks.
- Poster: Klimowicz K, Visoiu M, Boretsky B, **Chelly JE**. Postoperative analgesia  
via Transversus Abdominis Plane (TAP) block for outpatient ureteral  
reimplantation procedure.
- Poster: Skoropowski G, Pearce-Smith B, Wei L, **Chelly JE**. Continuous  
Paravertebral catheters and minimally invasive cardiac surgery.
- 159. European Society of Anesthesia (ESA) Annual Meeting (Paris, France June 9-12, 2012)**
- Poster: Oliver L-A, Merman R, Hudson M, **Chelly J.E**. Near Missed Wrong Side  
Blocks.
- Poster: Skoropowski G, Pearce-Smith B, Wei L, **Chelly JE**. Continuous  
Paravertebral catheters and minimally invasive cardiac  
Surgery.
- 160. American Society of Anesthesiologists Meeting (Washington, DC, Oct. 14<sup>th</sup>-17<sup>th</sup> 2012)**
- Poster: Thangada S, **Chelly JE**. Lower Extremity Motor Blockade after  
Paravertebral Nerve Blocks in Urological Surgery.
- Poster: Cormican DS, Jernigan JA, Kandel A, **Chelly, JE**. Acute Onset Dyspnea  
after Placement of Thoracic Paravertebral Nerve Block Catheter.
- 161. Practice Management 2013 (Paris Hotel, Las Vegas, Nevada, January 25-27, 2013)**
- Poster: Hudson M, **Chelly, JE**, Williams, JP. Impact of an Acute Interventional  
Perioperative Pain Service on Cost and Revenue, Length of Stay, and  
Recovery Room Time at a Large Tertiary Care Hospital.
- 162. ASRA 38<sup>th</sup> Annual Regional Anesthesia Meeting and Workshops (Boston, MA, May  
2nd-5<sup>th</sup>, 2013)**

- Poster: Orebaugh SL, Conrad III ES, Taormina D, Webb D, **Chelly JE**. Use of Ultrasound Guidance for Peripheral Nerve Blockade at a large academic health care system over a 6-year period.
- Poster: Dai F, **Chelly JE**, Greco CM, Vulakovich KL, Qin L, Landsittel D, Crossett L, Belfer I. Association of acute post-operative pain with *COMT* functional variation in patients after Total Knee Arthroplasty (TKA).
- Poster: Greco CM, Vulakovich KL, Landsittel D, Belfer I, Dai F, **Chelly J**. Associations of Psychosocial and Demographic factors with Acute Pain following Total Knee Arthroplasty.
- Poster: **Chelly, JE**; Schilling, DE. Preliminary experience with the combination of thromboprophylaxis with rivaroxaban for and deep and superficial blocks.
- Poster: Hudson, M; **Chelly, JE**; Williams, JP. Wrong site blocks: 10 year experience in a large multi-hospital health care system
- Poster: Pearce-Smtih, BA; Draper, E; **Chelly, JE**. Liposomal Bupivacaine for Analgesia Following Multiple Rib Fractures.
- Poster: Lin, Ch; Pearce-Smtih, B; **Chelly, JE**. Paraspinous and Chest Wall Abscesses Following the Placement of a Continuous Thoracic Paravertebral Block and a Chest Tube.
- Poster: Qing, L; **Chelly, JE**; Gold MS. Variables Impacting the Efficacy of Regional Nerve Block for Post-operative Pain Management in Total Knee Arthroplasty (TKA) Patients: A Retrospective Study

**163. ASRA 39th Annual Regional Anesthesia Meeting and Workshops (Chicago, IL, April 3rd-6th, 2014)**

- Poster: Conrad E, Schitteck H, Metais B; Schilling D, Luke C, **Chelly JE**. Safety of rivaroxaban for thromboprophylaxis in patients undergoing joint replacement.
- Poster: Peterson AK, Fanelli A, Ghisi D, Jouguelet-Lacoste J; La Colla L, **Chelly JE**. A comparison of lidocaine 0.25% versus ropivacaine 0.2% for bilateral continuous thoracic paravertebral nerve blocks after bowel surgery.
- Poster: Guffey R, Moallempour M, Taormina D, Goodwin E, **Chelly JE**. Nerve stimulator minimum current relative to pulse duration at the interscalene level of the brachial plexus.

**164. American Society of Anesthesiologists Meeting (New Orleans, LA; October 11-15 2014)**

- Oral: Schreiber KL, **Chelly JE**, Lang SR, Abuelkasem E, Geller DA, Tsung, MD A, Marsh WJ, Sakai T. Bilateral Paravertebral Block versus Epidural Block for Postoperative Analgesia in Open Liver Resection: A Prospective Randomized Clinical Trial.

**165. 68<sup>th</sup> PostGraduate Assembly in Anesthesiology (New York, NY December 2014)**

Scientific Exhibit:

- Alimi D, **Chelly JE**, Michel-Cherqui M, Lin CJ, Kawabe T, Metais B. Auriculotherapy in Anesthesia and Pain

**Video/DVD:**

Lower Extremity Blocks, produced by Jacques E. Chelly, 1999  
Upper Extremity Blocks, produced by Jacques E. Chelly, 2001  
Upper and Lower extremity blocks by Jacques E. Chelly, 2006