

Curriculum Vitae

Kishor Gandhi M.D., M.P.H., CPE

Home Address:

1750 Tristen Drive
Newtown, PA 18940
Mobile: 732-979-9021
kgandhi555@gmail.com

Office Address:

University Medical Center of Princeton
1 Plainsboro Road
Plainsboro, New Jersey 08540

Current Anesthesiology Appointment:

May 2014-Present
Director, Acute Pain Management
Anesthesiologist, Department of Anesthesiology, Penn Medicine Princeton Medical Center, New Jersey

Past Appointments:

August 2009- February 2013 Assistant Professor of Anesthesiology, Jefferson Medical College
August 2009- July 2012 Director, Fellowship in Regional Anesthesia and Acute Pain, Thomas Jefferson University
August 2009-April 2014 Director, Regional Anesthesia, Jefferson Medical College
February 2013-April 2014 Associate Professor of Anesthesiology, Jefferson Medical College

Education:

August 1993- May 1997 BS, The College of New Jersey (Biology and Minor in Chemistry), NJ
August 1999- May 2004 Doctor of Medicine (MD), UMDNJ: Robert Wood Johnson Medical School, NJ
September 1998- May 2001 Masters in Public Health (MPH), UMDNJ: School of Public Health, NJ
2012-Certification in Physician Executive (CPE), American Association of Physician Leadership, FL
2011-Present Physicians Leader in Management, American Association of Physician Leadership (AAPL)

Medical Leadership Courses Completed under AAPL

- Negotiation (Jan 2012)
- Quality Improvement (Jan 2012)
- Marketing (Jan 2012)
- Communication (Jan 2012)
- Finance (Jan 2012)
- Influence (Jan 2012)
- Financial Decision Making (July 2012)
- Health Law (July 2012)
- Managing Physician Performance (May 2013)

Postgraduate Training and Fellowship Appointments:

July 2004- June 2005 Preliminary Year in Internal Medicine, Albert Einstein Medical Center
July 2005-June 2008 Resident in Anesthesiology, Thomas Jefferson University Hospital
June 2008-July 2009 Fellowship, Regional Anesthesia and Acute Pain, New York School of Regional Anesthesia (NYSORA), St. Luke's-Roosevelt Hospital Center

Specialty Certification:

2009 American Board of Anesthesiology

Licensure:

Pennsylvania
New Jersey

Journal Reviewer

Journal of Arthroplasty (JOA) 2013
Critical Care Nurse 2013

Awards, Honors, and Membership in Honorary Societies:

1995 Memorial Scholarship Recipient
1995 Acceptance to National Biology Honor Society
1995 Educational Opportunity Fund Academic Achievement Award (Spring 1995)
Dean's List (Four semesters in College)
1997 Outstanding Academic Achievement Award
2000 Recipient of UMDNJ Foundation Summer Research Fellowship
2001, 2002, 2003 Abdol H. Islami, M.D. Foundation Scholarship Recipient
2003 Negendran International Health Fellowship Recipient
2004 Academic Excellence in Anesthesiology
2007 First Place Research Award at NYSORA Meeting
2008 First Place Educational Exhibit at PGA Meeting
2012 Dean's Award for Excellence in Education
2013 Jefferson University Hospital All Star Employee

Memberships in Professional and Scientific Societies:National Societies:

Anesthesia Society of Regional Anesthesia (2007-present)
International Anesthesia Research Society (2005-present)
American Society of Anesthesiologists (2005-present)

Local Societies:

New Jersey Society of Anesthesiology (2015-present)

National Society Committee Involvement:

American Society of Anesthesiology (ASA) Abstract Review Subcommittee on Regional Anesthesia and Acute Pain (2009-2013)
American Society of Anesthesiology (ASA) Education Committee on Regional Anesthesia and Acute Pain (2011-2013)

American Society of Anesthesiology (ASA): Regional Anesthesia and Acute Pain Poster Moderator (2009, 2010, 2011, 2012, 2013)
American Society of Anesthesiology (ASA): Medically Challenging Cases Poster Moderator (2010, 2011, 2012, 2013)

Academic Committees at Thomas Jefferson University:

Jefferson University Physicians Practice Affairs (2013)
Institutional Review Board for Research (2011-2012)
Anesthesiology Residency Curriculum Committee (2009-2014)
Anesthesiology Residency Clinical Competency Committee (2009-2014)

Organizing Roles in Scientific Meetings:

October 24, 2009-Annual Pennsylvania Anesthesia Resident's Regional Training (PARRT)
Program in Acute Pain Management
September 25, 2010-Annual Pennsylvania Anesthesia Resident's Regional Training (PARRT)
Program in Acute Pain Management
Annual Jefferson Anesthesia Conference, Co-Director, Big Sky, Montana (2012, 2013, 2014)

Host for Visiting Professors at Thomas Jefferson University:

Manoj Karmakar, MD FACP (12/2010)- Chinese University of Hong Kong, Hong Kong
Christopher B. Robards, MD (12/2011)- Mayo Clinic, Jacksonville, Florida
Xavier Sala-Blanch, MD (9/2012)- University of Barcelona, Barcelona, Spain
Belen Jose de Maria, MD (3/7/2013)- Shriners Pediatric Hospital, Philadelphia, PA

Mentorship of Junior Faculty:

Jaime Baratta, MD 2011-Present
Eric Schwenk, MD Present
Benjamin Vaghari, MD Present
David Beausang MD-Present
Elird Bojaxhi MD-Present

Mentorship of Residents:

Erica Davis, MD- 2011-2013

Publications, Peer Reviewed:

1. Kotani, J., Avallone, N.V., Lin, E., Goshima, M., **Gandhi, K.**, Lowery, S.F., Calvano, S.E.: FAS-mediated neutrophil apoptosis and associated A1 protein expression during systemic inflammation are regulated independently of both tumor necrosis factor receptors. *SHOCK* 19:201-207, 2003.
2. Demissie, K., Rhoads, G., Smulian, J.C., Balasubramanian, B.A., **Gandhi, K.**, Joseph, K.S., Kramer, M.: Operative vaginal delivery and neonatal and infant adverse outcomes: population based retrospective analysis. *British Medical Journal* 329:24, 2004.
3. **Gandhi, K.**, Gadsden, A., Hadzic, A.: Atlas of Ultrasound and Nerve Stimulation-Guided Regional Anesthesia. A book review. *Canadian Journal of Anaesthesiology*; January 2009 56:90.

4. Parvizi, J., Porat, M., **Gandhi, K.**, Viscusi, E.R., Rothman, R.H.: Postoperative pain management techniques in hip and knee arthroplasty. *Instr Course Lect* 58:769-79, 2009.
5. Hadzic, A., Dewalele, S., **Gandhi, K.**, Santos, A.: Volume and dose of local anesthetic necessary to block the axillary brachial plexus using ultrasound guidance. *Anesthesiology* 111:8-9, 2009.
6. Patel, V., Hadzic, A., Gadsden, J., **Gandhi, K.**: An electrocardiograph artifact caused by peripheral nerve stimulation during an Interscalene brachial plexus nerve block. *Regional Anesth Pain Med* 35:118-9, 2010.
7. Vaghari, B., **Gandhi, K.**, Viscusi, E.R.: Intravenous PCA for post-operative pain management. American Society of Regional Anesthesia and Pain Medicine (ASRA): Pain Resource Center. www.ASRA.com 2010.
8. Gadsden, J., Hadzic, A., **Gandhi, K.**, Shariat, A., Xu, D., Maliakal, T., Patel, V.: The Effect of mixing 1.5% Mepivacaine and 0.5% Bupivacaine on duration of analgesia and latency of block onset in ultrasound-guided interscalene block. *Anesth Analg* 112:471-476, 2011.
9. **Gandhi, K.**, Heitz, J., Viscusi, E.R.: Acute Pain Management in Challenging Patients. *North American Clinics of Anesthesiology* 29:291-309, 2011.
10. Parvizi, J., Miller, A., **Gandhi, K.**: Multimodal Pain Management in Total Joint Arthroplasty. *Journal of Bone Joint Surgery America* 93:1075-1084, 2011.
11. Gupta, A., **Gandhi, K.**, Viscusi, E.R.: Persistent postsurgical pain after abdominal surgery. *Techniques in Regional Anesthesia & Pain Management* 15(3):140-146, 2011.
12. **Gandhi K.**, Lindenmuth, D.M., Hadzic, A., Xu, D., Patel, V.S., Maliakal, T.J., Gadsden, J.C.: The effect of stimulating versus conventional perineural catheters on postoperative analgesia following ultrasound-guided femoral nerve localization. *J Clin Anesth* 23(8):626-31, 2011.
13. **Gandhi K.**, Viscusi E.R., Schwenk E., Pulido L., Parvizi J.: Quantifying Cardiovascular Risks in Patients with Metabolic Syndrome undergoing Total Joint Arthroplasty. *Journal of Arthroplasty* 27(4):514-9, 2012.
14. Greenky M., **Gandhi K.**, Pulido L., Restrepo C., Parvizi J.: Preoperative Anemia in Total Joint Arthroplasty: Is it associated with PJI? *Clinical Orthopedic and Related Research*.470 (10)2695-701.2012.
15. **Gandhi K.**, Baratta J.L., Heitz J.W., Schwenk E.S., Vaghari B, Viscusi E.R. Acute Pain Management in the Post-anesthesia Care Unit. *North American Clinics of Anesthesiology*. 2012. 30(3):e1-15.
16. Baratta J, **Gandhi K.**, Schwenk E, Vaghari B, Viscusi E. Pain Management. *Orthopaedic Knowledge Update*. AOA. 2013.
17. Shariat AN, Xu D, Shastri U, Kwofie K, **Gandhi K.**, McCally C, Gratenstein K, Vandepitte C, Gadsden J, Hadzic A. Fascia Iliaca Block for Analgesia After Hip Arthroplasty: A Randomized Double Blind Placebo-Controlled Trial. *RAPM*. April 3rd. 2013.
18. Baratta JL, **Gandhi K.**, Viscusi ER. Limited evidence that single-dose oral ibuprofen plus codeine is more effective for postoperative pain than either drug alone. *Evid Based Nurs* 2013.
19. Miller AG, McKenzie J, Greenky M, Shaw E, **Gandhi K.**, Hozack WJ, Parvizi J. Spinal anesthetic: Should everyone receive a urinary catheter?: a randomized, prospective study of patients undergoing total hip arthroplasty. *Journal of Bone Joint Surgery America*. 2013; 95(16):1498-503.

20. Schwenk ES, **Gandhi K**, Viscusi ER. Perioperative Management of Interscalene Block in Patients with Lung Disease: a Case Report. *Case Rep Anesthesiol* 2013;986386.
21. Baratta JL, **Gandhi K**, Viscusi ER. Perioperative pain management for total knee arthroplasty. *Journal of Surgical Orthopaedic Advances*. 2014: Spring 23(1):22-36.
22. Schwenk SS, **Gandhi K**. Quad Weakness: When Does it Matter? *Anesthesiology*. 2014; 121(6):1349.
23. Schwenk ES, Baratta JL, **Gandhi K**, Viscusi ER. Setting Up An Acute Pain Service. *Anesthesiol Clin* 2014;32:893-910
24. Schwenk ES, **Gandhi K**, Baratta JL, et al. Ultrasound-Guided Out-of-Plane vs. In-Plane Interscalene Catheters: A Randomized, Prospective Study. *Anesth Pain Med* 2015;5(6):e31111.
25. Joshi G, **Gandhi K**, Shah N, Gadsden J, Corman Sl. Peripheral nerve blocks in the management of postoperative pain: challenges and opportunities. *J Clin Anesth*. 2016; 35:524-529.

CME Accredited Lectures & Workshops by Invitation:

1. February 2009 “Extended Release Epidural Morphine”, Indonesian Society of Anesthesiology, Jakarta, Indonesia
-independently led Ultrasound Guided Regional Anesthesia lectures and workshops for an Indonesian national conference.
2. December 19-20, 2009 “Ultrasound Guided Regional Anesthesia Techniques of Upper and Lower Extremity Workshop”, NYSORA Meeting, New York, NY
3. March 2010 “Intraarticular Joint Infusion after Joint Surgeries”, Refresher Course, NYSORA World Anesthesia Conference, Dubai, UAE, March 2010 (taught workshops to anesthesiologists from different parts of the world); Co-organized the nursing program for acute pain management services.
4. April 17-18, 2010 “Infraclavicular, VIB and Coracoid Approach”, Annual Fireworks in Anatomy of Regional Blockade- For Nerve Stimulator and Ultrasound, Louisville, KY, (ultrasound workshops and gross anatomy dissection of peripheral nerves)
5. April 17-18, 2010 “Transabdominal, Epidural, and Spine Ultrasound”, Annual Fireworks in Anatomy of Regional Blockade- For Nerve Stimulator and Ultrasound, Louisville, KY, (ultrasound workshops and gross anatomy dissection of peripheral nerves)
6. April 17-18, 2010 “Five Different ways to do a Total Knee”, Annual Fireworks in Anatomy of Regional Blockade- For Nerve Stimulator and Ultrasound, Louisville, KY, (ultrasound workshops and gross anatomy dissection of peripheral nerves)
7. May 22, 2010 “Ultrasound Anatomy of Neuraxial Spine and Abdomen”, Ultrasound Guided Regional Anesthesia, Stony Brook University, Southampton, NY, Ultrasound Guided Regional Anesthesia, Stony Brook University, Southampton, NY, (ultrasound workshops on neuraxial and abdomen sonoanatomy)
8. December 18-19, 2010 “Ultrasound Guided Regional Anesthesia Techniques of Upper and Lower Extremity Workshop”, NYSORA Meeting, New York, NY
9. February 26-March 4, 2011 “Avoiding Peripheral Nerve Block Complications”, “Challenges in Acute Pain Management”, “Local Anesthetic Systemic Toxicity (LAST): Updates in Management”, ultrasound workshops on upper and lower extremity. Jefferson

- Anesthesia Conference, Big Sky Montana (ultrasound workshops on upper and lower extremity)
10. April 11-15, 2011 “Management of Local Anesthetic Systemic Toxicity, Regional Anesthesia for Upper Extremity”, NYSORA World Anesthesia Congress (NWAC) 2011, Rome Italy (organized nursing program in Regional Anesthesia and Acute Pain; taught workshops on ultrasound guided regional anesthesia of upper and lower extremity)
 11. April 30-May 1, 2011 “Nerve Blocks of Truncal/Abdominal Wall”, Penn State Hershey Medical Center/College of Medicine Conference Evaluation, Hershey PA (taught workshops on
 12. May 31, 2011, “US Guided Nerve Blocks of Upper Extremity, US Guided Nerve Blocks of Lower Extremity”, 31th Annual “The Leading Edge in Diagnostic Ultrasound”, Atlantic City, New Jersey
 13. October 16, 2011 “The Role of Regional Analgesia for the Opioid Tolerant Patient”, Annual American Society of Anesthesiology (ASA) Meeting, Chicago, Illinois. 2011.
 14. March 29-April 1, 2012 “Ultrasound for Central Neuraxial Access in Morbid Obesity”, workshops for spine and paravertebral sonography. International Symposium on Spine and Paravertebral Sonography, Shatin, Hong Kong
 15. February 24-March 1, 2013 “Does analgesia really matter? From Pain to Cancer Recurrence”, “Advanced Nerve Block Techniques for Thoracic Surgery”, “Current analgesic approaches for Total Joint Arthroplasty: What is the Evidence?”, Local Anesthetic Toxicity (LAST): Updates in Management. Jefferson Anesthesia Conference, Big Sky Montana.
 16. October 13, 2013 “The Emerging Role of Additives to Local Anesthetic in Regional Anesthesia.” ASA Panel organizer and lead speaker. American Society of Anesthesiology, Annual Meeting 2013, San Francisco.
 17. February 22-28, 2014 “Regional Anesthesia for Ambulatory Surgery”, “Pro-Con Debate: Paravertebral nerve blocks are superior”, “Regional Anesthesia Workshops”, Jefferson Anesthesia Conference, Big Sky, Montana.
 18. December 14, 2014: Invited Speaker/Instructor for Cadaver Workshop for Post Graduate Assembly Meeting (PGA). NYSSA. New York, NY
 19. December 13, 2015: Invited Speaker/ Instructor for Cadaver Regional Workshop. Post Graduate Assembly Meeting (PGA). NYSSA. New York, NY.
 20. August 26-27, 2016: Invited Speaker/ Faculty instructor for International Symposium on Spine and Paravertebral Sonography (ISSPS) Meeting, Chinese University of Hong Kong, Shatin, Hong Kong.
 21. August 28- September 2, 2016: Invited Speaker/Faculty for 16th World Congress of Anaesthesiologists (WCA 2016). WFSA. Hong Kong.
 22. October 22-25th, 2016. Pro-Con Debate Session: Regional Anesthesia for Shoulder Surgery; Continuous Catheter Versus Single-shot Block: Do We Have the Silver Bullet? Chicago. American Society of Anesthesiology.
 23. December 11, 2016: Invited Speaker/Instructor for Cadaver Workshop for Post Graduate Assembly Meeting (PGA). NYSSA. New York, NY
 24. February 21-24th, 2018: Invited Guest Speaker/Instructor of Master Class on New Innovations in Brachial Plexus Blocks. Indonesian Society of Anesthesia, Jakarta, Indonesia.

Grand Rounds Presentation:

1. December 2009 “Avoiding Complications in Regional Anesthesia, Thomas Jefferson University, Philadelphia, PA
2. February 2010- “How to Provide Anesthesia in a Disaster Zone: Haiti”, Thomas Jefferson University, Philadelphia, PA
3. March 24, 2011- “Case Conference: Peripheral Nerve Injuries”, Thomas Jefferson University, Philadelphia, PA
4. June 15th, 2011- “Local Anesthetic Toxicity: Update in Management”. Hahnemann University, Department of Anesthesiology, Philadelphia PA
5. September 31, 2011 “Updates on Nerve Blocks of Upper Extremity: Techniques and Management”, Hahnemann University, Department of Anesthesiology, Philadelphia PA
6. March 26, 2012 “Anesthesia and Analgesia for Total Joint Arthroplasty: An Evidence Based Approach”, The Chinese University of Hong Kong, Shatin Hong Kong
7. October 22nd, 2014- “Local Anesthetic Toxicity: Updates in Management”. University Medical Center of Princeton, Department of Anesthesiology, Plainsboro, New Jersey.

Resident Education Lectures:

1. May 6, 2010- “Ultrasound Mechanics and Knobology”
2. March 8, 2011- “Ultrasound Mechanics and ASRA Teaching Guidelines”
3. March 10, 2011- “Regional Anesthesia of the Upper Extremity”
4. March 15, 2011- “Regional Anesthesia of the Lower Extremity”
5. March 22, 2011- “Analgesia for Thoracic Surgery”
6. March 24, 2011- “ Local Anesthetic Systemic Toxicity- Updates in Management”
7. March 29, 2011- “Acute Pain Management in Challenging Patients”
8. April 4, 2012- “Thoracic and Abdominal Nerve Blocks”
9. April 5, 2012- “Anticoagulation guidelines for Regional Anesthesia”
10. April 12, 2012- “Ultrasound guided nerve block of Upper Extremity”
11. April 19, 2012- “Ultrasound guided nerve blocks of Lower Extremity”
12. April 25, 2012- “Local Anesthetic Toxicity”
13. April 26 ,2012- “Ultrasound guidance for Neuraxial access”
14. May 16, 2012- “Statistics 101 for ABA Boards”
15. March 20, 2013- “Anticoagulation guidelines for Neuraxial Regional Anesthesia”
16. March 21, 2013- “ USG nerve block of Neck and Upper Extremity: New Techniques and Management”
17. March 27, 2013- “Peripheral Nerve Block Complications”
18. April 3, 2013-“Problem based learning discussion”
19. May 8, 2013- “Statistics for the American Board of Anesthesiology” Part 1
20. May 15, 2013- “Statistics for the American Board of Anesthesiology” Part 2

Lecture Modules Created for education with Residents on Anesthesia Wiki Site:

1. Ketamine for Post-operative Pain- Daniella Miele, MD
2. Multimodal Analgesia- Eric Schwenk, MD
3. Postdural Puncture Headaches- Luba Voinov, MD

4. Adverse Effects of Opioids and Their Treatment- Tim Smith, MD
5. Epidural Blood Patch- Benjamin Vaghari, MD
6. Lipid Rescue- James Anderson, MD
7. Opioid Induced Hyperalgesia- Paul Polyak, MD
8. Pediatric Chronic Pain- Allan Simpao, MD
9. Chronic Neuropathic Pain- Mike Kim, MD
10. Tachyphylaxis to Local Anesthetic- Avni Gupta, MD
11. Lyrica for Treatment of Post-Operative Pain- Beth Chekeminan, DO
12. Clonidine for Post-operative Pain Control- Roslyn Itoe, MD
13. ASRA Guidelines for Antithrombotic or Thrombolytic Therapy- Jacqueline Laundre, MD & John Flynn, MD
14. Methadone for Acute Pain Management- Lisa Luyun, MD
15. Thoracic Epidurals- Andrea Hages, DO
16. TAP Block- Waleed Shah, MD

Publications, Editorial:

1. Viscusi, E.R., **Gandhi, K.**: Peripheral Nerve Blocks Have Come a Long Way. Outpatient Surgery Magazine, October 2009.
2. **Gandhi, K.**: Maintaining Continuous Pain Control- Follow these pearls for pain pump success. Outpatient Surgery Magazine, August 2010.
3. Vaghari B, Baratta JL, **Gandhi K**: Perioperative Approach to Patients with Opioid Abuse and Tolerance. Anesthesiology News. In Press. 2013.

Book Chapters:

1. Gandhi, K, Heitz, J.W., Viscusi, E.R.: Waldman's Pharmacology and Therapeutics. Chapter 61: Treatment of Pain. Elsevier, 2009.
2. Schwenk, E., Gandhi, K., Viscusi, E.R.: Essentials in Total Knee Arthroplasty. Chapter 13: Post-Operative analgesia for the Total Knee Arthroplasty Patient. Slack Incorporated. 2010.
3. Schwenk, E, Gandhi, K., Viscusi, E.R.: Hip Arthroplasty: The Essentials. Post-Operative Management- Pain and Anticoagulation 2012.
4. Gandhi, K., Baratta, J., Viscusi, E.R.: The Knee: Reconstruction, Replacement and Revision. Chapter 24: Perioperative Pain Management for Total Knee Arthroplasty. Data Trace Publishing .2012.
5. Vaghari, B., Baratta, J., Gandhi, K.: Post-Anesthesia Care: Symptoms, Diagnosis, and Management. Chapter 38: Pain. Cambridge University Press. 2016.
6. Vaghari, B., Baratta, J., Gandhi, K.: Post-Anesthesia Care: Symptoms, Diagnosis, and Management. Chapter 49: Special Consideration for Pain Management. Cambridge University Press. 2016.

Abstracts

1. D'souza, G., Viscusi, E.R., Parvizi J., Gandhi, K.: Creatinine Clearance Following Total Joint Arthroplasty: Implications for Renally Excreted Drugs. The Journal of New York School of Regional Anesthesia. www.NYSORA.com. A3, 2006.

2. D'souza, G., Viscusi, E.R., Parvizi, J., Gandhi, K.: Creatinine Clearance Following Total Joint Arthroplasty: Implications for Renally Excreted Drugs. *Anesthesiology* 105:A826, 2006.
4. D'souza, G., Tarity, T.D., Gandhi, K., Viscusi, E.R., Parvizi, J.: Natural history of pain and opioid use in patients undergoing Total Joint Arthroplasty. *Anesthesiology* 107:A2019, 2007.
5. Gandhi, K., Viscusi, E., Schwenk, E., Pulido, L., Parvizi, J.: Prevalence and Implication of Metabolic Syndrome in the Total Joint Arthroplasty Patient. *Anesthesiology* 107:A1425, 2007.
6. Pulido, L., Gandhi, K., Aynardi, M., Oviedo, A.M., Viscusi, E., Parvizi, J.: Early Mortality Following Total Joint Arthroplasty. [Abstract] *Anesthesia and Analgesia* 106:S242, 2008.
7. Pulido, L., Patel, D., Gandhi, K., Oviedo, A.M., Viscusi, E., Parvizi, J.: Predictors of Pulmonary Embolism Following Primary Hip and Knee Arthroplasty. *Anesthesia and Analgesia* 106:S238, 2008.
8. Pulido, L., Gandhi, K., Mraovic, B., Macgibeny, M., Oviedo, A., Parvizi, J.: In Hospital Complications After Total Hip and Knee Arthroplasty. In *Hospital Complications After Total Hip and Knee Arthroplasty*. *Anesth Analg* 106:S98, 2008.
9. Parvizi, J., Chaudhry, S., Pulido, L., Gandhi, K., Viscusi, E.: Blood Conservation in Elective Arthroplasty: What is the Role of Preoperative Autologous Donation? *Anesth Analg* 106:S13, 2008.
10. Pulido, L., Gandhi, K., Wei, J., Pawasarat, I., Viscusi, E., Parvizi, J.: Total Joint Arthroplasty: Blood Management and Postoperative Outcome. *Anesth Analg* 106:S12, 2008.
11. Gandhi, K., Schwenk, E., Viscusi, E., Pulido, L., Parvizi, J.: Should Patients Undergoing Total Joint Arthroplasty Have Tight Heart Rate Control? *Anesth Analg* 106:S33, 2008.
12. Gandhi, K., Colfer, K., Viscusi, E., Parvizi, J.: Extended Release Epidural Morphine (EREM) Reduces Reliance on Parenteral Opioids and Pump Technology after Total Joint Arthroplasty. *Regional Anesthesia and Pain Medicine* 32:A-75, 2007.
13. Colfer, K., Gandhi, K., Olszewski, R.F., Colli, D.A., Viscusi, E.: Comparison of Side-Effect with Extended Release Epidural Morphine and Other Analgesic Modalities. *Anesthesiology* 109:A1703, 2008.
14. Schwenk, E., Gandhi, K., Parvizi, J., Viscusi, E.: The Use of Cardio-Protective Agents in the Total Joint Arthroplasty Patient: Are We Doing Enough? *Anesthesiology* 109:A1642, 2008.
15. Gandhi, K., Viscusi, E., Pulido, L., Parvizi, J.: Does Preoperative Hemoglobin Value Predict Postoperative Cardiovascular Complications after TJA? *Anesthesiology* 109:A1615, 2008.
16. Gandhi, K., Colfer, K., Olszewski, R., Schaefer, S., Viscusi, E.: EREM Reduces Reliance on Parenteral Opioids and Pump Technology after Total Joint Arthroplasty. *Anesthesiology* 109:A111, 2008.
17. Patel, V., Shariat, A., Gandhi, K., Gadsden, J.: Electrocardiograph Artifact Interference by Peripheral Nerve Stimulation during an Interscalene Brachial Plexus Nerve Block. *Regional Anesthesia and Pain Medicine* 2009;
18. Maliakal, T.J., Patel, S., Gandhi, K., Gadsden, J.: Case Report: Ultrasound Guidance to facilitate Low Interscalene Brachial Plexus Block in a Patient with Indwelling Hemodialysis Catheter. *Regional Anesthesia and Pain Medicine* 32:74, 2009.
19. Gandhi, K., Gadsden, J., Xu, D., Vandepidte, Maliakal, T.: Peripheral Nerve Blocks Are Superior to GA in Patients having Lower Extremity Amputations. *Anesthesiology* A417, 2009.

20. Gandhi, K., Lindenmuth, D., Xu, D., Patel, V., Gadsden, J.: Ultrasound Guided Catheters on Analgesic Outcomes after Total Knee Arthroplasty. *Anesthesiology* A1236, 2009.
21. Powell, K., Gandhi, K., Patel, V., Maliakal, T., Gadsden, J.: Disparities in Reimbursement Rates for Regional Anesthesia Procedure for Post-operative Pain Control. *Regional Anesthesia and Pain Medicine* 32:94, 2009.
22. Gandhi, K., McCally, C., Patel, V., Gadsden, V.: Comparison of Ultrasound Guided Non-Stimulating and Stimulating Catheters on Analgesic Outcomes after Total Knee Arthroplasty. *Regional Anesthesia and Pain Medicine* 32:43, 2009.
23. Powell, K., Gandhi, K., Xu, D., Patel, V., Malikal, T.: Reimbursement Rate Disparities for Regional Anesthesia Procedures in Post-operative Pain Control. *Anesthesiology* A792, 2009.
24. Ekbatani, A., Gandhi, K., Viscusi, E.: Process of Development of a Site Identification Universal Protocol to Prevent Wrong-Sided Peripheral Nerve Blocks. *Regional Anesthesia and Pain Medicine* 120, 2010
25. Patel, V., Xu, D., Gandhi, K.: Effect of Infusion Strategies for Continuous Interscalene Block on Postoperative Analgesia. *Regional Anesthesia and Pain Medicine* 55, 2010
26. Gandhi, K., Viscusi, E., Ekbatani, A.: Patterns of Regional Anesthesia Practices in the United States. *Regional Anesthesia and Pain Medicine* 130, 2010.
27. Taicher, B.M., Scarfo, K., Gandhi, K., Viscusi, E.R.: Economic Perspective of Three Common Analgesic Modalities for Total Knee Arthroplasty. *Regional Anesthesia and Pain Medicine* 148, 2010
28. Colfer, K.M., Raza, M., Gandhi, K., Huber, K., Viscusi, E.R.: Effects of Analgesic Modalities for Total Knee Arthroplasty on Physical Therapy. *Anesthesiology* A1155, 2010.
29. Ekbatani, A., Gandhi, K., Lenart, S., Viscusi, E.R.: Retrospective Analysis of Postoperative Analgesic Techniques for Total Knee Arthroplasty (TKA). *Anesthesiology* A812, 2010.
30. Veghari, B., Gandhi, K., Ng, A., Karmarkar, M.: Persistent Motor Weakness with intact sensation following combined lumbar plexus and sciatic nerve block. *RAPM Spring* A245, 2011.
31. Schwenk E., Gandhi K., Parvizi J., Viscusi E.R.: Quantifying Cardiovascular Risks in Patients with Metabolic Syndrome undergoing Total Joint Arthroplasty. *RAPM Spring*, A33, 2011.
32. Gandhi, K., Greenky, M., Parvizi, J., Huang, R., Restrepo, C., Pulido, L.: Implications of Preoperative Anemia on Adverse Outcomes after Total joint Arthroplasty. *Anesthesiology* A1087, 2011
33. Baratta, J.L., Gandhi, K., Viscusi, E.R.: Patterns of Multimodal Analgesia Utilization in the United States. *Anesthesiology* A218, 2011
34. Gandhi, K., Baratta J, Beam M, Mele M, Li J.W., Karmarkar M. Objective Quantification of Ultrasound Image Quality on Adult Obese & Non-Obese Spine. *Anesthesiology* A1211, 2012.
35. Grady BD, Baratta JL, Gandhi K. The Association of Catheter Insertion with Block Duration and Necessity for Bolus. *Anesthesiology* A070. 2012.
36. Gandhi K, Baratta J, Beam M, Mele M, Li J, Karmarkar M. Objective Quantification of Ultrasound Image Quality on Adult Obese and Non-Obese Spine. [Abstract]. *Anesthesiology* 2012; A1211
37. Grady B, Baratta J, Gandhi K. The Association of Catheter Insertion with Block Duration and Necessity for Bolus. [Abstract]. *Anesthesiology* 2012; A070

38. Sharpe MJ, Baratta J, Gandhi K, Grodecki W. Intractable Hiccups Following Ultrasound-Guided Interscalene Brachial Plexus Catheter Placement. [Medically Challenging Case]. *Anesthesiology* 2012.
39. Vaghari B, Baratta J, Grady B, Gandhi K. Novel Use of an Infraclavicular Catheter for Brachytherapy Treatment. [Medically Challenging Case]. *Anesthesiology* 2012.
40. Sharpe MJ, Baratta J, Gandhi K, Grodecki W. Intractable Hiccups Following Ultrasound-Guided Interscalene Brachial Plexus Catheter Placement. [Medically Challenging Case]. *Anesthesiology* 2012.
41. Baratta JL, Hsu G, Gandhi K. Phrenic Nerve Paralysis following Interscalene Catheter [Challenging Case]. *ASRA* 2012.
42. Beausang DH, Baratta JL, Gandhi K, Bojaxhi E, de Jose Maria, B. Application of the Pythagorean Theorem to Train Novice Learners in the Use of Ultrasound Guided Out-of-Plane Peripheral Nerve Blocks. [Abstract]. *Anesthesiology* 2013;A3082.
43. Schwenk E, Baratta J, Gandhi K. Shoulder Surgery Under Regional Anesthesia in a Patient With Partial Lung Resection. [Medically Challenging Case]. *Anesthesiology* 2013.
44. McGrath SW, Baratta JL, Gandhi K, Viscusi ER. Deficiencies in the Knowledge and Use of Naloxone in the Hospital Setting [Abstract] *ASRA Pain Medicine Meeting 2014;ASRAP-0177*.
45. Schwenk ES, Chung J, Gandhi K, Baratta JL, Beausang D, Bojaxhi E, Grady B. A Comparison of Traditional In-Plane Interscalene Continuous Block to a Novel Out-of-Plane Approach: A Prospective, Randomized, Double-Blind Trial. [Abstract]. *Anesthesiology* 2014;A4025.
46. McGrath SW, Baratta JL, Gandhi K, Viscusi ER. A Survey of Naloxone Use in Hospital Personnel as an Assessment of Safety. [Abstract]. *Anesthesiology* 2014;A5011.
47. Fisicaro MD, Wenzel JT, Gandhi K, Baratta JL. Prospective Randomized Double-Blind, Placebo-Controlled Study to Compare the Effects of Intravenous Versus Oral Acetaminophen on Post-operative Clinical Outcomes After Ambulatory Lumbar Discectomy. [Abstract] *Anesthesiology* 2014:A4024.
48. McGrath SW, Beausang D, Baratta JL, Gandhi K, Bojaxhi E. A Pythagorean Approach to Reducing Needle Misadventure when Teaching the Out-of-Plane Technique for Peripheral Blocks. [Abstract] *ASRA Regional Anesthesiology and Acute Pain Medicine Meeting 2014*.
49. Huffnagle JH, Beam MR, Gandhi K, Huffnagle S, Mele M. The Minimum Effective Concentration of Intrathecal Hydromorphone for Analgesia After Cesarean Section: A Dose Finding Study.[Abstract]. *Anesthesiology* 2015:A3109.
50. Huffnagle SL, Huffnagle JH, Gandhi K, Beam MR, Mele M. Intrathecal Hydromorphone for Analgesia after Cesarean Section: Comparison of Morphine Consumption and Side Effects at \leq and $>$ the ED 80. [Abstract] *Anesthesiology* 2015: A3119.

Community Service/International Health Volunteer Experience:

July-August 2003: Himalayan Health Exchange, India

- Traveled to the Himalayan Mountains of India as part of Himalayan Health Exchange, an international humanitarian program bringing healthcare professionals to the underserved populations of the Indo-Tibetan Borderlands.

- Worked with a team of physicians, medical students, dental students, and nurses to provide physical examinations and medications to indigenous populations of the Himalayan Mountains.
- Responsibilities included assuming the role of a Team Leader and overseeing the care provided by a team of medical students.

April 2005: Puerto Plata, Dominican Republic

- Worked as a medical volunteer in local indigent communities providing health care to Haitian refugees.
- Provided primary health care to children and adults who were underprivileged.

February 2010: Haiti Earthquake Disaster Relief, Port au Prince, Haiti

- Traveled with a team of surgeons and anesthesiologist to disaster zone after earthquake in Haiti.
- Provided anesthesia care for emergency surgeries of earthquake victims.
- Utilized regional anesthesia skills to provide care in a make shift operating room in a tent