CURRICULUM VITAE

**DATE:** June 2018

**NAME:** Anuradha Patel

**PRESENT TITLE:** Professor and Attending Anesthesiologist

**HOME ADDRESS:** 10 Rappleye Court

West Orange, NJ 07052

**OFFICE ADDRESS:** Department of Anesthesiology

Rutgers, New Jersey Medical School

185 South Orange Avenue, MSB E-581

Newark, NJ 07103

**TELEPHONE NUMBER/E-MAIL ADDRESS:** 973 972 5255 / anuradha.patel@rutgers.edu

**CITIZENSHIP:** United States of America

**EDUCATION**:

1. Undergraduate Graduate and Professional

C.M. Dubey College, Bilaspur (M.P.), India

B.S.-I 07/1973

1. Graduate and Professional

Netaji Subhash Chandra Bose Medical College (formerly Government Medical College)

University of Jabalpur, Jabalpur, M.P. India

M.B;B.S. 02/1978

Netaji Subhash Chandra Bose Medical College ( formerly Government Medical College)

University of Jabalpur, Jabalpur, M.P. India

M.D. (Doctor of Medicine, Anesthesiology) 03/1982

**POSTGRADUATE TRAINING:**

1. Internship and Residencies

Netaji Subhash Chandra Bose Medical College Hospital Jabalpur (M.P.) India

Rotating House Officer (Internship) Multidisciplinary 04/1978 -03/1979

Netaji Subhash Chandra Bose Medical College Hospital Jabalpur (M.P.) India

Resident Senior House Officer in Anesthesiology 04/1979 -03/1980

Netaji Subhash Chandra Bose Medical College Hospital Jabalpur (M.P.) India

Resident Registrar in Anesthesiology 04/1980 -03/1982

Barnsley District General Hospital Barnsley, S. Yorkshire, England

Senior House Officer in Anesthesiology 01/1985 -05/1987

Barnsley District General Hospital, Barnsley, S. Yorkshire, England

Registrar in Anesthesiology 05/1987 -06/1989

Albert Einstein Medical Center, Philadelphia, PA

Resident in Anesthesiology CA-3 10/1990 -09/1991

B. Research Fellowships

None

1. Postdoctoral Appointments

St Christopher’s Hospital for Children, Philadelphia, PA

Fellow/Attending 10/1991 -03/1992

**MILITARY:** None

**ACADEMIC APPOINTMENTS:**

Temple University School of Medicine, Philadelphia, PA

Assistant Professor of Anesthesiology

04/1992 -07/1998

UMDNJ-New Jersey Medical School, Newark, NJ

Assistant Professor of Anesthesiology

07/1998- 07/2008

UMDNJ-New Jersey Medical School, Newark, NJ

Associate Clinical Professor of Anesthesiology

07/2008 – 2013

Rutgers, New Jersey Medical School, Newark, NJ

Associate Clinical Professor of Anesthesiology

07/2013 – 2017

Rutgers, New Jersey Medical School, Newark, NJ

Clinical Professor of Anesthesiology

07/2017 – present

**HOSPITAL APPOINTMENTS:**

Charuter Arogya Mandal Hospital, Karamsad, Gujarat, India

Department of Anesthesiology

Attending Anesthesiologist

08/1983 -04/1984

Albert Einstein Medical Center, Philadelphia, PA

Department of Anesthesiology

Attending Anesthesiologist

10/91- 6/98

Member of Subspecialty Pediatric Anesthesia Team

04/1992 -06/1998

The University Hospital, Newark, NJ

Department of Anesthesiology

Attending Anesthesiologist & Member of Subspecialty Pediatric Anesthesia Team

07/1998 – Present

**OTHER EMPLOYMENT OR MAJOR VISITNG APPOINTMENTS:**

Member, Centers for Disease Control (CDC) Expert Panel on care considerations for patients with Duchenne’s Muscular Dystrophy 10/2006 - 2010

Fellow/Attending, St Christopher’s Hospital for Children, Philadelphia, PA

10 /1991 -03/1992

**PRIVATE PRACTICE**

Muljibhai Patel Urology Hospital and Research Institute for Kidney Disease

Nadiad, Gujarat, India

Attending Anesthesiologist

09/1982 -02/1983

**LICENSURE:** N.J. Medical License **‑** MA57074 Expiration Date6/30/2019

**DRUG LICENSURE:**

CDS: D056958**/**Expiration Date:10/31/2018

DEA: BP5313856/Expiration Date: 3/31/2021

**CERTIFICATION*:***American Board of Anesthesiology/ No expiration date

**MEMBERSHIPS, OFFICES AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES:**

Communications Committee, Society for Pediatric Anesthesia Member, 04/2010- present

Society for Pediatric Anesthesia Member, 2000- present

American Society of Anesthesiologists Member, 1992- present

New Jersey State Society of Anesthesiologists Member, 1998 - present

International Anesthesia Research Society Member, 2006 -2011

American Association of Physicians of Indian OriginLife member

Royal College of Anesthetists, Ireland Fellow and member, 1992- present

**HONORS AND AWARDS:**

**American Health Council** Member Physician Board 2017

**Rutgers Pulse magazine** Featuredin article Mothers and theirdaughters, fall 2015

**Arthur Kahn Memorial Award** 2010 from AAUP, NJ chapter for service to faculty

**Golden Apple Teaching Award** Nomination, NJMS 2010, 2014, 2015, 2016

**Editors pick 2010** Anesthesia and Analgesia pediatric anesthesia section for significant scientific or clinical impact on the speciality. Paper on a prospective, randomized study: Dexmedetomidine infusion for analgesia and prevention of emergence agitation in children with obstructive sleep apnea syndrome undergoing tonsillectomy and adenoidectomy. Anesth Anal 2010; 111(4):1004-10

**Golden Apple Teaching Award** 2003-2004 Department of Anesthesiology, UMDNJ-NJMS

**UMDNJ magazine**: Featured in issue titled Newsmakers: UMDNJ experts in the news

**BOARDS OF DIRECTORS/TRUSTEES POSITIONS:**

University Physician Associates Board Member 2000 – 2004

University Physician Associates Board Member 2011 – 2012

Board of Directors, American Association of University Professors 2013- present

Newark chapter

Governing Council American Association of University Professors 2014- 2016

NJ chapter

**SERVICE ON NATIONAL GRANT REVIEW PANELS, STUDY SECTIONS, COMMITTEES:**

Member, Centers for Disease Control (CDC) Expert Panel on care considerations for patients with Duchenne’s Muscular Dystrophy 10/2006 -2010

Peer reviewer for grant applications for Hong Kong SAR government funding since 2011

Peer reviewer for Cochrane Anaesthesia Peer Review Group 2013- present

Peer reviewer for grant applications National Medical Research Council, Singapore 2016-present

**SERVICE ON MAJOR COMMITTEES:**

1. International

Peer reviewer for grant applications National Medical Research Council, Singapore 2016-present

Peer reviewer for grant applications for Hong Kong SAR government funding, 2011- 2016

Peer reviewer for Cochrane Anaesthesia Peer Review Group, 2013- present

1. National

Member, American Health Council 2017

Member Communications Committee, Society for Pediatric Anesthesia, 04/2010-present

Member, Centers for Disease Control (CDC) Expert Panel Care considerations for patients with Duchenne’s Muscular Dystrophy, 1/2007 – 2010

1. Medical School/ University

Vice Chair, NJMS Bylaws Committee 2016-2017

NJMS Bylaws Committee, member 2015-2018

Chair, Faculty Affairs Committee, 2012-2014

Faculty Affairs Committee member, 2009- 2014

Search Committee, Chair of Neurosurgery, NJMS, 2010

Search Committee, Chair of Anesthesiology, NJMS, 2004

Medical Student Admissions Interview Committee, 2004- present

Medical Student Summer Research Mentor, 2006-2010

1. Hospital

UPA Bylaws Committee, 2012- present

Operative/ Invasive Procedures Committee, 1999-2008

Moderate Sedation Committee, Co- chair 1999 – Present

Quality Assurance Committee, 1999-2003

JCAHO Preparation Committee, 1999-2002

1. Department

Equipment Committee, 2004-Present

Resident Evaluation Committee, 2001-2017

Resident Education Committee, 1998-2003, 2010-2017

QA/PI Committee, Co-Chair, 1998-2004

QA/PI Committee, member, 2004-2011

1. Editorial Boards

Journal of Anesthesia and Clinical Research Editor in Chief 2017

Journal of Anesthesia and Clinical Research, 12/2010-present (JACR)

1. AdHoc

Reviewer Pediatric Anesthesia, Pediatrics, Journal of Clinical Monitoring and Computing Indian Journal of Anaesthesia, European Journal of Pediatrics, Journal of Neurosurgical Anesthesia, Journal of Philosophy, Ethics and Humanities in Medicine,Clinical Ophthalmology,

**SERVICE ON GRADUATE SCHOOL COMMITTEES:**

Vice Chair, NJMS Bylaws Committee 2016-2017

NJMS Bylaws committee 2015 -present

Chair, Faculty Affairs Committee 2012- 2014

LCME review preparation committee 2011-2013

Search Committee, Chair of Neurosurgery, NJMS, 2010

Search Committee, Chair of Anesthesiology, NJMS, 2004

Faculty Affairs Committee, 2009- 2014

Medical Student Admissions Interview Committee, 2004- present

**SERVICE ON HOSPITAL COMMITTEES:**

Operative/ Invasive Procedures Committee, 1999-2008

Moderate Sedation Committee, 1999 – Present

Oversee Moderate Sedation Credentialing Procedures

Quality Assurance Committee, 1999-2003

JCAHO Preparation Committee, 1999-2002

**SERVICE TO THE COMMUNITY:** American Association of Physicians from India, volunteer at service to community events

**SPONSORSHIP (Primary Mentorship) OF CANDIDATES FOR POSTGRADUATE DEGREE:**

**SPONSORSHIP (Primary Mentorship) OF POSTDOCTORAL FELLOWS:**

**TEACHING RESPONSIBILITIES:** (Teaching effectiveness should be addressed in nominating letter)

1. Lectures or Course Directorships

Practical Issues in Pediatric Anesthesia, Department of Pediatric Dentistry, NJDS 2016

Moderate Sedation, Fellows in Gastroenterology, Department of Medicine, NJMS, 2005- 2016

Practical Issues in Pediatric Anesthesia, Department of Otolaryngology, NJMS, 2007, 2009, 2010, 2011, 2012

Resident lectures and conferences with focus on pediatric anesthesia topics every year

Resident lectures CA1 class on neuromuscular blocking agents and their reversal every year

Director of Pediatric Anesthesia rotation, responsible for curriculum and implementation

Director, Pediatric dentistry resident rotation for anesthesiology, responsible for curriculum and implementation

Mentoring residents to obtain pediatric anesthesia fellowship

One-on-one tutoring and mentoring of residents

Hands-on teaching in OR & perioperative area for anesthesia residents, medical students, residents from other departments such as pediatric dentistry and emergency medicine.

Mentoring of residents and medical students on methods of literature search, manuscript writing and data presentation

Mentoring residents for abstracts and poster presentations

1. Research Training (other than Primary Mentorship)

Post Doctoral Fellows: Manasee Sant

Pre Doctoral Students:

Lila Balkini June-August 2007

Albert Lin 2008-2009

Avantika Mishra June- August 2010

Ann John 2013

Scott Clark 2014

**CLINICAL RESPONSIBILITIES:**

Attending Anesthesiologist

Assistant Director of Clinical Operations Oct 2009 to present

Section Chief, Pediatric Anesthesia Sept 2002-April 2003, July 2007 to present

**GRANT SUPPORT:**

1. Principal Investigator
2. Cumberland Pharmaceuticals: A Multi-Center, Randomized, Double-blind Placebo-Controlled, Single-Dose Trial of the Safety and Efficacy of Intravenous Ibuprofen for Treatment of Pain in Pediatric Patients 2011- 2014. Funding $20,000. PI for this site
3. Hospira Inc. Comparison of Dexmedetomidine vs Propofol in Vitroretinal surgery under regional sub-tenon block. $6275 and cost of drug
4. Hospira Inc, FDA approved study: Use of dexmedetomidine infusion for analgesia and emergence agitation for children undergoing tonsillectomy and adenotonsillectomy Drug support approximately $4200
5. Department of Anesthesiology: An observational prospective study of transfusion requirements during spinal surgery for severe scoliosis 8/09- present
6. Department of Anesthesiology: Retrospective analysis of transfusion requirements during spinal surgery for severe scoliosis 2/09 – present
7. Department of Anesthesiology: Preoperative distraction with a video game: effects on emergence agitation and pain 2005-2006
8. Department of Anesthesiology: Is preoperative distraction with a hand-held Game Boy as effective as midazolam in controlling preoperative anxiety levels in children? 2004 – 2005
9. Co-Investigator

1. Comparison of Telemedicine vs In-office consultations in accuracy of obtaining preoperative parameters 2017- ongoing

2*.* Pediatric temperature variation in the MRI scanner under general anesthesia 3/10 -08/2011

C. Pending - None

**PUBLICATIONS:** *(Please list in chronological order; published or accepted for publication only; should be segregated into the following categories)*

1. Refereed Original Article in Journal
   1. **Patel A**, Schieble TS, Davidson M, Tran MCJ, Schoenberg C, Bennett HL, Delphin E. Distraction with a hand held video game reduces pediatric preoperative anxiety, Pediatric Anesthesia; 16: 1019-1027, 2006
   2. Schieble T, **Patel A**, Davidson M. Laryngeal Mask Airway (LMA) artifact resulting in MRI misdiagnosis. Pediatr Radiol; 18(4): 344-5, 2008
   3. Katharine Bushby, Richard Finkel, David J Birnkrant, Laura E Case, Paula R Clemens, Linda Cripe, Ajay Kaul, Kathi Kinnett, Craig McDonald, Shree Pandya, James Poysky, Frederic Shapiro, Jean Tomezsko, Carolyn Constantin and the DMD Care Considerations Working Group. Diagnosis and management of Duchenne muscular dystrophy, part 2: implementation of multidisciplinary care. The Lancet Neurology; (9) 2:177-189 2010
   4. Bach JR, Gonzalez M, Sharma A, Swan K, **Patel A**. Open gastrostomy for noninvasive ventilation users with neuromuscular disease. Am J Phys Med Rehab 2010;(1)89:1-6
   5. **Patel A**, Davidson M, Tran MCJ, Quraishi H, Schoenberg C, Sant M, Lin A, Xiuru S. Dexmedetomidine infusion for analgesia and prevention of emergence agitation in children with obstructive sleep apnea syndrome undergoing tonsillectomy and adenoidectomy. Anesth Anal; 111(4):1004-10, 2010
   6. **Patel A**, Pisklakov S, [Statins as Potentially Neuroprotective Agents: A Review](http://www.omicsonline.org/2155-6148/2155-6148-3-251.php%09?aid=9435).  J Anesth Clin Res; 3:251, 2012
   7. Pisklakov SV, Chiu J, Le V, **Patel A,** Tilak V. [Duchenne Muscular Dystrophy: Management of Difficult Airway and Concurrent Bronchospasm](http://www.omicsonline.org/2155-6148/2155-6148-3-262.php%09?aid=10275) Case Report  J Anesth Clin Res 3:262, 2012
   8. Rimal J, Pisklakov SV, Boules H, **Patel A**. [Acute Hyperkalemia and Hyponatremia Following Intraoperative Mannitol Administration](http://www.omicsonline.org/2155-6148/2155-6148-4-294.php%09?aid=11993). Case Report  J Anesth Clinic Res; 4: 294, 2013
   9. **Patel A,** Pisklakov S, Anesthesia-Induced Rhabdomyolysis during Corrective Spine Surgery: A case report. British Journal of Medicine and Medical Research; 3(4): 1302-1307, 2013
   10. Pisklakov S, Tilak V, **Patel A**, Xiong M. Bullying and Aggressive Behavior among Health Care Providers: Literature Review. Advances in Anthropology 3(4):179-182; doi:10.4236/aa.2013.34024, 2013
   11. XiongM, LiJ, AlhashemH, TilakV, **PatelA**, PisklakovS, SiegelA, YeJH, BekkerA. Propofol Exposure in Pregnant Rats Induces Neurotoxicity and Persistent Learning Deficit in the Offspring, Brain Sci.*4*(2),356-375; doi:[10.3390/brainsci4020356](http://dx.doi.org/10.3390/brainsci4020356), 2014
   12. Li J, Xiong M V, **Patel A**, Siegel A, Ye JH, Bekker A., Alhashem HM, Zhang Y, Tilak Neurotoxicol Teratol. 13; 43C:51-58. doi: 10.1016/j.ntt.2014.03.006, 2014
   13. Koerner J, **Patel A,** Zhao C, Schoenberg C, Mishra A, Vives M, Sabharwal S, Blood loss during Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis. Spine 39:1479–1487, 2014
   14. **Patel A**, Clark S, Tewfik G, Schoenberg C, Evaluation of common practices in use of Laryngeal Masks in the pediatric population. Pediatric Anesthesia. 25(11): 1127-31 doi:10.1111/pan.12727,ISSN 1155-5645, 2015
   15. Jain A, **Patel A**, Hoppe IC. Benzocaine Induced Cyanosis Eplasty. 16;16:ic18. PMID: 27257469, 2016
   16. Vives M, Sabharwal S, Patel A, Schoenberg C, Choi D, Zhao C, Shah H. : Drain Output after Adolescent Idiopathic Scoliosis Surgery (AIS) Journal of Pediatric Orthopaedics B 2017
   17. Amin M, Haroun L, Quraishi F, Aziz R, **Patel A.** [Anaesthetic considerations in a 15 month old with Patau’s Syndrome: a case report and review of the literature](https://www.anaesthesiacases.org/content/anaesthetic-considerations-15-month-old-patau%E2%80%99s-syndrome-case-report-and-review-literature):  Anaesthesia Cases / 2017-0151 / ISSN 2396-8397 August 2017
2. Books, Monographs and Chapters
   1. **Patel A** “Intravenous Regional Analgesia Using Bupivacaine”. Thesis submitted for Doctor of Medicine in Anesthesiology, Jabalpur, India, 1982
   2. Bullying Among Health Care Providers. Pisklaov SV, **Patel A**. Chapter Title and ID 25169: Book ID: 5769 Book Title 25169: Bullying: Prevalence, Psychological Impacts and Intervention Strategies. Nova Science Publishers, Inc.
   3. Statins: Potentially Neuroprotective Agents. Pisklaov SV**, Patel A**. Chapter Title and Chapter ID: 25191: Book Title and Book ID: 5839: Statins: Medical Uses, Mechanisms of Action and Clinical Outcomes, Nova Science Publishers, Inc.
3. Patents Held
4. Intelligent Endotracheal tube (i-Tube) Provisional Patent. Minh Chau Joe Tran, M.D, M.P.H., Anuradha Patel, M.D.
5. Other Articles (Reviews, Editorials, etc.) In Journals; Chapters; Books; other Professional Communications
   1. Atlas G, **Patel A**. (Correspondence) Pediatric compatible train-of-four monitoring, Pediatric Anesth. 2005;15:707
   2. Hong C, **Patel A**. (Correspondence) PAN-2007-0562 Dual Intra-operative Pulse Oximetry Monitoring for Gastroschisis: A Non-invasive Monitor of Intra-abdominal Pressure. Pediatr Anesth. 2008; 18: 344-345
   3. **Patel A**. Review of the Editors Picks at the Society for Pediatric Anesthesia/ American Academy of Pediatrics winter meeting 2012. SPA News, Summer 2012; vol 25: (3)
   4. **Patel A**. Type 2 Diabetes: A new challenge for pediatric anesthesiologists. SPA News, Summer 2013;vol 26 (1)
   5. **Patel A**. Strength, Courage and Wisdom: SPA News, Summer 2014. e publication
6. Abstracts
7. **Patel A**, Schieble TS, Schoenberg C, Bennett H. Use of handheld video games to reduce pediatric anxiety: effects on emergence agitation and post-operative pain. 81st Clinical and Scientific Congress, International Anesthesia Research Society, Orlando FL, March 2007. Anesth Analg 104:S202, 2007.
8. Reports - None

**PRESENTATIONS:**

1. Scientific *(Basic Science)*:
   1. Jing L, Nadavaluru P, Xiong M, Ye JH, Puri SK, **Patel A**, Bekker AY, Dexmedetomidine Attenuates Gestational Propofol Anesthesia-Induced Spatial Memory Impairment in Offspring Rats. A2115 American Society of Anesthesiologists Annual Meeting, New Orleans LA, October 2014
   2. **Patel A,** Li J, Xiong M, Ye JH, Bekker A, Neurotoxicity induced by Prenatal Propofol Exposure in rats is Mitigated by Fentanyl. Pediatric Anesthesiology, Phoenix AZ, March 2015
2. Professional *(Clinical)*:
3. **Patel A**, Schieble T, Davidson M, Tran MCJ, Schoenberg C, Bennett H, Delphin E. Pre-anesthetic distraction with a Game Boy is as effective as midazolam in controlling pediatric anxiety: A randomized controlled trial. Poster Presentation, Post Graduate Assembly Dec. 2004.
4. Tran MCJ, **Patel A**, Schieble T, Davidson M, Schoenberg C, Bennett H, Delphin E Pre-anesthetic distraction with a Game Boy is as effective as midazolam in controlling pediatric anxiety: A randomized controlled trial. Poster presentation, Winter Meeting of Society for Pediatric Anesthesia, Miami, FL, Feb. 2005.
5. **Patel A**, Elshenawy K, Smith LK, Pollock M, Schieble T: Criteria for Endotracheal tube selection in children. Poster presentation, Winter Meeting of Society for Pediatric Anesthesia, Miami, FL. Feb. 2005.
6. Tran MCJ, **Patel A**, Schieble T, Davidson M, Schoenberg C, Bennett H, Delphin E Pre-anesthetic distraction with a Game Boy is as effective as midazolam in controlling pediatric anxiety: A randomized controlled trial. Poster presentation, Society for Ambulatory Anesthesia (SAMBA), Scottsdale AZ, May 2005. Received Third Place Award.
7. Schieble T, Davidson M, **Patel A**: LMA Artifact Resulting in MRI Misdiagnosis. Annual meeting of the ASA, Chicago, IL, Oct.2006.
8. **Patel A**, Schieble TS, Tran MCJ, Schoenberg C, Bennett H, Use of handheld video games to reduce pediatric anxiety: effects on emergence agitation and post-operative pain. The Winter Meeting of the Society for Pediatric Anesthesia, Phoenix AZ, March 2007.
9. Nguyen HT, Tran MCJ, **Patel A**, Pediatric Emergence Delirium with Ketamine: A Current and Comprehensive Literature Review., Phoenix AZ, March 2007.
10. Randolph K, **Patel A**, Tran MCJ. The History of Pediatric Intubation and Endotracheal Anesthesia. Annual Meeting of the Society for Pediatric Anesthesia, San Francisco CA, October 2007.
11. Wang D, Tran M.C. J, **Patel A**. Monitored Anesthesia Care for a Muscle Biopsy in an Infant with Severe Cardiomyopathy and Mitochondrial Disease. The Winter Meeting of the Society for Pediatric Anesthesia, San Diego CA, April 2008.
12. Sifonios A, Tran M.C.J, **Patel A**, Difficult Airway in a 4 Month Old Male Due to Subglottic Stenosis After an Uncomplicated General Endotracheal Anesthesia 19 days Prior.The Winter Meeting of the Society for Pediatric Anesthesia, San Diego CA, April 2008.
13. **Patel A**, Davidson M, Tran MCJ, Schoenberg C, Sant M, Lin A. Effects of Dexmedetomidine in Children Undergoing Tonsillectomy & Adenoidectomy. Oral presentation, Annual meeting of the American Society of Anesthesiologists, Orlando Fl Oct 2008.
14. Shah C, **Patel A**, Sabharwal S, Schoenberg C, Lin Y. Retrospective Analysis of Transfusion Requirements During Spinal Surgery for Severe Scoliosis. Annual Meeting of the ASA New Orleans LA, Oct 2009.
15. Aziz R, **Patel A**, Schoenberg C, Quraishi H. A quality assurance project to assess optimal endotracheal tube selection in children. The winter meeting of the Society for Pediatric Anesthesia, San Antonio TX, April 2010.
16. Louis V, Wang Da, **Patel A**. Anesthesia induced rhabdomyolysis (AIR) during corrective spine surgery, A Case Report. The Winter Meeting of the Society for Pediatric Anesthesia, San Antonio TX, April 2010.
17. Taylor T, Aziz R, **Patel A**, Schoenberg C, Davidson M. Pediatric temperature variation in the MRI scanner under general anesthesia. The Winter Meeting of the Society for Pediatric Anesthesia, San Diego CA, April 2011
18. Feng JJ, Bhagat N, Potian M, **Patel A**, Schoenberg C, Sun X. “Comparison of dexmedetomidine sedation vs. propofol in Vitreoretinal Surgery Under Sub-Tenon Block”, ARVO Meeting  (Association for Research in Vision and Ophthalmology) Ft. Lauderdale, FL, May, 2011
19. Huang LY, Feng JJ, Potian M, **Patel A**, Schoenberg C, Sun X, Grech D, Bhagat N. Comparison of Dexmedetomidine Sedation vs. Propofol in Viteoretinal Surgery Under Local Block. Invest Ophthalmol Vis Sci 2012; E-Abstract. 5382
20. Sandoval P, **Patel A,** Quraishi H A, Anesthestic Management of Laryngeal Papllomatosis in a Three Year Old using High Dose Dexmedetomidine as Adjunct to Propofol. International Assembly of Pediatric Anesthesia, Washington DC, October 2012
21. Tewfik G, **Patel A**, Castro A, Schoenberg C, Evaluation of Common Practices in Use of Laryngeal Masks in the Pediatric Population. International Assembly of Pediatric Anesthesia, Washington DC, October 2012
22. Challa C, **Patel A**, Use of Dexmedetomidine and Remifentinal as an Alternative to Propofol during Laryngotracheal Reconstruction in a Child with Severe Egg Allergy. Medically Challenging Case at Annual meeting of the American Society of Anesthesiologists, Washington DC, October 2012
23. Bundu K, **Patel A**, Quraishi HA, Hypertrophic Lingual Tonsils Causing Severe Obstructive Sleep Apnea in a Ten Year Old Boy. Medically Challenging Case 67th Annual Post Graduate Assembly in Anesthesiology, New York 2013
24. Schiffmiller M, **Patel A**, Pediatric Lingual Tonsillar Hypertrophy Causing an Unexpected Difficult Airway, Pediatric Anesthesiology, Fort Lauderdale FL, March 2014
25. Amin M, **Patel A,** Anesthetic Challenges in a child with unilateral pulmonary agenesis. Medically Challenging Case Annual Meeting of American Society of Anesthesiologists, Chicago IL 2016
26. Siddiqui S, **Patel A,** Anesthetic management of Patient with Duchenne Muscular Dystrophy. Medically Challenging Case Annual Meeting of American Society of Anesthesiologists, Chicago IL 2016

**Invited Speaker:**

1. **International** – Dexmedetomidine: An update on applications in pediatric anesthesia. Nanjing International Forum on Pharmaceutical, Nutraceutical and Biotechnology, Nanjing, China September 20-22, 2011
2. **National/Regional:**
   1. Video Games Reduce Pediatric Perioperative anxiety: What Next? School of Health Sciences Information Technology, University of Texas, Houston, Texas. Feb. 2007
   2. Management of pediatric perioperative anxiety. Texas Children’s Hospital, Baylor University, Houston, Texas. Feb. 2007

* 1. Video Games: Just what the doctor ordered. Games for Health Conference at the University of Southern California, California. March 2006.
  2. Video Games: Just what the doctor ordered. Update: Games for Health Conference, University of Baltimore, MD. September 2006.
  3. Video Games: Just what the doctor ordered. Games for Health Conference, University of Baltimore, MD. September 2005.
  4. 16th Annual Clinical Update, sponsored by NJMS, Department of Anesthesiology. Topic- American Society of Anesthesiologists Practice Guidelines for Sedation/Analgesia by Non-Anesthesiologists. Nov. 2002
  5. 16th Annual Clinical Update, sponsored by NJMS Department of Anesthesiology. Faculty for Airway Workshop, Nov. 2002

Invited Speaker Practical Issues in Pediatric Anesthesia, Department of Pediatric Dentistry, NJDS 2016

Invited speaker, Moderate Sedation, Fellows in Gastroenterology, Department of Medicine, NJMS, 2005- 2016

Invited speaker, Practical Issues in Pediatric Anesthesia, Department of Otolaryngology, NJMS, 2007, 2009, 2010, 2011, 2012

Invited speaker,Management of the Difficult Pediatric Airway, Department of Pediatrics, NJMS, April 2007

Invited speaker, Moderate Sedation/ Analgesia in Pediatrics, Department of Pediatrics, at NJMS, UMDNJ, Newark. Oct 2005