

UNIVERSITY OF PENNSYLVANIA - PERELMAN SCHOOL OF MEDICINE
Curriculum Vitae

Date: 03/22/2019

Harshad G. Gurnaney, MBBS, MPH

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If you are not a U.S. citizen or holder of a permanent visa, please indicate the type of visa you have:
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Education:

1996	MBBS	Seth G.S. Medical College, Mumbai, India (Medicine)
2000	MPH	State University of New York at Albany (Public Health)

Postgraduate Training and Fellowship Appointments:

2000-2001	Intern in Surgery, Department of Surgery, Abington Memorial Hospital, Abington, PA
2001-2004	Resident in Anesthesiology, Temple University Hospital, Philadelphia, PA
2004-2005	Fellow in Anesthesia, Pediatric Anesthesiology, Children's Hospital of Pittsburgh, Pittsburgh, PA

Military Service:
[none]

Faculty Appointments:

2005-2016	Assistant Professor of Anesthesiology and Critical Care at the Hospital of the University of Pennsylvania and the Children's Hospital of Philadelphia, University of Pennsylvania School of Medicine
2016-present	Associate Professor of Anesthesiology and Critical Care at the Hospital of the University of Pennsylvania and the Children's Hospital of Philadelphia, University of Pennsylvania School of Medicine

Hospital and/or Administrative Appointments:

2005-present	Attending Anesthesiologist, The Children's Hospital of Philadelphia
2014-present	Director, Director of Simulation for General Anesthesia, Children's Hospital of Philadelphia.

Other Appointments:

2016-present Program Leader for the simulation group for the Department of Pediatric Anesthesiology and Critical Care Medicine, Children's Hospital of Philadelphia

Specialty Certification:

2005 American Board of Anesthesiology
2014 Pediatric Anesthesiology

Licensure:

2004 State of Pennsylvania
2011 State of New Jersey

Awards, Honors and Membership in Honorary Societies:

2017-2021 Board of Director for Society for Pediatric Pain Management.

Memberships in Professional and Scientific Societies and Other Professional Activities:

International:

2007-present International Anesthesia Research Society (Member)
2008-present American Society of Regional Anesthesia (Member)

National:

2001-present American Society of Anesthesiology (Member)
2004-present Society for Pediatric Anesthesia (Member)
2007-present Society of Simulation in Healthcare (Member)
2008-present Society for Pediatric Anesthesia (Simulation Interest Group) (Member)

Local:

2001-present Pennsylvania Society of Anesthesia (Member)

Editorial Positions:

2007-present Reviewer for Anesthesia and Analgesia
2010-present Reviewer for Minerva Anesthesiologica
2010-present Reviewer for Clinical Journal of Pain
2014-present Reviewer for BMC anesthesiology
2014-present Reviewer for Regional Anesthesia and Pain Medicine

Academic and Institutional Committees:

2007-2011 Anesthesia Liaison for Transplant, The Children's Hospital of Philadelphia
2007-2011 Anesthesia Liaison for Orthopedic Surgery, The Children's Hospital of Philadelphia

2007-2009	Anesthesia Liaison for Gastroenterology, The Children's Hospital of Philadelphia
2011-2012	Member of the Steering Committee for the General Anesthesia Division, The Children's Hospital of Philadelphia
2012-current	Member of "Special interest group on Simulation" at the Society of Pediatric Anesthesia.
2014-current	Member of "Communication Committee" for the Society for Pediatric Pain Management.
2015-current	Member of the "Education committee" for the Society for Pediatric Pain Management.
2016-Present	Program Leader for the simulation group of the Department of Pediatric Anesthesiology and Critical Care Medicine at Children's Hospital of Philadelphia.
2016-Present	Member of the Education Council for the Department of Anesthesiology and Critical care medicine at Children's Hospital of Philadelphia.
2017-2021	Board of Director for the "Society of Pediatric Pain Management".
2017-2019	Board of Director for Children's Anesthesiology Associates

Major Academic and Clinical Teaching Responsibilities:

2005-present	General Anesthesia Attending in the Operating Room at The Children's Hospital of Philadelphia
2005-present	Lectures to residents and fellows on pediatric anesthesia topics at The Children's Hospital of Philadelphia
2007-present	Simulation sessions for pediatric anesthesia fellows: Sessions for the fellows on management of pediatric perioperative crisis at The Children's Hospital of Philadelphia
2008	Simulation session for the students at the Nurse Anesthesia program in School of Nursing at University of Pennsylvania
2008-present	Simulation center: Facilitators workshop. Designed the Crisis Resource Management module for the workshop and delivered the workshop to trainees at The Children's Hospital of Philadelphia
2009	Grand Rounds: General Anesthesia Case Management Presentation on Epidural Analgesia at The Children's Hospital of Philadelphia
2009	Grand Rounds: Simulation for an Anesthesia Now in the operating room at The Children's Hospital of Philadelphia
2009	Workshop on: "Ultrasound Guidance and Regional Anesthesia in the Pediatric Patient", 3rd Annual Pediatric Anesthesiology and Critical Care Medicine Conference: Perioperative Care of the Infant and Child, The Children's Hospital of Philadelphia
2010-present	Simulation sessions for anesthesia residents: Sessions for the resident on management of pediatric perioperative crisis at The Children's Hospital of Philadelphia
2011	Pediatric regional anesthesia lecture for the Nurse Anesthesia program at the School of Nursing at University of Pennsylvania

2012	Pediatric regional anesthesia lecture for the Nurse Anesthesia program at the School of Nursing at University of Pennsylvania
2015-current	Simulation sessions for Sedation team at Children's Hospital of Philadelphia.
2015	Advanced airway management workshop for Pediatric Anesthesiologists
2015	Simulation session for Sedation team at Children's Hospital of Philadelphia
2017	Annual CHOP Community Advocacy- Sponsored by The Franklin Institute.

Lectures by Invitation (Last 5 years):

Mar, 2014	Problem based learning discussions titled "Low-dose Ketamine as Part of a Multi-modal Pain Strategy for a Neonatal CDH Repair while on ECMO" at the SPA/AAP Pediatric Anesthesiology 2014, Fort Lauderdale, Fl.
Mar, 2014	Problem based learning discussions titled: "Post-operative Pain Management in a 6 Year Old Undergoing a Distal Humerus Sarcoma Resection with Endoprosthesis Placement" at the 2014 SPPM Annual Meeting, Fort Lauderdale, Fl.
Mar, 2014	"Advanced Ultrasound Guided Regional Anesthesia Workshop" Pediatric Anesthesiology 2014, Fort Lauderdale, Fl.
Jun, 2014	American Society of Anesthesiologists approved simulation course for American Board of Anesthesiology Maintenance of Certification in Anesthesiology, Philadelphia, PA
Aug, 2014	Faculty for a day long "Annual Pediatric Anesthesia Fellows Boot Camp" Pediatric anesthesia Departments of CHOP / Hopkins / Nationwide/ Dupont / St. Christopher's / Dupont / UNC. Philadelphia, PA
Oct, 2014	Workshop "Perioperative Pediatric Advanced Life Support Simulation", Anesthesiology 2014, New Orleans, LA
Dec, 2014	American Society of Anesthesiologists approved simulation course for American Board of Anesthesiology Maintenance of Certification in Anesthesiology, Philadelphia, PA
Dec, 2014	Grand Rounds: "Pediatric Peripheral Nerve Blocks: Current Evidence and Lessons Learned", Department of Anesthesiology, University of Nebraska Medical Center, Omaha, NE
Dec, 2014	Keynote speaker at the 1st Annual Pediatric Pain management conference at Children's Hospital & Medical Center in Omaha, NE. Lecture titled: "Development and Implementation of a Pediatric PNB Service".
Mar, 2015	"Simulation-based education improves resident performance in management of pediatric critical events." Pediatric Anesthesiology 2015, Phoenix, AZ.
Mar, 2015	"Intraoperative caudal catheter migration". Poster presentation at Pediatric Anesthesiology 2015; Phoenix, AZ

- Mar, 2015 Workshop " MOCA Simulation session at SPA" Pediatric Anesthesiology 2015; Phoenix, AZ.
- Mar, 2015 Workshop: "Perioperative Pediatric Advanced Life Support Simulation" Pediatric Anesthesiology 2015; Phoenix, AZ
- Apr, 2015 "Ultrasound and Nerve Stimulation for Regional Anesthesia", presented at the Comprehensive Pediatric Regional Anesthesia Workshop Regional Anesthesia Techniques in Children. Philadelphia, PA
- Apr, 2015 "Cadaver Dissection workshop for Pediatric regional anesthesia" at the Comprehensive Pediatric Anesthesia Workshop. Philadelphia, PA
- Apr, 2015 "Live model workshop for Pediatric regional anesthesia" at the Comprehensive Pediatric anesthesia Workshop. Philadelphia, PA
- Apr, 2015 " Anatomy for Regional Anesthesia", presented at the Comprehensive Pediatric Regional Anesthesia Workshop Regional Anesthesia Techniques in Children, Philadelphia, PA
- Apr, 2015 "Controversies in Pediatric Regional Anesthesia" at the 11th Annual UPMC Regional Anesthesia & Ultrasound Guided Techniques Conference: "Update in Acute and Chronic Pain and Liver Transplantation Anesthesiology", Nemacon Woodlands, Farmington, PA.
- May, 2015 "Simulation in Pediatric Anesthesia", ASSAEAM sponsored Manaus Pediatric Anesthesia Symposium, Manaus,; Brazil.
- May, 2015 "Upper extremity Pediatric Regional anesthesia", ASSAEAM sponsored Manaus Pediatric Anesthesia Symposium, Manaus; Brazil.
- Jun, 2015 American Society of Anesthesiologists approved simulation course for American Board of Anesthesiology Maintenance of Certification in Anesthesiology, Philadelphia, PA
- Jun, 2015 Grand Rounds "Pediatric Peripheral nerve blocks: CHOP experience and Lessons Learned", Children's Hospital of Pittsburgh, Pittsburgh, PA.
- Aug, 2015 Faculty for a day long "Annual Pediatric Anesthesia Fellows Boot Camp" Pediatric anesthesia Departments of CHOP / Hopkins / Nationwide/ Dupont / St. Christopher's / Dupont / UNC. Philadelphia, PA
- Dec, 2015 American Society of Anesthesiologists approved simulation course for American Board of Anesthesiology Maintenance of Certification in Anesthesiology, Philadelphia, PA
- Mar, 2016 Workshop: "Perioperative Pediatric Advanced Life Support certification Simulation session " Pediatric Anesthesiology 2016; Colorado Springs, CO.
- Mar, 2016 "Anesthetic management of the First Pediatric Hand transplant" , Pediatric Anesthesiology 2016, Colorado Springs, CO.

Mar, 2016	"Effect of a hands-on training session for intraosseous needle placement on retention of knowledge and skill at 3-month follow-up", Pediatric Anesthesiology 2016, Colorado Springs, CO.
Apr, 2016	Workshop "MOCA Simulation session at SPA" Pediatric Anesthesiology 2016; Colorado Springs, CO.
Jun, 2016	American Society of Anesthesiologists approved simulation course for American Board of Anesthesiology Maintenance of Certification in Anesthesiology, Philadelphia, PA
Sep, 2016	Hands-On Simulation session " Managing Perioperative Emergencies" at the "Annual Pediatric Anesthesia Fellows Boot Camp."; Children's Hospital of Philadelphia.
Feb, 2017	"4th Annual Pediatric Anesthesia Winter Bootcamp", UNC Children's Hospital, Chapel Hill, NC.
Mar, 2017	Workshop "MOCA Simulation session at SPA" Pediatric Anesthesiology 2017; Austin, TX
Mar, 2017	Workshop: "Perioperative Pediatric Advanced Life Support Simulation session " Pediatric Anesthesiology 2017;Austin, Tx.
Apr, 2017	7th Annual Cadaver and Ultrasound Workshop for Regional Anesthesia and Other Application. University of Pennsylvania Department of Anesthesiology and Critical Care.
May, 2017	American Society of Anesthesiologists approved simulation course for American Board of Anesthesiology Maintenance of Certification in Anesthesiology, Philadelphia, PA
Sep, 2017	Hands-On Simulation session " Managing Perioperative Emergencies" at the "Annual Pediatric Anesthesia Fellows Boot Camp."; Children's Hospital of Philadelphia.
Oct, 2017	American Society of Anesthesiologists approved simulation course for American Board of Anesthesiology Maintenance of Certification in Anesthesiology, Philadelphia, PA
Nov, 2017	"Mid-West Pediatric anesthesia Fellows Boot Camp", Children's Hospital at Wisconsin, Milwaukee, WI.
Jan, 2018	American Society of Anesthesiologists approved simulation course for American Board of Anesthesiology Maintenance of Certification in Anesthesiology, Philadelphia, PA
Mar, 2018	Workshop "MOCA simulation at SPA"; Pediatric Anesthesiology 2018, Phoenix, AZ.
Mar, 2018	Workshop "Perioperative Pediatric Advanced Life Support Simulation Workshop", Pediatric Anesthesiology 2018, Phoenix, AZ
Mar, 2018	"Annual CRNA boot-camp", Children's Hospital of Philadelphia, Philadelphia, PA
Mar, 2018	Workshop "Simulation in our Pediatric Anesthesia World: An Introduction to Techniques and Tools for Improving Clinical Practice and Teaching.", Pediatric Anesthesiology 2018, Phoenix, AZ
Sep, 2018	Hands-On Simulation session at the "Annual Pediatric Anesthesia Fellows Boot Camp."; Children's Hospital of Philadelphia.

Nov, 2018	American Society of Anesthesiologists approved simulation course for American Board of Anesthesiology Maintenance of Certification in Anesthesiology, Philadelphia, PA
Mar, 2019	Workshop "MOCA simulation at SPA"; Pediatric Anesthesiology 2019, Houston, TX.
Mar, 2019	Workshop "Pediatric simulation Escape room.", Pediatric Anesthesiology 2019, Houston, TX
Mar, 2019	Pennsylvania society of Anesthesiologists Ultrasound Workshop
Mar, 2019	Workshop "Simulation in our Pediatric Anesthesia World: An Introduction to Techniques and Tools for Improving Clinical Practice and Teaching.", Pediatric Anesthesiology 2019, Houston, TX

Organizing Roles in Scientific Meetings:

Mar, 2008	Co-Director, Comprehensive Pediatric Regional Anesthesia Workshop The Children's Hospital of Philadelphia, Philadelphia, PA
May, 2008	Co-Director, Comprehensive Pediatric Regional Anesthesia Workshop The Children's Hospital of Philadelphia, Philadelphia, PA
May, 2009	Co-Director, Comprehensive Pediatric Regional Anesthesia Workshop The Children's Hospital of Philadelphia, Philadelphia, PA
Nov, 2009	Co-Director, Comprehensive Pediatric Regional Anesthesia Workshop The Children's Hospital of Philadelphia, Philadelphia, PA
Jun, 2014	Director, American Society of Anesthesiologists approved simulation course for American Board of Anesthesiology Maintenance of Certification in Anesthesiology The Children's Hospital of Philadelphia, Philadelphia, PA
Dec, 2014	Director, American Society of Anesthesiologists approved simulation course for American Board of Anesthesiology Maintenance of Certification in Anesthesiology The Children's Hospital of Philadelphia
Dec, 2014	Director, American Society of Anesthesiologists approved simulation course for American Board of Anesthesiology Maintenance of Certification in Anesthesiology The Children's hospital of Philadelphia, Philadelphia, PA
Apr, 2015	Co-Director, Comprehensive Pediatric Regional Anesthesia Workshop The Children's Hospital of Philadelphia, Philadelphia, PA
Jun, 2015	Director, American Society of Anesthesiologists approved simulation course for American Board of Anesthesiology Maintenance of Certification in Anesthesiology (MOCA). The Children's Hospital of Philadelphia

Dec, 2015	Director, American Society of Anesthesiologists approved simulation course for American Board of Anesthesiology Maintenance of Certification in Anesthesiology (MOCA). The Children's Hospital of Philadelphia
Jun, 2016	Director, American Society of Anesthesiologists approved simulation course for American Board of Anesthesiology Maintenance of Certification in Anesthesiology (MOCA). Philadelphia, PA
Sep, 2016	Organizer for the Annual Pediatric Anesthesia Fellows Boot Camp. Children's Hospital of Philadelphia
May, 2017	Director, American Society of Anesthesiologists approved simulation course for American Board of Anesthesiology Maintenance of Certification in Anesthesiology (MOCA). Philadelphia, PA
Oct, 2017	Director, American Society of Anesthesiologists approved simulation course for American Board of Anesthesiology Maintenance of Certification in Anesthesiology (MOCA). Philadelphia, PA
Jan, 2018	Director, American Society of Anesthesiologists approved simulation course for American Board of Anesthesiology Maintenance of Certification in Anesthesiology (MOCA). Philadelphia, PA
Mar, 2018	Coordinator for the "Perioperative Pediatric Advanced Life Support Simulation Workshop" Pediatric Anesthesiology 2018
Mar, 2018	Workshop Coordinator for the "Simulation in our Pediatric Anesthesia World: An Introduction to Techniques and Tools for Improving Clinical Practice and Teaching." Pediatric Anesthesiology 2018

Bibliography:

Research Publications, peer reviewed (print or other media):

1. Gurnaney HG, Spor D, Johnson DG, Propp R: Diagnostic accuracy and the observation option in acute otitis media: The Capital Region Otitis Project. International Journal of Pediatric Otorhinolaryngology 68(10): 1315-1325, October 2004.
2. Ganesh A, Rose JB, Wells L, Ganley T, Gurnaney HG, Maxwell LG, DiMaggio T, Milovcich K, Scollon M, Feldman JM, Cucchiaro G: Continuous peripheral nerve blockade for inpatient and outpatient postoperative analgesia in children. Anesthesia & Analgesia 105(5): 1234-1242, November 2007.
3. Davis PJ, Fertal KM, Boretsky KR, Fedel GM, Ingram MD, Woelfel SK, Hoffmann PC, Gurnaney HG, Young MC: The effects of oral ondansetron disintegrating tablets for prevention of at home emesis in pediatric patients after ear-nose-throat surgery. Anesthesia & Analgesia 106(4): 1117-11121, April 2008.

4. Fiadjoe JE, Gurnaney HG, Muralidhar K, Mohanty S, Kumar J, Viswanath R, Sonar S, Dunn S, Rehman MA: Telemedicine consultation and monitoring for pediatric liver transplant. Anesthesia & Analgesia 108(4): 1212-1214, April 2009.
5. Fiadjoe JE, Stricker PA, Hackell RS, Salam A, Gurnaney HG, Rehman MA, Litman, RS: The efficacy of the Storz Miller 1 video laryngoscope in a simulated infant difficult intubation. Anesthesia & Analgesia 108(6): 1783-1786, June 2009.
6. Gurnaney HG, Brown A, Litman RS: Malignant hyperthermia and the muscular dystrophies. Anesthesia and Analgesia 109(4): 1043-1048, October 2009.
7. Stricker PA, Gurnaney HG, Litman RS: Anesthetic management of children with an anterior mediastinal mass. Journal of Clinical Anesthesia 22(3): 159-163, May 2010.
8. Kraemer FW, Stricker PA, Gurnaney HG, McClung H, Meador MR, Sussman E, Burgess BJ, Ciampa B, Mendelsohn J, Rehman MA, Watcha MF: Bradycardia during induction of anesthesia with sevoflurane in children with Down Syndrome. Anesthesia and Analgesia 111(5): 1259-1263, November 2010.
9. Gurnaney HG, Maxwell LG, Kraemer FW, Goebel T, Nance ML, Ganesh A: Prospective randomized observer-blinded study comparing the analgesic efficacy of ultrasound-guided rectus sheath block and local anaesthetic infiltration for umbilical hernia repair. British Journal of Anaesthesia 107(5): 790-795, November 2011.
10. Fiadjoe JE, Gurnaney HG, Dalesio N, Sussman E, Zhao H, Zhang X, Stricker PA.: A prospective randomized equivalence trial of the glideScope Cobalt® Video laryngoscope to traditional direct laryngoscopy in neonates and infants. Anesthesiology 116(3): 622-628, March 2012.
11. Fiadjoe JE, Stricker P, Gurnaney HG, Nishisaki A, Rabinowitz A, Gurwitz A, McCloskey JJ, Ganesh A: Ultrasound-guided tracheal intubation: A novel intubation technique. Anesthesiology 117(6): 1389-1391, December 2012.
12. Simpao AF, Pruitt EY, Cook-Sather SD, Gurnaney HG, Rehman MA: The reliability of manual reporting of clinical events in an anesthesia information management system (AIMS). Journal of Clinical Monitoring and Computing 26(6): 437-439, December 2012.
13. Gurnaney H, Kraemer FW, Maxwell L, Muhly WT, Schleelein L, Ganesh A: Ambulatory continuous peripheral nerve blocks in children and adolescents: A longitudinal 8-year single center study. Anesthesia and Analgesia 118(3): 621-627, March 2014.

14. Qi J, Du B, Gurnaney H, Lu P, Zuo Y.: A prospective randomized observer-blinded study to assess postoperative analgesia provided by an ultrasound-guided bilateral thoracic paravertebral block for children undergoing the nuss procedure. Regional Anesthesia and Pain Medicine 39(3): 208-213, May-June 2014.
15. Gurnaney HG, Muhly WT, Kraemer FW, Cucchiaro G, Ganesh A: Safety of pediatric continuous interscalene block catheters placed under general anesthesia: A single center's experience. Acta Anaesthesiologica Scandinavica. Wiley-Blackwell, 59(3): 377-383, March 2015.
16. Fiadjoe John E, Hirschfeld Matthew, Wu Stephan, Markley James, Gurnaney Harshad, Jawad Abbas F, Stricker Paul, Kilbaugh Todd, Ross Patrick, Kovatsis Pete: A randomized multi-institutional crossover comparison of the GlideScope® Cobalt Video laryngoscope to the flexible fiberoptic bronchoscope in a Pierre Robin manikin. Paediatric anaesthesia 25(8): 801-6, Aug 2015.
17. Muhly Wallis T, Gurnaney Harshad G, Kraemer Francis W, Ganesh Arjunan, Maxwell Lynne G: A retrospective comparison of ropivacaine and 2-chloroprocaine continuous thoracic epidural analgesia for management of postthoracotomy pain in infants. Paediatric anaesthesia 25(11): 1162-7, November 2015.
18. Ambardekar AP, Singh D, Lockman JL, Rodgers DL, Hales RL, Gurnaney HG, Nathan A, Deutsch ES.: Pediatric anesthesiology fellow education: is a simulation-based boot camp feasible and valuable? Pediatric anaesthesia. Wiley,(5), 481-7, March 2016.
19. Gurnaney Harshad G, Fiadjoe John E, L Levin Scott, Chang Benjamin, Delvalle Heather, Gálvez Jorge, Rehman Mohamed A: Anesthetic management of the first pediatric bilateral hand transplant. Canadian Journal of Anaesthesia 63(6): 731-736, March 2016.
20. Man Janice Y, Gurnaney Harshad G, Dubow Scott R, DiMaggio Theresa J, Kroeplin Gina R, Adzick N Scott, Muhly Wallis T: A retrospective comparison of thoracic epidural infusion and multimodal analgesia protocol for pain management following the minimally invasive repair of pectus excavatum. Paediatric anaesthesia 27(12): 1227-1234, Dec 2017.
21. Gurnaney Harshad G, Cook-Sather Scott D, Shaked Abraham, Olthoff Kim M, Rand Elizabeth B, Lingappan Arul M, Rehman Mohamed A: Extubation in the operating room after pediatric liver transplant: A retrospective cohort study. Paediatric anaesthesia 28(2): 174-178, Feb 2018.

22. Adams Alexander J, Muhly Wallis T, Gurnaney Harshad G, Kerr Joy C, Wells Lawrence: Short-term Outcomes in Pediatric Patients Managed with Peripheral Nerve Blockade for Arthroscopic Anterior Cruciate Ligament Reconstruction and/or Meniscus Surgeries. Cureus 10(6): e2852, Jun 2018.
23. Zhang Bin, Gurnaney Harshad G, Stricker Paul A, Galvez Jorge A, Isserman Rebecca S, Fiadjoe John E: A Prospective Observational Study of Technical Difficulty With GlideScope-Guided Tracheal Intubation in Children. Anesthesia and analgesia 127(2): in press, In press 2018.

Research Publications, peer-reviewed reviews:

1. Conlay LA, Gurnaney HG: Vomiting or happiness: Have we taken surrogate endpoints too far? Seminars in Anesthesia, Perioperative Medicine and Pain 20(4): 283-287, December 2001.
2. Ganesh A, Gurnaney HG: Ultrasound guidance for pediatric peripheral nerve blockade. Anesthesiology Clinics. Fleisher LA, Ganesh A, Litman RS (eds.). Elsevier, Inc. 27(2): 197-212, June 2009.
3. Egeth M, Soosaar J, Shames A, Margolies R, Gurnaney H, Rehman M: Operative heuristics: Optimizing perioperative status boards. Biomedical Instrumentation & Technology. 47(S2): 64-67, October 2013.
4. Wallis T Muhly, Harshad Gurnaney and Arjunan Ganesh: Regional anesthesia for pediatric knee surgery: a review of the indications, procedures, outcomes, safety and challenges. Local and Regional Anesthesia. Dove Medical Press, 8: 85-91, November 2015.
5. Antony Sible, Gurnaney Harshad, Ganesh Arjunan: Pediatric Ambulatory Continuous Peripheral Nerve Blocks. Anesthesiology clinics 36(3): 455-465, Sep 2018.

Contributions to peer-reviewed research publications, participation cited but not by authorship:

[none]

Research Publications, non-peer reviewed:

[none]

Abstracts (Last 3 years):

1. Devika Singh, Arjunan Ganesh and Harshad Gurnaney : Continuous peripheral nerve catheter: An alternate use. Pediatric Anesthesiology 2016 March 2016.
2. Devika Singh, Harshad Gurnaney, Ellen Deutsch.: Fidelity in simulation meaningful to trainer and trainee. Pediatric Anesthesiology 2016. March 2016.

3. Janice Y. Man, Scott D. Dubow, Theresa J. DiMaggio, Harshad G. Gurnaney, Wallis T. Muhly.: A Comparison of Thoracic Epidural Infusion and a Multimodal Analgesia Protocol for Pain Management Following the Nuss Procedure Pediatric Anesthesiology 2016 March 2016.
4. Blasius K, Lupa C, Baboolal H, Joyner B, Hobbs G, McDaniel M, Isaak R, Smith M, Singh D, Gurnaney H.: Professionalism and Communication Assessment for Milestones in Pediatric Anesthesia: Thinking Outside the Box. Pediatric Anesthesiology 2017 March 2017.
5. Singh D, Gurnaney H, Fiadjoe J: Effectiveness of a difficult airway-training tutorial in improving practitioner knowledge and ability to use a glidescope video laryngoscope and a fiberoptic bronchoscope for intubation in a mannequin. Pediatric Anesthesiology 2017 March 2017.
6. Garcia-Marcinkiewicz A, Fiadjoe J, Adams H, Patel V, Gurnaney H, Peebles K, Lockman J, Kovatsis P: The impact of ventilation technique on complications in the PeDI difficult airway registry. Pediatric Anesthesiology 2018 March 2018.

Editorials, Reviews, Chapters, including participation in committee reports (print or other media):

1. Gurnaney HG, Stricker P, Ganesh A: An ounce of prevention is worth a pound of cure: Regional anesthesia in children [comment]. Anesthesia & Analgesia 108(2): 669, February 2009 Notes: Commentary.
2. Gurnaney HG, Kraemer FW, Ganesh A: Ultrasound and nerve stimulation to identify an abnormal location of the femoral nerve. Regional Anesthesia and Pain Medicine 34(6): 615, November/December 2009.
3. Gurnaney HG, Kraemer FW, Ganesh A, Wells L: What was the depth of insertion of the femoral nerve catheter and was this a stimulating or nonstimulating catheter? The Journal of Arthroplasty 25 (5): 836-837, August 2010.
4. Gurnaney HG, Ganesh A, Storm PB: Penile blood pressure monitoring for a pediatric patient with hypomelia. Anesthesia and Analgesia 111(5): 1328, November 2010.
5. Gurnaney HG, Ganesh A: A randomized clinical trial of the efficacy of scheduled dosing of acetaminophen and hydrocodone for the management of postoperative pain in children after tonsillectomy. The Clinical Journal of Pain 27(1): 89; Author Reply 90-1, January 2011.
6. Gurnaney HG, Kraemer FW, Ganesh A: Dermabond decreases pericatheter local anesthetic leakage after continuous perineural infusions. Anesthesia and Analgesia 113(1): 206, July 2011.

7. Gurnaney HG, Kraemer FW, Ganesh A: Response to "Super glue-stuck on you." Anesthesia and Analgesia 113(6): 1524, December 2011.
8. Tyler DC, Schleelein L, Gurnaney HG: Databases and outcome research in pediatric anesthesia. Gregory's Pediatric Anesthesia. George A. Gregory MD, Dean B. Andropoulos MD, (eds.). Wiley-Blackwell, Oxford, UK, 5th: 1768-1798, January 2012.
9. Gurnaney HG, Kraemer FW, Ganesh A: Perioperative role of methadone in adolescent patients. Anesthesiology 116(6): 1400-1401, June 2012.
10. Rehman MA, Taneja P, Gurnaney HG: New-onset prolonged QTc leading to Torsade de Pointes in a child with acute liver disease. Paediatric Anaesthesia 22(6): 593-595, June 2012.
11. Gurnaney HG, Ambarderkar A, Schwartz AJ: Is simulation the best way to assess pediatric anesthesia skills? Anesthesiology 117(1): 219-220, July 2012.
12. Fiadjoe JE, Stricker P, Gurnaney HG: Letter to the editor. Response to letter titled "Tracheal intubation performed with GlideScope Video Laryngoscope and direct laryngoscopy in neonates and infants". Anesthesiology 117(4): 915, October 2012.
13. Simpao AF, Gurnaney HG, Schwartz AJ, Maxwell LG, Rehman MA: Cephalad migration of pediatric caudal epidural catheters associated with change from prone to supine position. Anesthesiology 117(6): 1352, December 2012.
14. Gurnaney H, Ganesh A: Incidence and effects of unintentional intraneural injection during ultrasound-guided subgluteal sciatic nerve block. Regional Anesthesia & Pain Medicine 38(1): 72, January/February 2013.
15. Gurnaney HG, Fiadjoe J, Ganesh A: When should regional anesthesia be used in pediatric patients? Evidence-Based Practice of Anesthesiology. Lee A. Fleisher, MD (eds.). Elsevier, 3rd Edition, February 2013.
16. Muhly W, Gurnaney H, Hosalkar H, Kraemer F, Davidson R, Ganesh A: Continuous perineural infusion after lower extremity osteotomies in children: A feasibility and safety analysis. British Journal of Anaesthesia 110(5): 851-852, April 2013.
17. Fiadjoe JE, Gurnaney HG, Stricker PA: The GlideScope and the Bonfils is it the device, the operator, or both? Paediatric Anaesthesia 23(7): 673-674, July 2013.
18. Gurnaney H, Ganesh A: Regional anesthesia for the pediatric anesthesiologist. Pediatric Anesthesiology Review Topics. Justin Lockman (eds.). Naerthwyn Press, LLC, 10(5): 835-1025, October 2013.

19. Gurnaney HG: Chemotherapy and stem cell transplantation for the pediatric anesthesiologist. Pediatric Anesthesiology Review Topics. Justin Lockman (eds.). Naerthwyn Press, LLC, 8(4): 1085-1217, October 2013.
20. Gurnaney HG, Costandi A, Quint J, Litman R, Bhalla T, Tobias J : Regional anesthesia. Basics of Pediatric Anesthesia. Ron Litman (eds.). Page: 208-222, 2013.
21. Fiadjoe JE, Isserman RS, Gurnaney H, Kovatsis PG: GlideScope Cobalt Videolaryngoscope: Mirrors and illusions. Anesthesiology March 2014.
22. Olutunmbi Y, Gurnaney HG, Galvez JA, Simpao AF: Ultrasound-guided regional anesthesia in a pediatric patient with acute intermittent porphyria: Literature review and case report. Middle East Journal of Anesthesiology 22(5): 511, June 2014.
23. Harshad Gurnaney and Arjunan Ganesh: Ultrasound-guided rectus sheath block. Ultrasound Guided Regional Anesthesia in Children-A practical guide. Stephen Mannion, Gabriella Iohom, Christopher Dadure, Mark Reisbig and Arjunan Ganesh. (eds.). Cambridge University Press, Page: 112-117, September 2015.
24. Harshad Gurnaney and Arjunan Ganesh: Ultrasound-guided interscalene brachial plexus block. Ultrasound Guided Regional Anesthesia in Children - A practical guide. Stephen Mannion, Gabriella Iohom, Christopher Dadure, Mark Reisbig and Arjunan Ganesh. (eds.). Cambridge University Press, Page: 79-85, September 2015.
25. Margolies R, Gurnaney H, Egeth M, Fink N, Soosaar J, Shames A, Rehman M: Positioning patient status monitors in a family waiting room. Health Environments Research and Design Journal. Sage Publications. 8(2): 103-9, Winter 2015.
26. Harshad Gurnaney and Arjunan Ganesh: Epidural and Regional anesthesia. Fundamentals of Pediatric Surgery. Mattei P., Nichol P.F., Rollins, II M.D., Muratore C.S. (eds.). Springer-Verlag New York, 2nd edition, october 2016.
27. Harshad Gurnaney and Devika Singh.: Simulation for practicing the ASRA guidelines for the management of Local Anesthetic Systemic Toxicity (LAST). Society of Pediatric Pain Management Newsletter. Anjana Kundu and Rita Agarwal. (eds.). Society for Pediatric Pain Medicine, Fall 2016.
28. Harshad Gurnaney, Arjunan Ganesh: Upper Respiratory Tract Infection. Complications in Anesthesia Practice Dr. Fleisher and Dr.Rosenbaum (eds.). Elsevier, 3rd edition, 2017.

Books:

[none]

Alternative Media:

[none]

Patents:

[none]