

CURRICULUM VITAE

Jaya L. Varadarajan MD

**Associate Professor
Department of Anesthesiology
Division of Pediatric Anesthesiology**

OFFICE ADDRESS:

Children's Wisconsin - Milwaukee Hospital
8915 W Connell Court
Milwaukee, WI 53226
Phone: 414-266-3560
Fax: 414-266-6092
Email: jvaradar@mcw.edu

EDUCATION:

06/1979 - 05/1981 P.U.C.- Pre University Course, Manipal Junior College, Manipal, India
08/1981 - 01/1986 M.B.,B.S.Bachelor of Medicine & Bachelor of Surgery, Bangalore Medical College,
Bangalore, India

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

04/1986 - 03/1987 Intern, Victoria Vani-Vilas Combined Hospitals, Bangalore, India
06/1987 - 05/1988 Pre-Residency Fellow, Obstetrics & Gynecology, Kasturba Gandhi Hospital for Women &
Children, Chennai, India
05/1989 - 04/1991 Resident in Ophthalmology, C.U.Shah Ophthalmic PG Training Center, Chennai, India
07/1993 - 06/1994 Fellow in Visual Electrophysiology, Neuro-Ophthalmology, Michigan State University,
East Lansing, MI
07/1994 - 06/1995 Fellow in Neuro-Ophthalmology, Neuro-Ophthalmology, Michigan State University, East
Lansing, MI
07/1998 - 06/2002 Resident in Anesthesiology, Anesthesiology, Medical College of Wisconsin, Milwaukee,
WI 53188
07/2002 - 06/2003 Fellow in Pediatric Anesthesiology, Anesthesiology, Pediatric Anesthesiology, Medical
College of Wisconsin, Milwaukee, WI 53188
07/2003 - 06/2004 Fellow in Pain Management, Anesthesiology, Pain Management, Medical College of
Wisconsin, Milwaukee, WI 53188

FACULTY APPOINTMENTS:

04/1991 - 09/1992 Consultant Ophthalmologist, Ophthalmology, Sankara Netralaya, Medical Research
Foundation, Chennai, India
09/2002 - 05/2004 Clinical Instructor, Department of Anesthesiology, Pediatric Anesthesiology & Pain
Management, Medical College of Wisconsin, Milwaukee, WI 53226
06/2004 - 06/2013 Assistant Professor, Department of Anesthesiology, Pediatric Anesthesiology, Medical
College of Wisconsin, Milwaukee, WI 53226
06/2013 - Present Associate Professor, Department of Anesthesiology, Pediatric Anesthesiology, Medical
College of Wisconsin, Milwaukee, WI 53226

ADMINISTRATIVE APPOINTMENTS:

04/01/2021 - 03/30/2023 Chief of Surgery, Surgery, Childrens' Wisconsin

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

03/2010 - 10/2017 Director, Pediatric Regional Anesthesia Program, Anesthesiology, Pediatric

Anesthesiology, Children's Hospital of Wisconsin, Milwaukee, WI 53201
04/01/2021 - Present Chief, Department of Surgery, Department of Surgery, Medical College of Wisconsin

HOSPITAL STAFF PRIVILEGES:

04/1991 - 09/1992 Consultant Ophthalmologist, Ophthalmology, Sankara Netralaya, Chennai, India
09/2002 - Present Staff Physician, Anesthesiology, Pediatric Anesthesiology, Childrens Wisconsin, Milwaukee, WI 53201
06/2004 - Present Staff Physician, Anesthesiology, Pediatric Anesthesiology, Surgicenter of Greater Milwaukee, Milwaukee, WI 53227
06/2004 - Present Staff Physician, Anesthesiology, Froedtert Memorial Lutheran Hospital, Milwaukee, WI 53226

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
Diplomate of the ABA	04/2003	04/2023
Subspecialty Certification in Pain Management	11/2005	12/2025
Subspecialty Certification in Pediatric Anesthesiology	11/2013	12/2023

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
Diplomate of the ECFMG	ECFMG	1996	None
MOCA	American Board of Anesthesiology	01/2014	12/2023
ATLS	American College of Surgeons	10/2017	10/2021
PALS Certification Course 2020	Postgraduate Institute for Medicine	05/2020	04/2022
ACLS Certification Course 2020	Postgraduate Institute for Medicine	05/2020	04/2022

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
State of Wisconsin - Medicine & Surgery	43572-20	07/2001	10/2021
DEA Registration	BV7790480	04/10/2020	05/31/2023

AWARDS AND HONORS:

06/1979 - Present Best Graduating Student, Academy of General Education - Manipal Junior College
01/1986 - Present Award of Distinction to Medical Students - Otolaryngology, Bangalore Medical College
2009 - 2010 Best Doctor, Best Doctors of America
2010 - 2011 Best Doctor, Best Doctors of America
2011 - 2012 Best Doctor, Best Doctors of America
2012 - 2013 Best Doctor, Best Doctors of America
2013 - Present Doctor of Excellence, Board of the Leaders in Healthcare Network
2013 - 2014 Best Doctor, Best Doctors of America
2014 - 2015 Best Doctor, Best Doctors of America
2015 - 2016 Top Doctor in Milwaukee, WI, International Association of Anesthesiologists
2015 - 2016 Best Doctor, Best Doctors of America
2016 - 2017 Best Doctor, Best Doctors of America
2019 - 2020 Best Doctor, Best Doctors of America

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

01/1986 - Present Indian Medical Council (Member)

01/1986 - Present Karnataka Medical Council, India (Member)
 07/1998 - Present American Society of Anesthesiologists - ASA (Member)
 07/1998 - Present Wisconsin Medical Society (Member)
 07/1998 - Present Wisconsin Society of Anesthesiologists - WSA (Member)
 07/2000 - Present American Association of Physicians from India - AAPI (Member)
 01/2003 - Present Society for Pediatric Anesthesia - SPA (Member)
 02/2003 - 07/2006 International Anesthesia Research Society - IARS (Member)
 03/2003 - 03/2010 American Pain Society - APS (Member)
 03/2008 - Present SIG on Pain in Infants, Children & Adolescents - SPA (Member)
 06/2011 - 05/2018 American Society of Regional Anesthesia & Pain Medicine - ASRA (Member)

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Journal Review

2006 - Present Cleft Palate-Craniofacial Journal
 2006 - Present Clinical Journal of Pain
 2010 - Present Wisconsin Medical Journal

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Prior

Peer Review

Title:	Prospective Study of Parent – Nurse Controlled Analgesia for Postoperative Pain Management in Neonates: A preliminary randomized controlled trial
Source:	CTSI
Role:	Co-Principal Investigator
PI:	Michelle Czarnecki
Dates:	04/2013 - 03/2014
Direct Funds:	\$50,000
Title:	OTR 3001 An Open-label, Multicenter Study of the Safety of Twice Daily Oxycodone Hydrochloride Controlled-release Tablets in Opioid Tolerant Children from Ages 6 to 16 Years Old, Inclusive, with Moderate to Severe Malignant and/or Nonmalignant Pain Requiring Opioid Analgesics
Source:	Purdue Pharma
Role:	Co-Investigator
PI:	Several
Title:	A Randomized Effectiveness Trial of Parent/Nurse Controlled Analgesia vs. Continuous Opioid Infusion for Post-Operative Pain Management in Neonates.
Source:	NICHD-NIH R21
Role:	Co-Investigator
PI:	Michelle Czarnecki
Title:	OTR 1020 An Open-label Study to Characterize the Pharmacokinetics and Safety of Oxycodone Hydrochloride q12h Controlled-Release (ORF) Tablets in Pediatric Patients Aged 6 to 16 Years

	Inclusive, who Require Opioid Analgesia
Source:	Purdue Pharma
Role:	Co-Investigator
PI:	Multiple
 Title:	 Perioperative Use of Gabapentin to decrease Opioid Requirements In Pediatric Spine Fusion Patients
Role:	Co-Investigator
PI:	Lynn Rusy
 Title:	 Outcomes associated with parent/nurse-controlled analgesia (PNCA) in developmentally delayed postoperative patients.
Role:	Co-Investigator
PI:	Michelle Czarnecki
 Title:	 Retrospective Study of Parent – Nurse Controlled Analgesia in Postoperative Pain Management of Neonatal ICU patients.
Role:	Co-Investigator
PI:	Michelle Czarnecki

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Varadarajan, J, Pain Assessment, Surgery/Anesthesia/ICU conference, Children's Hospital of WI Milwaukee, WI, 11/2002

Varadarajan, J, Pain Assessment in Pediatrics, Surgery/Anesthesia/ICU Conference, Children's Hospital of Wisconsin Milwaukee, WI, 05/2010

Varadarajan, J, Outpatient Pain Management – Nuances and Impact of psychosocial factors on response to pain interventions in the outpatient chronic pain population, Presentation to Sports Medicine Program, Medical College of Wisconsin Milwaukee, WI, 03/2013

Varadarajan, J, Pain Assessment in Pediatrics, Presentation to Department of Pediatrics, Medical College of Wisconsin Milwaukee, WI, 07/2013

Varadarajan, J, Acute Pain Management in Pediatrics, Presentation to Department of Pediatrics, Medical College of Wisconsin Milwaukee, WI, 07/2014

Varadarajan, J, Adult and Pediatric Airway Station, CA-1 Impaired Physician and Wellness Workshop - Department of Anesthesiology, Medical College of Wisconsin, 08/2018

Varadarajan, J, Pediatric Airway Station, CA-1 Workshop, Department of Anesthesiology, Medical College of Wisconsin, 01/2019

Regional

Judge & Moderator, Annual MARC meeting, St.Louis, MO, 04/2007

Varadarajan, J, Drugs, Blocks and More – Postoperative Pain Management in Orthopedic Surgery, Grand Rounds Speaker, Department of Orthopedics, Medical College of Wisconsin, 01/2011

Varadarajan, J, Nuances of Inpatient Pain Management and Transition to Outpatient Medications., Faculty Development Session - Hospitalist Section of Department of Pediatrics, Medical College of Wisconsin, Milwaukee, WI, 04/2015

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

Regional

Varadarajan J, Varadarajan S, Dhamee S, Reduced Oxygen Saturation Measurements after the injection of

Isosulfan Blue in patients undergoing lymph node localization for breast cancer, Annual Midwest Anesthesiology Residents' Conference, Chicago, IL, 03/2000

Varadarajan J, Burgos L.G, Prolonged Recovery from Cisatracurium, Annual Midwest Anesthesiology Residents' Conference, Milwaukee, WI, 03/2001

McQueen A, Varadarajan J, Anesthetic Management of a Child with Moyamoya Disease and Anesthetic Considerations for Cranial Revascularization, Annual Midwest Anesthesiology Residents' Conference, St.Louis, MO, 04/2007

Dwarakanath K, Varadarajan J, Anesthetic Management of an infant with vocal cord nodules, Annual Midwest Anesthesiology Residents' Conference, Indianapolis, IN, 04/2008

Vardanyan M, Varadarajan J, Dexmedetomidine overdose during pediatric sedation for MRI – report of a case, Annual Midwest Anesthesiology Residents' Conference, Chicago, IL, 04/2014

Roberts C, Varadarajan J, Anesthetic Considerations for Visualase Thermolaser Ablation of Inoperable tumours, Annual Midwest Anesthesiology Residents' Conference, Minneapolis, MN, 04/2016

Wang W, Varadarajan J, Anaphylactic reaction to fresh frozen plasma transfusion in the setting of a peanut allergy, Annual Midwest Anesthesiology Residents' Conference, Chicago IL, 04/2017

Dontukurthy S, Varadarajan J, Anesthetic Implications of Epidermolysis Bullosa, Annual Midwest Anesthesiology Residents' Conference, Cincinnati, OH, 04/2018

Wasson C, Varadarajan J, Anesthetic Considerations for Acute Spinal Cord Transection, Annual Midwest Anesthesiology Residents' Conference, Milwaukee, WI, 05/2020

National

Manrique C, Kayabasi U, Varadarajan J, Optic Nerve Enhancement on Magnetic Resonance Imaging, Annual Meeting of The North American Neuro-Ophthalmology Society - Poster, Phoenix, AZ, 1995

Varadarajan, J, Airway Management of the Neonate with Mandibular Hypoplasia., Annual Meeting of the American Society of Anesthesiologists - Poster, Atlanta, GA, 10/2005

Varadarajan J, PBLD - Anesthetic Considerations for Cranial Revascularization in a Child with moyamoya disease., Annual Meeting of the American Society of Anesthesiologists, San Francisco, CA, 10/2007

Varadarajan J, Ladwig RJ, Jastrowski-Mano KE, Hainsworth KR, Pain catastrophizing and daily functioning in children and adolescents with chronic abdominal pain: the predictive role of helplessness, Annual meeting of the American Pain Society - Poster, San Diego, CA, 05/2009

Hickman J, Varadarajan J, Pediatric CRPS: A Complex Illness Requiring Complex Multimodal Management., Annual meeting of the American Academy of Pain Medicine - Poster, San Antonio, TX, 02/2010

Varadarajan J, Hainsworth KR, Cassidy L, Hoffman G, Anesthesiologist -Directed Pediatric MRI Sedation – A Retrospective Study of Patient Safety and Outcomes, Annual Meeting of the American Society of Anesthesiologists - Poster, Chicago, IL, 10/2011

Czarnecki ML, Hainsworth KR, Arca M, Uhing M, Varadarajan J, Simpson PM, Weisman SJ, PNCA in Neonatal Postoperative Pain Management, 31st Annual Scientific Meeting of the American Pain Society - Poster, Honolulu, Hawaii, 05/2012

Wiktor M, Strandness T, Varadarajan J, Reliability of predicting thoracic epidural catheter tip site in the pediatric population, 11th Annual Pain Medicine Meeting - Poster, Miami, FL, 11/2012

Meinecke B, Varadarajan J, Anesthetizing Light Sensitive Patients after Photofrin Therapy - An Initial Case Series of 3 Patients, Annual Meeting of the Society for Pediatric Anesthesia - Poster, Fort Lauderdale, FL, 03/2014

Labovsky K, Varadarajan J, PBLD - It's Just a Little Add-On! Airway Deviation from a Neck Mass in a Super Morbidly Obese Pediatric Patient, Annual Meeting of the Society for Pediatric Anesthesia, Phoenix, AZ, 03/2015

Dalsania P, Varadarajan J, Anesthetic management of Moyamoya disease, Annual Meeting of the Society for Pediatric Anesthesia - Poster, Phoenix, AZ, 03/2015

Meier N, Varadarajan J, Donor Peanut Allergen in Fresh Frozen Plasma: Rare Cause of Transfusion Reaction - Poster, Annual Meeting of the Society for Pediatric Anesthesia - Poster, Austin, TX, 03/2017

Tam Anthony, Varadarajan J, Cognitive Aid Development and Lessons Learned from a Power Interruption, Annual Meeting of the Society for Pediatric Anesthesia - Poster, Phoenix, AZ, 03/2018

International

Varadarajan J, Ladwig R, Complex Pain, Complex Families: A Case Study, Workshop at The 6th International Forum on Pediatric Pain, Nova Scotia, Canada, 10/2006

Varadarajan J, Ladwig R, Single Visit Consultation: Addressing the Complexities of Pediatric Chronic Pain, 6th International Forum on Pediatric Pain - Poster, Nova Scotia, Canada, 10/2006
Czarnecki ML, Hainsworth KR, Arca M, Uhing M, Varadarajan J, Simpson PM, Weisman SJ, The Use of PNCA in Neonatal Postoperative Pain Management, International Assembly for Pediatric Anesthesia - Poster, Washington, DC, 10/2012
Labovsky K, Varadarajan J., PBLD - Run, Hide, Fight; An Active Shooter Situation in a Pediatric Hospital Setting, Annual Meeting of the Society for Pediatric Anesthesia, Nassau, Bahamas, 03/2020

COMMITTEE SERVICE:

Medical College of Wisconsin

06/2005 - 06/2007 Member, Keyword Committee, Anesthesiology, Medical College of Wisconsin
09/2005 - 09/2008 Anesthesiology Department Representative, Faculty Council, Anesthesiology, Medical College of Wisconsin
07/2006 - 07/2007 Member, Resident Recruitment Committee, Anesthesiology, Medical College of Wisconsin
04/01/2021 - Present Member, Medical Executive Committee, Medical College of Wisconsin

Hospital

01/2008 - 06/2009 Member & Physician Representative, Six-Sigma Initiative aimed at eliminating harm associated with PCA, Pediatric Anesthesiology, Anesthesiology, Children's Hospital of Wisconsin
09/2008 - Present Member, Anesthesia Quality Committee, Pediatric Anesthesiology, Anesthesiology, Children's Hospital of Wisconsin
10/2010 - 2015 Physician Member, Pharmacy and Therapeutics Committee, Pediatric Anesthesiology, Anesthesiology, Children's Hospital of Wisconsin
01/2016 - Present Member, Q/I Committee, Pediatric Anesthesiology, Anesthesiology, Children's Hospital of Wisconsin
04/01/2021 - Present Member, CHW Credentialing Committee, Children's Wisconsin
04/01/2021 - Present Chair, CHW Joint Patient Care Committee, Children's Wisconsin

MEDICAL COLLEGE TEACHING ACTIVITIES:

Medical Student Education

06/2004 - Present Preceptor for M3 and M4 students on their anesthesia rotation at CHW, in the OR

Resident and Fellow Education

08/15/2016 Lecture - Acute Pediatric Pain
10/03/2016 Lecture - Acute Pediatric Pain
01/19/2017 Lecture - Pyloric Stenosis
02/13/2017 Lecture - Active Shooter Situation in a Hospital Setting
04/17/2017 Lecture - Pyloric Stenosis
01/18/2018 Acute Pain - Interactive Discussion

EXTRAMURAL TEACHING:

Resident and Fellow Education

06/2004 - 06/2014 MCW - Pain Management, Fellow Lecture - Pediatric Cancer Pain
11/11/2016 MCW - Section of Pediatric Anesthesiology, Morbidity & Mortality Conference
02/14/2017 MCW - Section of Pediatric Anesthesia, PBLD - Pyloric Stenosis
05/26/2017 MCW - Section of Pediatric Anesthesiology, Morbidity & Mortality Conference
07/03/2017 MCW - Section of Pediatric Anesthesia, Lecture - Acute Pain Management
10/06/2017 MCW - Section of Pediatric Anesthesiology, Morbidity & Mortality Conference - Complications of Pediatric Epidurals
02/22/2018 MCW - Section of Pediatric Anesthesiology, Lecture - Pyloric Stenosis
04/09/2018 MCW - Section of Pediatric Anesthesiology, Lecture - Acute & Chronic Pain
09/20/2018 MCW - Section of Pediatric Anesthesiology, Lecture - Pyloric Stenosis
10/15/2018 MCW - Section of Pediatric Anesthesiology, Lecture - Acute Pain

11/08/2018 MCW - Section of Pediatric Anesthesia, Journal Club - Comparison of Methadone vs. Morphine for Neonatal Abstinence Syndrome
02/11/2019 MCW - Section of Pediatric Anesthesiology, Fellow Lecture - CNS physiology, pathology, therapy - Neuroanesthesia & Critical Care
06/04/2019 MCW - Section of Pediatric Anesthesiology, Lecture - Pyloric Stenosis
05/08/2020 MCW - Section of Pediatric Anesthesiology, Morbidity & Mortality Conference - Volatile Anesthetics in the use of Intractable Asthma in the ICU
04/16/2021 Children's Wisconsin, CHW Morbidity Mortality Conference - Management of the Difficult Pediatric Airway

Continuing Medical Education

06/2004 - Present Children's Hospital of WI, supervision and teaching of nurses in remote sedation locations that include MRI, Interventional Radiology, PET scanner, and NMR scanner

Postdoctoral Fellow Education

06/2004 - 2016 Children's Hospital of Wisconsin, Supervision and instruction of psychology post-doctoral fellows and graduate students on an internship in the Pediatric Chronic Pain Clinic. Supervise case management decisions, presentations at clinical meetings, advised patient school curriculum adjustments to accommodate chronic pain, to be then implemented by the psychology graduate student/school personnel. Students mentored include Kristen Jastrowski Mano, Jennifer Hauser, Jacqueline Smith, Molly Garwood, Brittany Barber, Katie Solomon, Susan Tran and Dina Karvounides.

Nursing Student Education

06/2004 - Present Marquette University School of Nursing, Teach undergraduate nursing students, Student RNA, Student Anesthesia Assistants, rotating on the Acute Pain Service, and in the operating room

MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:

Clinical/Research Fellows

Murari Vasudevan, MCW, 08/2008 - 07/2009 Faculty Mentor during Fellowship, Moderation of M&M, successful completion of Fellowship
Pankaj Chhatbar, MCW, 07/2011 - 06/2012 Faculty Mentor during Fellowship
Thomas Strandness, MCW, 08/2011 - 07/2012 Faculty Mentor during Fellowship, ASA Presentation 2012 & 2013
Marisa Wiktor, MCW, 08/2011 - 07/2013 Faculty Mentor during Fellowship, ASA presentations in 2012 & 2013
Barbara Meinecke, MCW, 08/2013 - 07/2014 Faculty Mentor during Fellowship, Presentation at SPA
Pooja Dalsania, MCW, 08/2014 - 07/2015 Faculty Mentor, Presentation at SPA Meeting
Nicholas Neier, MCW, 08/2016 - 07/2017 Faculty Mentor, Presentation at SPA
Anna Dziamski, MCW, 07/2017 - 06/2018 Academic, Presentation at M&M
Anthony Tam, MCW, 07/2017 - 08/2018 Faculty Mentor
Sujana Dontukurthy, MCW, 07/2017 - 08/2018 Faculty Mentor, Presentation at MARC meeting
Chaltu Ayano, MCW, 08/2018 - 07/2019 Academic & Faculty Mentor, Presented a Journal Club
Cassandra Wasson, MCW, 08/2019 - Present Academic Mentor, Presentation at MARC 2020
Avani Patel, MCW, 08/2019 - Present Academic Mentor, Presented M&M conference

Residents

Ayse Kula, MCW, 10/2005 - 06/2008 Faculty Mentor during residency, Completion of residency, fellowship entry
Amanda McQueen, MCW, 01/2007 - 03/2007 Academic, Presentation at MARC meeting - 2007
Kishan Dwarakanath, MCW, 10/2007 - 12/2007 Academic, Presentation at MARC meeting - 2008
Mark Smeltzer, MCW, 07/2012 - 06/2015 Faculty Mentor during residency
Marina Vardanyan, MCW, 01/2014 - 03/2014 Academic, Presentation at MARC meeting 2014
Michelle Grady, MCW, 07/2018 - 06/2019 Faculty Mentor CA -1 year

Faculty

Kristen Labovsky, MCW, 2014 - 2015 Faculty Mentor, Developed and co-moderated a PBLD at SPA meeting

Kristen Labovsky, MCW, 2019 - 2020 Academic, Co-moderated a PBLD at SPA meeting 2020

PROGRAMMATIC DEVELOPMENTS:

Educational Programs

Fellow

2010 Participated in RRC review

2012 Internal review of Pediatric Anesthesia Fellowship

Clinical Programs

2010 - 2017 Development of a Pediatric Regional Anesthesia program

COMMUNITY SERVICE ACTIVITIES:

2010 - Present Research Grant Reviewer for Clinical & Translational Science Institute (CTSI) at MCW

GLOBAL HEALTH ACTIVITIES:

03/01/2019 - 03/12/2019 LEAP global mission to Damoh, India - providing anesthesia for cleft lip & cleft palate surgeries

02/14/2020 - 02/23/2020 LEAP global mission to Damoh, India - providing anesthesia for cleft lip & cleft palate surgeries, and Burn contracture release

DEPARTMENT LIAISON:

06/2010 - 06/2016 Pediatric Anesthesiology Department Liaison to the Orthopedic service

06/2010 - Present Pediatric Anesthesiology Department Liaison to the Neurosurgery service

08/2012 - Present Pediatric Anesthesiology Department Liaison to MRI and Imaging services

MOCK ORAL EXAMS:

2016 - 2017 Practice Mock Oral Exams in preparation for Oral Boards for residents and Fellows

PATIENT SAFETY/QI INITIATIVE:

10/16/2017 Clinical Safety & Effectiveness Course

QI INITIATIVE:

06/05/2018 IHI Open School Basic Certification

STUDY CONSULTANT:

2005 - 2007 Collaboration with SkyePharma - Consulted on a pediatric study design involving Depodur liposomal injection (extended release formulation)

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. VARADARAJAN J, Madhavan H, Badrinath SS. Acetone Sterilization of Surgical Instruments in Ophthalmic Surgery. Netralaya Insight. July-August 1992.
2. The Ischemic Optic Neuropathy Decompression Trial Research Group: Optic Nerve Decompression Surgery for Nonarteritic Anterior Ischemic Optic Neuropathy (NAION) is not Effective and May be Harmful. JAMA. February 1995
3. VARADARAJAN J, Eggenberger E. Infective Endocarditis: a Photo Essay. Journal of Neuro-Ophthalmology. December 1996.
4. Czarnecki ML, Hainsworth KR, Simpson PM, Arca MJ, Uhing MR, VARADARAJAN J, Weisman SJ.

5. A Retrospective Study of Parent/Nurse Controlled Analgesia (PNCA) for Post-operative Pain Management in the NICU. *Journal of Perinatology* (Under Review).
6. VARADARAJAN J, Hainsworth KR, Cassidy L, Hoffman G. Anesthesiologist-Directed Pediatric MRI Sedation. A Retrospective Study of Patient Safety and Outcomes. In preparation.
7. Czarnecki ML, Hainsworth KR, Simpson PM, Arca MJ, Uhing MR, VARADARAJAN J, Weisman SJ.
8. Is there an alternative to continuous opioid infusion for neonatal pain control? A preliminary report of parent/nurse-controlled analgesia in the neonatal intensive care unit. *Pediatric Anesthesia*. Jan 2014
9. Strandness T, Wiktor M, VARADARAJAN J, Weisman S. Migration of Pediatric Epidural Catheters. *Pediatric Anesthesia* Jan 2015
10. Hainsworth K, Simpson P, Arca, MJ, Uhing MR, Zhang, L, Grippe A, VARADARAJAN J, Rusy L, Firary M, Weisman S. A Pilot Randomized Controlled Trial of Outcomes Associated with Parent/Nurse Controlled Analgesia vs. Continuous Opioid Infusion in the Neonatal Intensive Care Unit. *Pain Manag Nurs*. 2020
11. Hainsworth K, Simpson P, Ali O, **Varadarajan J**, Rusy L, Weisman S. Quantitative Sensory Testing in Adolescents with Co-occurring Chronic Pain and Obesity: A Pilot Study. *Children*, 6/2020.
12. . The ischemic optic neuropathy decompression trial (IONDT): design and methods. *Control Clin Trials*. 1998 Jun;19(3):276-96.
13. **Varadarajan J**, Eggenberger ER. Infective endocarditis-a photo essay *Journal of Neuro-Ophthalmology*. 1996;16(4):291-294.
14. . Characteristics of patients with nonarteritic anterior ischemic optic neuropathy eligible for the Ischemic Optic Neuropathy Decompression Trial. *Arch Ophthalmol*. 1996 Nov;114(11):1366-74.
15. . Optic nerve decompression surgery for nonarteritic anterior ischemic optic neuropathy (NAION) is not effective and may be harmful. The Ischemic Optic Neuropathy Decompression Trial Research Group. *JAMA*. 1995 Feb 22;273(8):625-32.
16. Hainsworth KR, Simpson PM, Ali O, **Varadarajan J**, Rusy L, Weisman SJ. Quantitative Sensory Testing in Adolescents with Co-occurring Chronic Pain and Obesity: A Pilot Study. *Children (Basel)*. 2020 Jun 02;7(6). PMID: PMC7346135
17. **Varadarajan JL**, Weisman SJ. Pediatric Pain Pain Medicine: The Requisites in Anesthesiology. 7 April 2006:114-131.

Books, Chapters, and Reviews

1. VARADARAJAN J, Weisman SJ. Chapter 11, Pediatric Pain. *Pain Medicine: The Requisites in Anesthesiology*. Edited by Stephen E. Abram. Mosby, Inc. Philadelphia, PA 2006
2. VARADARAJAN J, Weisman SJ. Acute Pain Management in Sickle Cell Disease Patients. *Acute Pain: Mechanisms and Management*. 2nd Edition. Edited by Drs. Raymond Sinatra, Oscar DeLeon-Cassasola, Eugene Viscusi, and Brian Ginsberg. Cambridge University Press, New York, NY 2009
3. VARADARAJAN J, Ladwig R. Pediatric Pain: A Clinical Casebook. *Proceedings of the 6th International Forum on Pediatric Pain*. Edited by Christine Chambers, Nova Scotia, Canada 10/2006
4. Hickman J, VARADARAJAN J, Weisman SJ. Pediatric Cancer Pain. *Oxford Textbook of Pediatric Pain*. 1st Edition. Edited by Drs. Patrick McGrath, Bonnie Stevens, Suellen Walker, and William Zempsky. Oxford University Press (UK). December 2013
5. VARADARAJAN J, *Anesthesia for Neurosurgical Procedures. Anesthesiology- A Practical Approach*. 1st Edition. Edited by Drs. Basavana G Goudra, Vidya Chidambaram, Michael Duggan, Hariprasad K Venkata, Elizabeth Duggan, Mark Powell, and Preet Mohinder Singh. Springer International. 2018
6. Hickman J, VARADARAJAN J. *Pediatric Pain Management, Anesthesiology-A Practical Approach*. 1st Edition. Edited by Drs. Basavana G Goudra, Vidya Chidambaram, Michael Duggan, Hariprasad K Venkata, Elizabeth Duggan, Mark Powell, and Preet Mohinder Singh. Springer International. 2018
7. VARADARAJAN J. *Anesthetic Practice in Neurosurgery. Clinical Pediatric Anesthesiology* 1st Edition. Edited by Drs. Herodotos Ellinas, Kai Matthes, Walid Alrayashi, and Aykut Bilge. McGraw Hill LLC, New York, NY - 2020