Curriculum Vitae

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Education

08/1984 - 06/1989	B.B.A. in Accounting and Finance from University of Cincinnati, Cincinnati, OH
01/1994 - 05/1994	Pre-Medicine from University of Rhode Island, Providence, Rhode Island
06/1994 - 01/1996	Pre-Medicine from University of Toledo, Toledo, Ohio
08/1996 - 06/2000	M.D. in Medicine from University of Cincinnati, Cincinnati, OH

Training

07/2000 - 06/2001	Internship in Internal Medicine from Mercy Medical Center, Baltimore, Maryland
07/2001 - 06/2004	Residency in Anesthesiology from The Johns Hopkins Hospital, Baltimore, Maryland

Licensure and Certification

04/2004 - 07/2007	License, Kansas Medical License of Kansas United States (30607)
09/2005 - Present	Certification, American Board of Anesthesiology United States (38848)
05/2007 - Present	License, Tennessee Medical License of Tennessee United States (42607)

Academic Appointments

07/2004 - 09/2005	Clinical Assistant Instructor, The University of Kansas, School of Medicine - Wichita (Wichita, Kansas)
10/2005 - 07/2007	Assistant Program Director, The University of Kansas, School of Medicine Wichita (Wichita, Kansas)
07/2007 - Present	Assistant Professor of Anesthesiology, Vanderbilt University (Nashville, Tennessee)

Hospital Appointments

07/2004 - 07/2007	Staff Anesthesiologist, Surgery Center of Kansas (Wichita, Kansas)
07/2004 - 07/2007	Staff Anesthesiologist, Cypress Medical Center (Wichita, Kansas)
07/2004 - 07/2007	Staff Anesthesiologist, Wesley Medical Center (Wichita, Kansas)
07/2008 - 06/2011	Anesthesiology Medical Director of Radiology/VUH1 Services, Vanderbilt University School of Medicine (Nashville, Tennessee)
07/2009 - 07/2010	Associate Director of Perioperative Informatics, Anesthesiology, Vanderbilt University School of Medicine (Nashville, Tennessee)
07/2010 - 07/2012	Medical Director, Access & Administrative Operations, Vanderbilt University School of Medicine (Nashville, Tennessee)
	Medical Director of Perioperative Informatics, Anesthesiology, Vanderbilt University School of

07/2010 - Present	Medicine (Nashville, Tennessee)

Other Work Experience

07/1989 - 04/1990	Staff Auditor, KPMG Peat Marwick (Cincinnati, Ohio)
10/1990 - 07/1992	Staff Auditor, Penn Central Corporation (Cincinnati, Ohio)
07/1992 - 04/1993	Advanced Staff Auditor, Penn Central Corporation (Cincinnati, Ohio)
05/1993 - 09/1993	Plant Controller, General Cable Corporation (Formerly a division of Penn Central Corporation) (Altoona, Pennsylvania)
10/1993 - 05/1994	Finance Director and OSHA Coordinator, KMC Inc., subsidiary of Cookson America (Providence, Rhode Island)
08/1997 - 06/2000	Intern/Database Consultant, Children's Hospital of Cincinnati (Cincinnati, Ohio)
07/2004 - 06/2006	Anesthesiologist, Wichita Anesthesiology, Chartered (Wichita, Kansas)
07/2006 - 07/2007	Anesthesiologist; Full Partner, Wichita Anesthesiology, Chartered (Wichita, Kansas)
07/2011 - Present	Competency-Based Behavioral Interviewer (CBBI), Office of Medical School Admissions, Vanderbilt University School Of Medicine (Nashville, Tennessee)

Professional Organizations

2001	American Society of Anesthesiologists, Member
2006 - 2007	Medical Society of Sedgwick County, Member
2008	Tennessee Society of Anesthesiologists, Member
2008 - 2011	The Society For Technology in Anesthesia, Member
2009 - 2010	American Association of Clinical Directors, Member
2010 - 2012	American Association of Clinical Directors, Board of Directors
2011	Production and Operations Management Society, Member
2011 - 2013	The Society For Technology in Anesthesia, Director-At-Large
2013	The Society For Technology in Anesthesia, Director
2013	American Society of Anesthesiologists, Representative to the Association for the Advancement of Medical Instrumentation
2013 - 2014	The Society For Technology in Anesthesia, Treasurer
2013 - 2014	The Society For Technology in Anesthesia, 2014 Program Co-Chair

Professional Activities

Intramural

2002 - 2004	Webmaster, The Johns Hopkins Hospital
2003 - 2004	Information Technologies Steering Committee, The Johns Hopkins Hospital, Participant
2005 - 2007	Website Administrator, Wichita Anesthesiology, Chartered
01/2006 - 07/2007	Difficult Airway Committee, Wesley Medical Center, Administrative
2008 - 2010	Sedation Committee, Vanderbilt Univeristy Medical Center
07/2008 - 03/2014	Perioperative Informatics Operations Committee, Vanderbilt Univeristy Medical Center
04/2010 - Present	Informatics in Perioperative Services Steering Committee, Vanderbilt Univeristy School of Medicine, Medical Director, Lead
04/2010 - Present	Perioperative Informatics Directors, Vanderbilt University Medical Center, Medical Director, Member
07/2010 - Present	Supplies and Equipment Committee, Vanderbilt Univeristy School of Medicine
07/2011 - 02/2012	Improved Use of Integrated Electronic Documents - VCH Perioperative Services, Vanderbilt Children's Hospital, Medical Director, Member
10/2011 - Present	Integrated Presence Core Group, Vanderbilt University Medical Center, Informatics Lead
01/2012 - 06/2013	Periop Surgical Documentation Workgroup, Vanderbilt University Medical Center, Medical Director, Workgroup Leader
04/2012 - Present	vACT Core Group, Vanderbilt University Medical Center, Informatics Lead

Extramural

03/2006 - 07/2007	Blood Banking Committee, Medical Society of Sedgwick County, Administrative
03/2009 - 03/2010	Communications Committee, American Association of Clinical Directors, Member
10/2009 - Present	Committee for Electronic Media and Information Technology, American Society of Anesthesiologists, Member
01/2010 - 12/2013	Computing Workshop, American Society of Anesthesiologists, Co-Moderator
02/2010 - 03/2012	Board of Directors and AACD Newsletter Editor, American Association of Clinical Directors, Member
10/2010 - 10/2010	Patient Safety, Practice Management, Patient Safety - Registries And Outcomes, American Society of Anesthesiologists, Abstract Moderator
10/2011 - Present	Environmental Task Force, American Society of Anesthesiologists, Member
10/2011 - 02/2012	Reviewer for Journal of Ergonomics
01/2013 - Present	Reviewer for Anesthesiology
02/2013 - 12/2013	HIMSS Usability and Consumer Engagement Work Group, mHIMSS, Member, Contributor
02/2013 - 06/2014	mHIMSS Advisory Council Mtg, mHIMSS, Member, Contributor
04/2013 - Present	Reviewer for Journal of Clinical Anesthesia
05/2013 - Present	Reviewer for Anesthesia & Analgesia
09/2013 - Present	Reviewer for Applied Clinical Informatics
10/2013 - Present	Communication Subcommittee, Society of Anesthesia and Sleep Medicine, Subcommittee Member, IT Consultation
10/2013 - Present	Equipment and Facilities, American Society of Anesthesiologists, The committee is charged with investigating and propogating best anesthesia practices that are beneficial to the environment and the patient as well as interfacing with several national and international standards boards on behalf of the ASA., Member, Member
10/2013 - Present	Clinical Alarms, Association for the Advancement of Medical Instrumentation, Member, Representative for American Society of Anesthesiologists
10/2013 - Present	Reviewer for Journal of Medical Systems

Teaching Activities

2007 - Present	Intern Didactics Lectures (3 hours/year), Lecturer, Vanderbilt University Medical Center
2007 - Present	Resident Didactic Lectures (7-10 hours/year), Lecturer, Vanderbilt University Medical Center
2007 - 2013	Mock Oral Boards Program (3 hours/year), Mock Examiner, Vanderbilt University Medical Center
04/2008 - 04/2008	Medical Student Acute Pain Lecture (4 hours), Lecturer, Vanderbilt University Medical Center
2009 - Present	Medical Student Anesthesia Lectures, Lecturer, Vanderbilt University Medical Center
02/2010 - 02/2010	Magrath Laryngoscope Instruction, Lecturer, Cool Springs Surgery Center, Franklin, TN
05/2012 - 2012	CA1 Didactic Program: Benefits of different ventilatory techniques?, Lecturer, Vanderbilt University Medical Center
05/2012 - 05/2012	CA 1 Resident Didactics: Propofol and non anesthesia providers, Lecturer, Vanderbilt University Medical Center
06/2012 - 06/2012	CA 1 June Intro Program: Opioids: Pharmacology & Clinical Application in Anesthesiology, Lecturer, Vanderbilt University Medical Center
06/2012 - 06/2012	CA 1 Intro Program: Machine Ventilator Checkout, Lecturer, Vanderbilt University Medical Center
01/2013 - 01/2013	Basic electricity/gas monitoring, Faculty Lead, Vanderbilt University Medical Center
02/2013 - 02/2013	Traumatic Brain Injury, Faculty Lead, Vanderbilt University Medical Center
06/2013 - 06/2013	Core Conference Sessions: Opioids: The Good, Bad, and Ugly, Presenter, Vanderbilt University Medical Center, Introductory lecture on opioids.

Research Supervision / Mentorship

2010 - Present	Jason Lane, M.D., M.P.H. Vanderbilt University Medical Center, Current Position: Instructor in Anesthesiology. (Faculty, General Mentorship)
2010 - 2011	Brian Allen, M.D. Vandebilt University Medical Center, Current Position: Instructor in Clinical Anesthesiology. (Faculty, General Mentorship)

07/2011 - 06/2014	Loren Hemachandra, M.D., J.D. Vanderbilt University Medical Center, Current Position: Assistant Professor. (Faculty, General Mentorship)
10/2013 - Present	Michael Chi, M.D. Vanderbilt University Medical Center, Current Position: Resident. (Resident, General Mentorship)

Grants and Funding

VR1362 - Internal — Brian Allen, Brian Rothman (PI) — 12/2010 - 04/2011
VICTR Innovation grant
Head Mounted Display for Regional Anesthesia
Role: Co-Principal Investigator
Total Cost: $2,000.00

Honors / Awards

01/2010	Innovation Award Recipient, The Society For Technology in Anesthesia, Computers in Anesthesia Engineering Competition
01/2010	Clinical Application of Technology Award, The Society For Technology in Anesthesia

Publications

Peer Reviewed Publications

Research Articles

1. Brody AS, Molina PL, Klein JS, **Rothman BS**, Ramagopal M, Swartz DR. High-resolution computed tomography of the chest in children with cystic fibrosis: Support for use as an outcome surrogate. Pediatric Radiology 1999 Oct;29(10):731-735.
2. **Rothman B**, Sandberg WS, St Jacques P. Using information technology to improve quality in the OR. Anesthesiology Clinics 2011 Mar;29(1):29-55. PMID: 21295751.
3. St Jacques P, **Rothman B**. Enhancing point of care vigilance using computers. Anesthesiology Clinics 2011 Sep;29(3):505-19. PMID: 21871407.
4. Vigoda MM, **Rothman B**, Green JA. Shortcomings and challenges of information system adoption. Anesthesiology clinics 2011 Sep;29(3):397-412. PMID: 21871402.
5. Jason S. Lane, Warren S. Sandberg & Brian Rothman. Development and implementation of an integrated mobile situational awareness iPhone application VigiVUTM at an academic medical center. International Journal of Computer Assisted Radiology and Surgery 2012 Apr;online(April 6, 2012).
6. **Rothman B**, Leonard JC, Vigoda MM. Future of electronic health records: implications for decision support. The Mount Sinai Journal of Medicine, New York 2012 Nov;79(6):757-68. PMID: 23239213.
7. Epstein RH, Dexter F, **Rothman B**. Communication Latencies of Wireless Devices Suitable for Time-Critical Messaging to Anesthesia Providers. Anesthesia and Analgesia 2013 Apr;116(4):911-918. PMID: 23385056.
8. Tiwari V, Dexter F, **Rothman BS**, Ehrenfeld JM, Epstein RH. Explanation for the near-constant mean time remaining in surgical cases exceeding their estimated duration, necessary for appropriate display on electronic white boards. Anesth Analg 2013 Aug;117(2):487-493. PMID: 23780422.
9. **Rothman BS**, Dexter F, Epstein RH. Communication latencies of Apple push notification messages relevant for delivery of time-critical information to anesthesia providers. Anesth Analg 2013 Aug;117(2):398-404. PMID: 23757478.
10. Richard H Epstein, Paul St Jacques, Michael Stockin, Brian Rothman, Jesse M Ehrenfeld, Joshua C Denny. Automated identification of drug and food allergies entered using non-standard terminology. Journal of American Informatics Association 2013 Sep;20(5) PMID: 23748627 PMCID: PMC3756276.
11. Ehrenfeld JM, Dexter F, **Rothman BS**, Johnson AM, Epstein RH. Case cancellation rates measured by surgical service differ whether based on the number of cases or the number of minutes cancelled. Anesth Analg 2013 Sep;117(3):711-716. PMID: 23921653.
12. Ehrenfeld JM, Dexter F, **Rothman BS**, Minton BS, Johnson D, Sandberg WS, Epstein RH. Lack of utility of a decision support system to mitigate delays in admission from the operating room to the postanesthesia care unit. Anesthesia and analgesia 2013 Dec;117(6):1444-52. PMID: 24257394.

Non-Peer Reviewed Publications

Editorials

1. **Rothman, B**. Mobile Devices-The next generation of situational awareness technology in perioperative care. ASA Newsletter 2010 Apr.
2. Brian Rothman, MD. Cloud Computing: What is the 'Cloud?'. ASA Newsletter 2012 Aug;76(8):24-26.
3. Wanderer, JW, **Rothman, BS**, Pilla, MA. Implementation of the STOP-Bang Screening Tool within a Perioperative Information Management System. Society of Anesthesia & Sleep Medicine Newsletter 2014 Feb;3 (1):10-12.

Abstracts

1. Lane, Jason; **Rothman, B**rian; St. Jacques, Paul. Electronic tracking and reporting of anesthesiology postoperative visits using and iPad application. Anesthesia & Analgesia 2011 Aug;113(2S_Suppl)(Supplement 1):63-63.

Others

1. **Rothman, B**. VigiVU iPhone App Brings Patients To Doctors. 2010 Aug.
2. Boyer EJ. App craze hits hospitals as doctors go mobile with patient care. 2013 Mar.
3. David Lee Scher, Darryl W. Roberts, Brian Rothman, CJ Hameed, Tim Reardon, Kevin B. Lasser, Don Schoen, Timothy H. Dwight, Morgan Reed, Chuck Parker, Keith Boone, Jeff Brandt, Anita Fineberg, Mike Wisz, Dimitri Arges, Robert Jarrin, Judy Chan, Howard Rosen. mHIMSS Roadmap, Mobile Health Apps: A Practical Guide for Healthcare Stakeholders. 2013 Dec.
4. John Morrissey. Connecting clinicians and patients who are just 'a wall away'. 2014 Mar.

Book Chapters

1. **Rothman, B**. GI Endoscopy/EGD, Non-Operating Room Anesthesia. Essence of Anesthesia.
2. Berry J, **Rothman B**, Eisenkraft. Ventilation Monitors. Anesthesia Equipment: Principles & Applications. Editors: J. Philadelphia, Pennsylvania, United States: Elsevier; 2013 Mar;2nd Ed. 223-244. ISBN: 978-0-323-11237-6.
3. Brian S. Rothman. Monitoring in Acute Care Environments: Unique Aspects of Intensive Care Units, Operating Rooms, Recovery Rooms, and Telemetry Floors. Monitoring Technologies in Acute Care Environments. Editors: J. New York, New York, United States: Springer; 2014 Jan;13-22. ISBN: 978-1-4614-8556-8.

Presentations

Presentations at Scientific Meetings

1. Brian Rotman, James M Berry, Paul St. Jacques. Society for Technology in Anesthesia 18th Annual Meeting and 28th Computers in Anesthesia Meeting. Society for Technology in Anesthesia; San Diego, California. 2008 Jan; Predictive Call Point Allocation Utilizing an Electronic Tracking and Assignment System.
2. Brian Rothman, Nimesh Patel, Paul St. Jacques. Society for Technology in Anesthesia 18th Annual Meeting and 28th Computers in Anesthesia Meeting. Society for Technology in Anesthesia; San Diego, California. 2008 Jan; An Electronic Patient Information Display Can Replace Traditional Handwritten OR Whiteboards.
3. Brian Rothman, James M Berry. The Society For Technology in Anesthesia. The Society For Technology in Anesthesia; San Antonio, Texas. 2009 Jan; Integration Of Apple Computer Into Microsoft Enterprise Environment.
4. Brian Rothman, James M Berry,. The Society For Technology in Anesthesia. The Society For Technology in Anesthesia; San Antonio, Texas. 2009 Jan; Acoustic Apnea Detector.
5. Paul St. Jacques, Brian Rothman, Neal Sanders. Society for Technology in Anesthesia; San Antonio, Texas. 2009 Jan; Cross Service Analysis of the Surgical Apgar Score.
6. Rothman, B. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; New Orleans, Louisiana. 2009 Oct; From Kluge To "There's an app for that".
7. Paul St. Jacques, Brian Rothman, Neal Sanders, PQ Reynolds. American Society of Anesthesiologists. New Orleans, Louisiana. 2009 Oct; Cross Service Analysis of the Surgical Apgar Score.
8. Brian Rothman, MD. The Society For Technology in Anesthesia. STA; West Palm Beach, Florida. 2010 Jan; VigiVU- A Mobile PIMS Application For OR Situational Awareness.
9. Brian Rothman, Paul St. Jacques. The Society for Technology in Anesthesia. West Palm Beach, Florida. 2010 Jan; Using YTD Call Points and Annual Call Points for more Precise Monthly Call Assignments.
10. Brian Rothman, Ben Gotow, Nimesh Patel, Paul St. Jacques, Michael Higgins. Society for Technology in Anesthesia. West Palm Beach, Florida. 2010 Jan; Two Approaches to the Use of an IPhone as a Mobile PIMS

Device.

11. Brian Rothman, Neal Sanders, PQ Reynolds. Society for Technology in Anesthesia. West Palm Beach, Florida. 2010 Jan; Implementation of an Anesthesia Information Management System in an Ambulatory Care Setting.
12. Brian Rothman. Computing Workshop. ASA; San Diego, California. 2010 Oct; VigiVUTM Situational Awareness iPhone Application - Bringing Patients To Doctors (2nd Presentation).
13. Brian Rothman. ASA Computing Workshop. ASA; 2010 Oct 18; VigiVUTM Situational Awareness iPhone Application - Bringing Patients To Doctors.
14. Brian F S Allen, MD, Nimesh Patel, MS, Brian Rothman, MD. The Society for Technology in Anesthesia. STA; Las Vegas, Nevada. 2011 Jan; Nerve Block Assistant and Head Mounted Display for Regional Anesthesia.
15. J Lane, Brian Rothman, Paul St. Jacques. Society for Technology in Anesthesia. Las Vegas, Nevada. 2011 Jan; Electronic Tracking and Reporting of Anesthesiology Postoperative Visits Using an iPad Application.
16. Brian Rothman. Society for Technology in Anesthesia. Las Vegas, Nevada. 2011 Jan; Notification Incentive Program To Improve OR Efficiency and Patient Safety.
17. Loubna Bouarfa, MSc., David M.J. Tax, Ph.D., Jesse Ehrenfeld, M.D., M.P.H., Brian Rothman, M.D., Jenny Dankelman, Ph.D.. Society for Medical Innovation and Technology. Society for Medical Innovation and Technology; Tel Aviv, Israel. 2011 Sep 14; Predicting Post Anesthesia Care Unit Length of Stay.
18. C.R. Jacobi, BS; L. Hemachandra, MD; C.L. Baysinger, MD; B. Rothman, MD; J.M. Ehrenfeld, MD. SOAP 44th Annual Meeting. Society for Obstetric Anesthesia and Perinatology; Monterey, California. 2012 May 2; Utilization in the Obstetrics Suite: A Methodology to Determine the Need to Hold An OR for Emergent Cases.
19. Loren Hemachandra, MD; Koffi Kla, MD; Brian Rothman, MD; Jesse Ehrenfeld, MD, MPH; Warren Sandberg, MD, PhD. Anesthesiology 2012. American Society of Anesthesiologists; Washington, Dist. Of Col.. 2012 Oct 13; Analyzing the Need for Dedicated Trauma Rooms: A Data-Driven Modeling Approach.
20. Jesse M. Ehrenfeld, M.D., M.P.H.,Kelsey L. McCartney, M.B.A,Jason Denton, B.S.,Brian Rothman, M.D,Robert Peterfreund, M.D., Ph.D.. Anesthesiology 2012. American Society of Anesthesiologists; Washington, Dist. Of Col.. 2012 Oct 14; Impact of an Intraoperative Diabetes Notification System on Perioperative Outcomes.
21. Khensani Marolen, MPH; Shilo Anders, PhD; Brian Rothman, MD; Jesse Ehrenfeld, MD, MPH. Anesthesiology 2012. American Society of Anesthesiologists; Washington, Dist. Of Col.. 2012 Oct 16; Using a Clinical Information System to Examine Perceived Intraoperative Efficiency.
22. Brian S. Rothman, MD; Michael S. Higgins, MD, MPH. Association of University Anesthesiologists 60th Annual Meeting. Association of University Anesthesiologists; Miami, Florida. 2013 Apr 5; Comparison of Documented Anesthetic End Times and Claimed Extended Hours.
23. Richard H. Epstein, MD, Jesse M. Ehrenfeld, MD, MPH, Michael Stockin, MD, Paul St. Jacques, MD, Brian S. Rothman, MD, Joshua C. Denny, MD. AMIA 2013 Annual Symposium. American Medical Informatics Association; Washington, Dist. Of Col.. 2013 Nov 16; Automated Identification of Drug and Food Allergies Entered in EHRs using Non-Standard Terminology.

Medically Challenging Cases

1. Andrew D. Korzyniowsky, Brian Rothman. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; New Orleans, Louisiana. 2009 Oct; Intraoperative Management Of PCOM Aneurysm Rupture & MCA Thrombosis During Neuroembolization.
2. Schnepper, Gregory, MD; Rothman, Brian, MD. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; New Orleans, Louisiana. 2009 Oct; Management Of Airway For Patient With Massive Hemoptysis.
3. Dusty Watson MD, Brian Rothman MD. Anesthesiology 2011. American Society of Anesthesiologists; Chicago, Illinois. 2011 Oct 17; A Patients Fear of Intubation Leads to a Parathyroidectomy under MAC.
4. Stephanie Reed, Brian Rothman. Anesthesiology 2014. American Society of Anesthesiologists; San Francisco, California. 2013 Oct 14; Operative Management of Myocardial Ischemia in the Urgent Setting.

Panel Presentation

1. Brian Rothman. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; New Orleans, Louisiana. 2009 Oct; From Kluge To "There's an app for that" (2nd Presentation).
2. Brian Rothman, MD. AMC Security Conference. Chapel Hill, North Carolina. 2010 Jun; PHI on Mobile Devices.
3. The Society for Technology in Anesthesia. STA; Las Vegas, Nevada. 2011 Jan; Mobile Computing Platforms for Monitoring - Forms, Functions, and ROI.
4. American Association of Clinical Directors. Huntington Beach, Florida. 2011 Mar; Setting Up And Running A Successful Out Of OR Service.
5. Brian Rothman, MD. 22nd Annual POMS Conference. Production and Operation Management Society; Reno, Nevada. 2011 Apr 30; Mobile Device applications To Improve Operating Room Safety And Efficiency Through Transparency And Situational Awareness.
6. Brian Rothman, MD. Mayo Clinic Conference on Systems Engineering & Operations Research in Health Care. Production and operations Management Society and Society for Health Systems; Rochester, New York. 2011 Aug 11; Utilization in the Obstetrics Suite: Case Count Doesn t Count- Measuring Time at Capacity and

Acceptable Risk.

7. Brian Rothman, MD. Mayo Clinic Conference on Systems Engineering & Operations Research in Health Care. Production and operations Management Society and Society for Health Systems; Rochester, New York. 2011 Aug 11; Real-Time Automated Process Monitoring and Control and Clinical Workflow Prioritization with Augmented Vigilance Through Mobile Devices.
8. Brian Rothman, MD, Loubna Bouarfa, MSc, David Tax, PhD, Jesse M. Ehrenfeld, MD. Anesthesiology 2011. American Society of Anesthesiology; Chicago, Illinois. 2011 Oct 15; Predicting Post Anesthesia Care Unit Length of Stay.
9. Brian Rothman, MD. Anesthesiology 2011. American Society of Anesthesiology; Chicago, Illinois. 2011 Oct 17; The Future Of Communication.
10. Brian Rothman, MD. Anesthesiology 2011. American Society of Anesthesiology; Chicago, Illinois. 2011 Oct 18; Human Factors in IT Implementations.
11. Brian Rothman, MD. STA 2012 Annual Meeting. Society for Technology in Anesthesia; West Palm Beach, Florida. 2012 Jan 19; How to Decide what New Technologies are Needed that will Address the All-important triumvirate of patient safety, environmental sustainability and cost effectiveness.
12. Nashville PMI Agile CoP. Nashville PMI Agile CoP; Nashville, Tennessee. 2012 Jan 24; Agile from the Sponsor's Perspective.
13. Brian Rothman, MD. AACD 2012 Perioperative Leadership Summit. American Association of Clinical Directors; New Orleans, Louisiana. 2012 Mar 10; Redefinition and Consistent Application of Case Board Signaling Improves First Case On Time Starts.
14. Brian Rothman, MD. Annual Conference of the Production and Operations Management Society. Production and Operations Management Society; Chicago, Illinois. 2012 Apr 20; Perioperative Efficiency Through Consistent Case Board Signaling.
15. Brian Rothman, MD. IARS 2012 Annual Meeting. International Anesthesia Research Society; Boston, Massachusetts. 2012 May 21; Human Error in Anesthesiology - Is More Technology The Answer?.
16. Brian Rothman, MD. 2012 American Society of Anesthesiology. American Society of Anesthesiology; Washington, Dist. Of Col.. 2012 Oct 14; Medical Student Education in Evolution/Revolution.
17. Brian Rothman, MD, Brendan Wovchko. Professional Development Day. Project Management Institute - Nashville; Nashville, Tennessee. 2012 Dec 10; Agile Executive Panel Discussion.
18. Vikram Tiwari, Ph.D., Brian Rothman, MD. POM 2013 - Twenty Fourth Annual Conference. Production and Operations Management Society; Denver, Colorado. 2013 May 3; Key Marker Identification for Real-Time Updating of Surgical Case End Time.
19. Brian S. Rothman, MD. IARS 2013 Annual Meeting. International Anesthesia Research Society; San Diego, California. 2013 May 5; Monitoring Performance of Residents and Staff.
20. Brian Rothman, MD. 2nd INFORMS Conference on Healthcare, O.R., and analytics. Institute for Operations Research and the Management Sciences (INFORMS); Chicago, Illinois. 2013 Jun 25; Comparison Of Documented Anesthetic End Times And Claimed Extended Hours.
21. Neil Charness, MS, PhD,Bridget Moorman, MSBME, CCE,Brian S. Rothman, MD. AAMI/FDA Summit on Healthcare Technology in Nonclinical Settings. Association for the Advancement of Medical Instrumentation; Herndon, Virginia. 2013 Oct 10; TeleHealth at the Intersection of People and Technology.
22. Brian S. Rothman, MD. Anesthesiology 2013. American Society of Anesthesiologists; San Francisco, California. 2013 Oct 12; Tablet and Smartphone for Creation or Consumption of Content in Healthcare and Medical Education.
23. Jaideep Mehta, MD, Daniel Biggs, MD, Joshua Berris, MD, Eric Werner, MD. Anesthesiology 2013. American Society of Anesthesiologists; San Francisco, California. 2013 Oct 12; The definition, application, and potential impact of HITECH and Meaningful Use (MU) on Anesthesia Practices.
24. Brian S. Rothman. 2014 STA Annual Meeting. Society for Technology in Anesthesia; Orlando, Florida. 2014 Jan 18; Smart Trash - RFID as Recycling Green Technology.
25. Brian S. Rothman, Julian Goldman, Robert Jarrin, Anne Miller. 2014 STA Annual Meeting. Society for Technology in Anesthesia; Orlando, Florida. 2014 Jan 18; Interoperability and Safety.

Invited Presentation - Local

1. Brian F S Allen, MD, Nimesh Patel, MS, Brian Rothman, MD. Anesthesia Informatics Group. Vanderbilt University Medical Center; Nashville, Tennessee. 2011 Feb 8; Nerve Block Assistant and Head Mounted Display for Regional Anesthesia.

Invited Presentation - Regional

1. Brian Rothman, MD. 2013 Annual Meeting of the Tennessee Society of Anesthesiologists. Tennessee Society of Anesthesiologists; Nashville, Tennessee. 2013 Feb 9; HITECH/Meaningful Use Compliance Using Off-the-Shelf Solution.
2. Brian Rothman, MD. SUDAC 2013. The University of Texas Health Science Center at Houston; Houston, Texas. 2013 Apr 13; Academic Anesthesia Practices and HITECH/Meaningful Use.

Invited Presentation - National

1. Northwest Anesthesia Seminars. Nashville, Tennessee. 2010 May; Non-Operating Room Anesthesia.
2. Northwest Anesthesia Seminars. Nashville, Tennessee. 2010 May; Lidocaine - Novel Uses and Future Potential.
3. Northwest Anesthesia Seminars. Nashville, Tennessee. 2010 May; Deep Extubation.
4. Northwest Anesthesia Seminars; Branson, Missouri. 2010 Jul; Non-Operating Room Anesthesia.
5. Northwest Anesthesia Seminars; Branson, Missouri. 2010 Jul; Lidocaine - Novel Uses and Future Potential.
6. Northwest Anesthesia Seminars; Branson, Missouri. 2010 Jul; Deep Extubation.
7. Brian Rothman, MD. Electronic Media and Information Technology. American Society of Anesthesiologists; Chicago, Illinois. 2013 Mar 1; HITECH/Meaningful Use.
8. Brian S. Rothman. 2014 STA Annual Meeting. Society for Technology in Anesthesia; Orlando, Florida. 2014 Jan 15; HITECH / Meaningful Use - A Brief History and What It Means For Vendors.

Invited Presentation - International

1. Society for Medical Innovation and Technology. Society for Medical Innovation and Technology; Trondheim, Norway. 2010 Sep; The Future Of Operating Room Situational Awareness With A Mobile Device Application.
2. Brian Rothman, M.D., Warren Sandberg M.D., Ph.D.. mHealth Summit. HIMSS; Washington, Dist. Of Col.. 2011 Dec 6; Being Four Places at Once - Mobile Device Situational Awareness.
3. Brian Rothman, M.D., Warren Sandberg M.D., Ph.D.. HIMSS 2012. HIMSS; Las Vegas, Nevada. 2012 Feb 23; Being Four Places at Once - Mobile Device Situational Awareness¿.
4. Brian S. Rothman. 2013 mHealth Summit. Healthcare Information and Management Systems Society; Washington, Dist. Of Col.. 2014 Dec 10; TeleHealth and Remote Patient Monitoring - 2014 mHIMSS Roadmap.

Podcasts / Webinar

1. Smith Seckman Reid, Inc; Nashville, Tennessee. 2010 Jun; Healthcare Technology Roundtable, Participant.
2. Brian Rothman. Mac Communities; Nashville, Tennessee. 2010 Sep; VigiVUTM- Situational Awareness iPhone Application - Bringing Patients To Doctors.
3. Smith Seckman Reid, Inc; Nashville, Tennessee. 2010 Sep; Mobile Healthcare Technology Summit 2010 Emerging Technologies and Clinical Applications, Participant.
4. Brian S. Rothman, MD. mHealth's Impact: The Most Rapid Transformation in Healthcare Today. Healthcare Information and Management Systems Society; 2013 May 22; Core Concepts Of Care Delivery With Mobile Devices.

Workshop

1. Brian Rothman, MD. Anesthesiology 2011. American Society of Anesthesiology; Chicago, Illinois. 2011 Oct 16; iCloud (x6).
2. Brian Rothman, MD. 2012 American Society of Anesthesiology. American Society of Anesthesiology; Washington, Dist. Of Col.. 2012 Oct 14; Mobile Technology.
3. Brian Rothman, MD. 2012 American Society of Anesthesiology. American Society of Anesthesiology; Washington, Dist. Of Col.. 2012 Oct 14; Cloud Computing.
4. Brian Rothman, MD. STA 2013 Annual Meeting. Society For Technology in Anesthesia; Scottsdale, Arizona. 2013 Jan 11; Mobile Applications Workshop.
5. Brian S. Rothman, MD. Anesthesiology 2013. American Society of Anesthesiologists; San Francisco, California. 2013 Oct 13; HITECH / Meaningful Use A Brief History and Potential Impacts.

External Grand Rounds

1. Brian S. Rothman. Grand Rounds. Baylor College of Medicine; Houston, Texas. 2013 Jul 24; HITECH / Meaningful Use and Anesthesiology.
2. Brian S. Rothman. Grand Rounds. UT Health - The University of Texas; Houston, Texas. 2013 Jul 25; Academic Anesthesia Practices & HITECH/Meaningful Use.

Visiting Professor

1. Brian Rothman, MD. West Virginia University; Morgantown, West Virginia. 2012 Jun 13; Technological Facilitation of Communication.

University Talk

1. Brian Rothman, MD. All Staff Meeting. Vanderbilt University Medical Center; Nashville, Tennessee. 2011 Nov 16; New Developments in Perioperative Informatics.
2. Brian Rothman, MD. Vanderbilt University Medical Center; Nashville, Tennessee. 2012 Jan 9; Mobile Applications in the Perioperative Environment.

Problem based learning discussion

1. Brian Rothman, MD. Annual Conference of the Production and Operations Management Society. Production and Operations Management Society; Chicago, Illinois. 2012 Apr 19; Technology Enhancements in OR for Managing Flow and Capacity in Real-Time.
2. Brian Rothman, MD. POM 2013 - Twenty Fourth Annual Conference. Production and Operations Management Society; Denver, Colorado. 2013 May 2; Decision Making and Information Availability.