

Work Experience

	Johns Hopkins University <i>Assistant Professor, Anesthesia and Critical Care Medicine</i> (01/12 – present)	Baltimore, MD
	Children's Hospital, Boston <i>Clinical Instructor in Anesthesia</i> (11/09 – 11/11)	Boston, MA

Post-Doctoral Training

Fellowship:	Children's Hospital, Boston <i>Pediatric Anesthesiology</i> Chief Fellow (9/10 - 11/09)	Boston, MA
Residency:	Brigham and Women's Hospital <i>Anesthesiology</i> (7/05 - 6/08)	Boston, MA
Internship:	New-York Presbyterian Hospital/ Weil-Cornell Medical Center <i>General Surgery</i> (7/04 - 6/05)	New York, NY

Education

Public Health:	Harvard School of Public Health <i>Master of Public Health (candidate)</i> (6/09 – 6/13)	Boston, MA
Medical:	University of Vermont College of Medicine <i>Doctorate of Medicine</i> (8/00 - 6/04)	Burlington, VT
Undergraduate:	Bowdoin College <i>Bachelor's in Arts- Chemistry with a minor in Asian Studies</i> (8/93 - 5/97)	Brunswick, ME

Board Certification and Medical Licensure

Certification:	Board Certified in Anesthesiology, American Board of Anesthesiology Advanced Cardiac and Life Support Pediatric Advanced Life Support
State Licensure:	State of Maryland, active State of Massachusetts, active

Publications**Peer Reviewed Publications**

Rosen MA, Lee BH, Sampson JB, **Koka R**, Chima AM, Ogbuagu OU, Marx MK, Kamara TB, Koroma M, Jackson EV Jr. Failure mode and effects analysis applied to the maintenance and repair of anesthetic equipment in an austere medical environment. *Int J Qual Health Care*. 2014 May 15

Rosen MA, Sampson JB, Jackson EV Jr, **Koka R**, Chima AM, Ogbuagu OU, Marx MK, Koroma M, Lee BH. Failure mode and effects analysis of the universal anaesthesia machine in two tertiary care hospitals in Sierra Leone. *Br J Anaesth*. 2014 May 15.

Koka R, Hadlock, T. *Quantification of functional recovery following rat sciatic nerve transection*. *Journal of Experimental Neurology*, 2001 March; 168(1): 192-5.

Fauza D., Marler, J, **Koka R**, Forse, J, Mayer, J, Vacanti, J., *Fetal Tissue Engineering: Diaphragmatic Replacement*. *Journal of Pediatric Surgery*, January 2001; 36 (1): 146-51.

Marler, J, Guha, A, Rowley, J, **Koka R**, Bonassar, L, Mooney, D, Upton, J, Vacanti, J. *Soft Tissue Augmentation with Injectable Alginate and Syngeneic Fibroblasts*, *Journal of Plastic and Reconstructive Surgery*, May 2000; 105(6): 2049-58.

Kaihara S, Borenstein J, **Koka R**, Lalan S, Ochoa E, Ravens M, Pien H, Cunningham B, Vacanti JP. *Silicon micromachining to tissue engineer branched vascular channels for liver fabrication*, *Journal of Tissue Engineering*, April 2000; 6(2): 105-17.

Hadlock T, Sundback C, **Koka R**, Hunter D, Cheney M, Vacanti J. *A Novel Polymer Conduit Delivers Neurotrophins and Promotes Nerve Regeneration*, *Laryngoscope*, September 1999; 109 (9): 1412-16.

Hadlock, T, **Koka R**, Vacanti J, Cheney, M. *A Comparison of Assessments of Functional Recovery in the Rat*, *Journal of the Peripheral Nervous System*, May, 1999; 4(3-4): 258-64.

Non-peer Reviewed Scientific of Medical Publications

Koka R. *Pediatric Anesthesia*, UpToDate. (in print). Web.

Koka R, Segal, B. *Airway Assessment*, *Essential Clinical Anesthesia*, Editor: Sikka, Pankaj K., Vacanti, Charles A. 2010. (textbook chapter)

Koka R, Segal, B. *Management of Postoperative Pain in Children*, *Essential Clinical Anesthesia*, Editor: Sikka, Pankaj K., Vacanti, Charles A. 2010. (textbook chapter)

Koka R, Philip, J. *Understanding Anesthesia Equipment 5th edition*, *Anesthesia & Analgesia*; 107(6): 2098 December 2008. (book review)

Presentations

Abstracts and Poster Presentations

Koka R, Rockoff, M. *Use of a "Start Cart" to Improve Efficacy and Safety of IV Catheter Placement* ASA, 2011. (abstract and poster)

Koka R, Mancuso, T., McCann, M. *Anesthetic Management of a Child with Hereditary Xerocytosis* SPA/AAP Pediatric Anesthesiology, 2010. (abstract and poster)

Koka R, Kovatsis, P. *Analysis of the Pre-induction Checkout of the Anesthesia Machine for Quality Assurance Before and After Implementation of a Feedback System* SPA/AAP Pediatric Anesthesiology, 2009. (abstract and poster)