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Satya Krishna Ramachandran, M.D., is Associate Professor of Anesthesia at Harvard Medical School and Vice Chair of Quality, Safety, and Innovation in the Department of Anesthesiology at Beth Israel Deaconess Medical Center in Boston.

Dr. Ramachandran is a nationally recognized leader in patient safety and perioperative quality. In his current role as the Vice-Chair of Anesthesiology, he has developed several programs, including a unique quality tool that connects clinician medication management behaviors with patient and efficiency outcomes. He also led anesthesia clinical change management and surveillance of safety in response to the shortage of intravenous opioids. Through this work, his group has developed very detailed measures of clinical behaviors and outcomes.

Dr. Ramachandran began his career in anesthesia in Pondicherry, India, and developed it further as a specialist registrar in the Oxford Deanery in England. After a successful decade leading quality and safety initiatives at the University of Michigan, he moved to Harvard and Beth Israel Deaconess Medical Center in 2016. He is Program Director for the International Postgraduate Anesthesia Fellowship in Perioperative Quality and Safety and a faculty member on the Master of HealthCare Quality and Safety program at Harvard Medical School. In addition, he is a busy clinician, educator, and researcher.

Dr. Ramachandran serves on the editorial board of prestigious journals and has published over 60 peer-reviewed studies in top anesthesiology journals, primarily around perioperative cardiorespiratory outcomes. Most recently he co-authored a study looking at the relationship between reducing neostigmine syringe size to 3 mL from the standard 5-mL vial and perioperative respiratory failure rates.