



NICOLE R. GUINN, MD, MBA

Originally from Anchorage, Alaska, Dr. Guinn attended Mount Sinai School of Medicine in New York, NY, where she graduated with AOA honors. She then completed her anesthesiology residency and fellowship in cardiothoracic anesthesia at Duke University Medical Center, staying on as faculty after completing her training. Dr. Guinn served as the Medical Director of the Center for Blood Conservation at Duke University Medical Center from 2013-2022, working with patients who decline transfusion to receive safe care and improved outcomes, and developing an institutional Preoperative Anemia Clinic to diagnose and treat anemia in operative patients at risk for transfusion.

She is known nationally for her expertise in management of patients “When Blood is Not an Option” and for preoperative optimization of anemia in surgical patients and is the current Chair for the ASA Committee on Patient Blood Management. Dr. Guinn is also involved with the American Board of Anesthesiology, serving as an OSCE Committee member and APPLIED examiner for board certification in the anesthesiology. She is the current Interim Division Chief of neuro-anesthesiology, otolaryngology and offsite anesthesia at Duke University.

