

Target Audience

- Anesthesiologists
- Clinicians
- Nurses
- Quality Improvement Staff
- Researchers
- Technical Staff

Speakers / Planning Committee:

- Meridith Bailey, MSN, RN
- Kathryn Buehler, MS, RN
- Douglas Colquhoun, MB, ChB, MSc, MPH
- Allison Janda, MD
- Sachin Kheterpal, MD, MBA
- Victoria Lacca, MBA
- Michael Mathis, MD
- Ronnie Riggat
- Nirav Shah, MD
- Shelley Vaughn, MPH

Topics planned for the CME activity do not relate to products or services (e.g., drugs or medical devices used on or by patients) of an ACCME an ACCME-defined commercial interest. Therefore, the planners and speakers have no relevant financial relationships to disclose.

MPOG consists of approximately >65 sites from across the nation. The MPOG Retreat is an opportunity for our members to meet in person to learn new research and quality improvement techniques as well as to network and share best practices with one another. The mission of the MPOG Retreat is to plan, conduct, & evaluate educational activities with emphasis on evidence-based clinical and research topics in the field of anesthesiology. These activities are targeted to healthcare professionals to foster professional development and enhance the provision of patient care. The expected results are to articulate & demonstrate the current state & best practices for the implementation of machine learning technologies in the perioperative period, describe & summarize the relevance & impact of current MPOG research projects, delineate & summarize the role of measurement of patient reported outcomes, identify & analyze opportunities for participation in ongoing quality projects.

Learning Objectives

After this meeting, participants will understand and be able to implement into daily practice:

- Learn how MPOG data integration modifications impact practice transformation
- Understand the differences between light and deep anesthesia
- Respond promptly to signs of inappropriate anesthetic depth
- Be able to determine whether a patient should receive inhaled vs. total intravenous anesthesia (TIVA)
- Be able to describe recent research performed within the MPOG Collaborative
- Understand the gaps in knowledge when reconstitution after surgery
- Understand how medical devices using closed-loop controls deliver anesthesia care for patient safety
- Identify practice patterns that providers can change to limit the carbon footprint and reduce environmental waste
- Compare patterns of performance in process of care and outcome measures between participating institutions

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