

Acute Kidney Injury (AKI) Sub-Committee

Committee Charge

The mission of the SCA AKI Sub-Committee is to discuss topics and solutions related to Acute Kidney Injury (AKI) and provide evidence-based practice advisory for our members to promote the excellent perioperative care for patients undergoing cardiothoracic and vascular surgeries.

2024-25 Benchmarks

(Action items for upcoming year)

1. Identify gaps between clinical practice and major clinical trial findings/guidelines and develop strategies to improve the adoption of such guidelines, either in academic institutions or private practice (a follow-up project from society's latest practice guideline publication). May develop a survey study to understand the gaps of care.
2. Improve society members' understanding of the mechanistic pathway underlying cardiovascular surgery-associated AKI based on sound high-quality research studies. Review current ongoing clinical trials focusing on different mechanistic pathways. Publish a focused review article.
3. Investigate the role of artificial intelligence in future cardiovascular surgery-associated AKI research.
4. Identify the role of genetic/personalized medicine in cardiovascular surgery-associated AKI research.
5. Develop a network between basic scientists, clinicians, and Bioinformatics experts to advance AKI research.

2024-25 Committee Members

Yafen Liang, MD - Chair

Wanda M. Popescu, MD – Parent Committee Chair

Michael Grant, MD – Parent Committee Vice Chair

Andrew Shaw, MD – Board Liaison

Meena Bhatia, MD

Chris Cassara, MD

Richa Dhawan, MD

Lee Goeddel, MD

Reney Henderson, MD

Antonio Hernandez, MD

Jonathan Kay, MD

Alessia Pedoto, MD, FASA

Loren Smith, MD, PhD

Christopher Tam, MD

Jessica Zvara, MD