

Blood Management Committee

Committee Charge

The mission of the SCA Blood Management Sub-Committee is to enhance the care of cardiothoracic and vascular surgical patients by creating recommendations for safe and effective patient-centered blood management and blood conservation practices, and to disseminate such recommendations, via education and communication.

The goals of the SCA Blood Management Sub-Committee are to help, educate and guide perioperative cardiothoracic and vascular anesthesia/anesthesiologist physicians and other practitioners who care for cardiothoracic and vascular surgical patients by implementing established recommendations and guidelines in patient blood management.

Summarize and distill existing guidelines and recommendations.

Create easy to follow/understand clinical practice advisories with key points for practitioners to follow. Identify metrics to measure improvements in blood conservation strategies.

Identify gaps in knowledge and adoption of such clinical practice advisories, to disseminate these data and develop tools to overcome barriers in implementation of such recommendations.

2024-25 Benchmarks

(Action items for upcoming year)

1. Educate clinicians and other practitioners and help implementing best clinical practices via the development of a Clinical Practice Advisory for Cardiac Surgical Patients that Use Direct Oral Anticoagulants (DOACs) and Present for Urgent Surgery.
 - a) Perform systematic review informing a focused practice advisory on the use of direct oral anticoagulants and need for urgent or emergent cardiac surgery.
 - b) Systematic Review is in process currently after working with informationist at Johns Hopkins School of Medicine.
2. Educate clinicians and other practitioners and help implementing best clinical practices via creation of a Clinical Practice Guideline for Preoperative Anemia Management and Return on Investment of Preoperative Anemia Programs.
3. Receive endorsement and support from other organizations such as SABM, ERACS and potentially ASA.
4. Publication of 3rd manuscript in Preoperative Anemia.
5. Create new SCA survey of Patient Blood Management Guidelines.

6. Educate clinicians and other practitioners and help implementing best clinical practices via the development of a Clinical Practice Advisory for Surgical Patients that Use Dual Anti Platelet Medications and Require Cardiac or Thoracic Surgery.
7. Starting discussion with the ASA PBM committee about revising AQI 49 and including the diagnosis and preoperative evaluation for anemia as a quality benchmark.
8. Educate clinicians and other practitioners and help implementing best clinical practices via the development of a Clinical Practice Advisory on Management of Anticoagulation in Patients on Extracorporeal Circulatory Support who Develop HIT.
9. Educate clinicians and other practitioners by recording podcasts for SCA University:
 - a) Acute Normovolemic Hemodilution
 - b) Factors Concentrates
 - c) Viscoelastic Testing Algorithms to Improve How to Best Treat Patients After Bypass
10. Explore opportunity for funding in establishing a PBM program at their institution, possibly via grant funding from SABM.

2024-25 Committee Members

Jacob Raphael, MD - Chair

Nadia Hensley, MD – Vice Chair

Wanda M. Popescu, MD – Parent Committee Chair

Michael Grant, MD – Parent Committee Vice Chair

Linda Shore-Lesserson, MD – Board Liaison

Mohammed Abdalla, MD

Ezeldeen Abuelkasem, MD

Daniel Bolliger, MD

David Carroll, DO

Michael Eaton, MD

David Faraoni, MD

Caroline Hunter, MD

Natalia Ivascu Girardi, MD

Ravi V. Joshi, MD

Worasak Keeyapaj, MD

Jenny Kwak, MD

Olga Rozental, MD

Anirban Sahu, MD

Jacob Schaff, MD

Adam Seibert, MD

Elena A. Swan, MD

Patrick A. Upchurch, MD

Kelly Ural, MD