

SCA-STS Database Sub-Committee

Committee Charge

The mission of the SCA-STS Database Sub-Committee is to facilitate SCA's relationship/partnership with the (STS) and the STS Cardiac Surgery Databases (Adult Cardiac, General Thoracic, Congenital Heart, and Intermacs) to enhance Quality Improvement, Safety and the Value of cardio-thoracic anesthesiology/surgery in the perioperative arena.

The goals of the SCA-STS Database Sub-Committee are to foster the SCA partnership with STS through facilitating the contractual relationship between the SCA and the STS relative to the Adult Cardiac Anesthesiology Section of the STS ACSD.

Initiate education and initiatives in areas of cardio-thoracic anesthesiology/surgery related to outcomes, trends in anesthesiology/surgery and intraoperative management, database-related development in quality measurement and performance improvement for STS Database participants, SCA members.

Provide input to the SCA Scientific Program Committee for related content for the annual meeting.

Oversee the process of recruiting new participating centers in the STS ACSD Anesthesiology Section.

Maintain collaboration with current participating centers to address any related questions about the individual data elements, the collection process, and reports.

Review existing variables and proposing new variables for inclusion in the STS Cardiac Surgery Databases (Adult Cardiac, General Thoracic, Congenital Heart, and Intermacs).

Facilitate the proposal and conduct of research studies and quality improvement initiatives based on the STS Cardiac Surgery Databases (Adult Cardiac, General Thoracic, Congenital Heart, and Intermacs).

2025-26 Benchmarks

(Action items for upcoming year)

1. Continue to facilitate research and quality improved initiatives based on the STS Cardiac Surgery Databases through the Participant User File (PUF) Program
 - a. Monitor and present progress of 2023 and 2024 PUF projects
 - b. Selection of 2025 PUF projects
 - c. Solicit and select 2026 PUF projects via email advertisement and open virtual office hours
2. Recommend a session highlighting prior PUF projects to the SCA Scientific Program Committee for the SCA Annual Meeting 2026
3. Continue to engage with STS to build a quality dashboard utilizing data from the Adult Cardiac Anesthesiology section of the STS Cardiac Surgery Database
4. Recruit new participating centers in the STS ACSD Anesthesiology Section

5. Continue with generation of scholarly articles relevant to SCA members about the STS ACSD and ACA
6. Continue to work with parent committee (QSV) and CPI to explore ways in which STS data may be useful to generate practice recommendations for the SCA community

2025-26 Committee Members

Vikram Fielding-Singh, MD - Chair

Harikesh Subramanian, MD – Vice Chair

Miklos D. Kertai, MD – Parent Committee Chair

Lida Shaygan, MD – Parent Committee Vice Chair

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