WELCOME TO THE NEXT GENERATION STS NATIONAL DATABASE

Beginning in January 2020, a major transformation will take place to the STS National Database and three of its component databases – the ACSD, the GTSD, and the CHSD.

The Society of Thoracic Surgeons has partnered with IQVIA as the next generation data warehouse. IQVIA is a leading global provider of real-world technology solutions. Surgeons and data managers have been actively working with the STS and IQVIA to develop enhanced data collection and reporting tools that will make it easier to visualize and interact with your data.

GENERAL INFORMATION

1. WHO IS IQVIA?

IQVIA uses Human Data Science — the integration of data science, technology, and human science — to help customers address both current needs and future opportunities. But to get there, to make Human Data Science work, for you, you need a seamless integration of unparalleled data, advanced analytics, transformative technology, and deep domain expertise.

For more information, go to https://www.iqvia.com/.

2. WHY IS A NEW DATABASE BEING RELEASED?

The next generational national database will:

- Be available 24/7 for data submission and report access
- Support continuous collection of data
- Provide feedback on missing data and errors identified in the submissions
- Enable real time insights into the data that is submitted

3. WILL DUKE CLINICAL RESEARCH INSTITUTE (DCRI) STILL PROVIDE ANALYSIS ON DATASETS?

Yes. DCRI will complete analysis on harvested data. DCRI will send IQVIA the analyzed data sets for inclusion in reports in a future release.

FUNCTIONALITY AND TIMING

1. WHEN IS GO-LIVE FOR PHASE I?

The ACSD will be deployed in the coming days and will include the following key functions: Uploader, Data Quality Report, Missing Variable Report, and Participant Dashboards. The GTSD will be deployed shortly after the ACSD and CHSD will be deployed in February.

2. FUTURE PHASES

Additional functionality will be implemented across several phases during the project roll-out. STS and IQVIA will share more information as the additional functionality is enabled within the platform. Current scope for Phase II and Phase III include:

**Phase II**

- ACSD
- DCRI Integration/Bi-directional data exchange
- Enhanced Dashboard Reporting
- Analytic Reports
Phase III

- GTSD and CHSD
- DCRI Integration Reports
- Audit Reports
- Custom Reports
- Direct Data Entry
- ACSD 4.20 Version Upgrade

3. WHY WAS THE RELEASE OF THE DATABASES STAGGERED

There is significant complexity associated with defining the next generation platform due to the scale and history of the legacy system. Significant time and effort was allocated to ensuring there was a common understanding of the historical data, vendor files/structure, and reporting requirements.

IQVIA and STS determined that the best approach for the rollout was to phase the implementation starting with a beta test for each registry to address any feedback points before rolling the system out to all participants. Additional time was required in the schedule for development and to support the beta.

4. WILL THERE BE ANY ISSUES IN THE DATABASE WHEN IT IS RELEASED

Yes. There will be feedback points and defects that will need to be addressed post launch. STS and IQVIA will triage all feedback received from Data Managers and surgeons and address high priority items as quickly as possible. Fixes will be implemented through patch deployments.

5. HOW WILL THE DCRI BIDIRECTIONAL INTERFACE WORK

IQVIA will share harvested data with DCRI. DCRI will complete the analysis on the data per the normal harvest process and the analytic data sets will then be integrated with the IQVIA database platform.

IQVIA will display the data in reports that are defined by STS and IQVIA. Initial reports will continue to be augmented as feedback is received by Data Managers and participating surgeons.

SUPPORT AND TRAINING

1. HOW DO I GET TRAINING?

Training will occur via recorded videos and users will have access to product documentation. The How-To videos will be available on the STS website [https://www.sts.org/registries-research-center/sts-national-database/data-manager-education].

How-To videos will be available for each report and product guides will be accessed through the Library menu option in the STS Database.

2. WHO DO I CONTACT FOR SUPPORT OR QUESTIONS?

Questions regarding the Database Operations, including, Billing, Participation, Contract and Contract Updates can be submitted to STS at STSDB@sts.org.

Feedback can be submitted to STS on the new STS National Database platform, its functionality, and user experience during the transition to IQVIA via the feedback form: https://www.sts.org/form/national-database-feedback.

Support of the IQVIA Registry Database will be addressed by IQVIA via either email or phone:
- STSTechsupport@iqvia.com
3. HOW CAN I LEARN MORE?

- Participate in upcoming STS Webinars via https://www.sts.org/registries-research-center/sts-national-database/sts-national-database-webinars
- Visit the STS National Database Transition Page under Important Resources via https://www.sts.org/registries-research-center/sts-national-database
- Visit https://www.STS.org