Society of Thoracic Surgeons

Congenital Heart Surgery Database
Monthly Webinar
May 17, 2022
CHSD Monthly Webinar

• Welcome and Introductions
• STS Update
• STS Education (Chasity Wellnitz, CHSD Consultant)
• IQVIA Update
• User Feedback
  • Include Ticket Number/Case Number
STS Updates

- May Training Manual posted

- 2021 Harvest Analysis Update
  - Analysis results expected to be available early Summer (prior to Spring 2022 Harvest Close)
  - Official STS Notification to be sent when available

- Spring 2022 Harvest Update
  - Harvest Close: Tentatively scheduled for mid-July
  - More info will be shared with Participants once we have final timeline on release of Fall 2021 analysis reports
  - Opt out: TBD

- 2022 Advances in Quality & Outcomes: A Data Managers Meeting
  - Providence, Rhode Island October 26 -28
  - Hybrid Meeting (will offer both in person and virtual options)
  - AQO Abstract Submission opening May/June
Chasity Wellnitz
CHSD Consultant/Core Group
Phoenix Children’s Hospital
Webinar Discussion Topics

- Harvest Clarifications
  - Timeline
  - STAT scores
  - Combination procedures
  - Appendix C

- Version Upgrade
Harvest Clarifications
Harvest Timeline

1. Fall 2021 Harvest
   - Data Submitted: July 1, 2017 – June 30, 2021
   - Analysis Report: TBD
   - Harvest Close: Dec 2021

2. Spring 2022 Harvest
   - Awaiting Harvest Close: Jan 1, 2018 – Dec 31, 2021
   - Analysis Report: TBD
   - Harvest Close: Mid-July

3. Fall 2022 Harvest
   - In Progress: July 1, 2018 – Jun 30, 2022
   - Analysis Report: TBD
   - Harvest Close: 09/16/22

   Winter 2022
   - Surgery Dates: July 1, 2018 – Jun 30, 2022
   - Analysis Report: Winter 2022
Fall 2021 Harvest Analysis

**STAT Mortality Scores**
- Previous STAT scores prior to update
- Appendix C - white colored columns
- Listed on STS website / CHSD / Data Collection / Version 3.41 / Additional resources

**Combination Procedures**
- Existing combination procedures
- Listed on STS website / CHSD Data Collection / Version 3.41 / Additional Resources

Spring 2022 Harvest Analysis

**STAT Mortality Scores**
- Updated STAT Scores
- Appendix C – orange colored harvest codes; yellow columns
- Listed on STS website: CHSD Data Collection / Version 3.41 / Additional Resources

**Combination Procedures**
- New combination procedures will be employed at the analysis level
- Appendix C – blue colored harvest codes; yellow columns
- Not available in vendor software
## Fall 2022 Harvest Analysis

<table>
<thead>
<tr>
<th>STAT Mortality Scores</th>
<th>Combination Procedures</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Updated STAT Scores</td>
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</table>
Appendix C Updates
Appendix C Updates Continued

Both Excel and pdf versions available
Appendix C Updates

Procedure codes by color:

- **ORANGE** – currently existing procedures in the CHSD; will be analyzed with their new STAT score in Spring 2022 harvest

- **BLUE** – new combination terms not available until 6.23; will be incorporated at the analysis level in Spring 2022 harvest

- **GREEN** – new 6.23 procedures; not available until 6.23

New updates employed & posted May 2022
White columns denote previous STAT Mortality Score Category; procedures will be analyzed with in Fall 2021 harvest
Orange cells denote procedure will be analyzed with NEW STAT score in Spring 2022 analysis.

Yellow columns denote updated STAT Mortality Score Category; procedures will be analyzed with in Spring 2022 harvest.
Green cells denote new procedure codes for version 6.23. Once available, will be analyzed with new STAT scores.
Appendix C Updates Continued

*Blue cells denote new combination procedure codes*

**Important Notes:**
- Not available to use until 6.23 go live
- However, will be utilized in Spring 2022 harvest for 4-year analytic window
**Scenario:**
On 12/01/20 patient underwent primary closure of a secundum ASD and patch closure of a perimembraneous VSD.

**Procedures Coded:**
1. (110) VSD repair, Patch
2. (20) ASD repair, Primary closure

↓

IQVIA submission

↓

Fall 2021 Harvest

Analyzed as 2 separate procedures

VSD repair is the primary procedure

STAT category/score: 0.2 / 1
Scenario:
On 12/01/20 patient underwent primary closure of a secundum ASD and patch closure of a perimembranous VSD.

Procedures Coded (unchanged):
1. (110) VSD repair, Patch
2. (20) ASD repair, Primary closure
   ↓
   IQVIA submission (unchanged)
   ↓
   Spring 2022 Harvest
   Analyzed as 1 combination procedure
   (5001) VSD repair, Patch + ASD repair, Primary closure (110 + 20)
   STAT Score/Category: 0.2 / 1
**Scenario:**
On 01/21/23 patient underwent primary closure of a secundum ASD and patch closure of a perimembranous VSD.

**Procedures Coded:**
1. (5001) (110+ 20) VSD repair, Patch + ASD repair, Primary closure
   ↓
   IQVIA submission
   ↓
   **Fall 2023 Harvest**
   Analyzed as 1 combination procedure
   (5001) VSD repair, Patch + ASD repair, Primary closure (110 + 20)
   STAT Score/Category: 0.2 / 1
Analysis / Harvest Reminders

• Cannot code 6.23 procedures until version go live
• Can only code 6.23 procedures for surgical dates on version go live date forward
• There will be a mismatch in coded vs. analyzed data with the inclusion of the combination procedures at the analytic level
IQVIA Update
Joe Brower
Missing Variable Report and Harvest Summary Report

**STS-8311** – The MT365STAT variable is currently reporting a limited set of records as missing.

The reports are currently reporting records that have had any updates via an upload submission. If records did not have submission updates after the 1-year criteria was met, they are currently not appearing on the reports.

The IQVIA development team is actively working on a solution and the release timing to production.
Primary Procedure Report

**STS-8289** – The Procedure code 1772, Conduit Placement, Other will be updated to remove the STAT score assignment since it was deemed Not Eligible for assignment.

**STS-8301** – The Primary Procedure report is incorrectly indicating that code 600 (Valve replacement, Pulmonic (PVR) should be the primary procedure when there is another code with a higher STAT score available on the selected code list. The IQVIA development team is actively working on a solution and the release timing to production.
Please note: Submitted tickets are currently under review and the IQVIA support team will follow up on resolution and/or target release confirmation.

The IQVIA Team is currently reviewing items that will be released in an upcoming release. Those items will be posted to the Notifications section.
Analysis Report Questions

• Please contact IQVIA Support
  • chsdtechsupport@iqvia.com

• STS/DCRI will be looped in as needed when tickets are escalated to Tier 2
Contact Information

Leigh Ann Jones, STS
National Database Manager, Congenital and General Thoracic

• Ljones@sts.org
• 312-202-5822

Database Operational Questions

• STSDB@sts.org
Upcoming CHSD Webinars

User Group Call

• June 7 @ 12pm CT

Monthly Webinar

• June 21 @ 12pm CT
Open Discussion

Please use the Q&A Function.

We will answer as many questions as possible.

We encourage your feedback and want to hear from you!
THANK YOU FOR JOINING!