



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





Education

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

Data Submitted

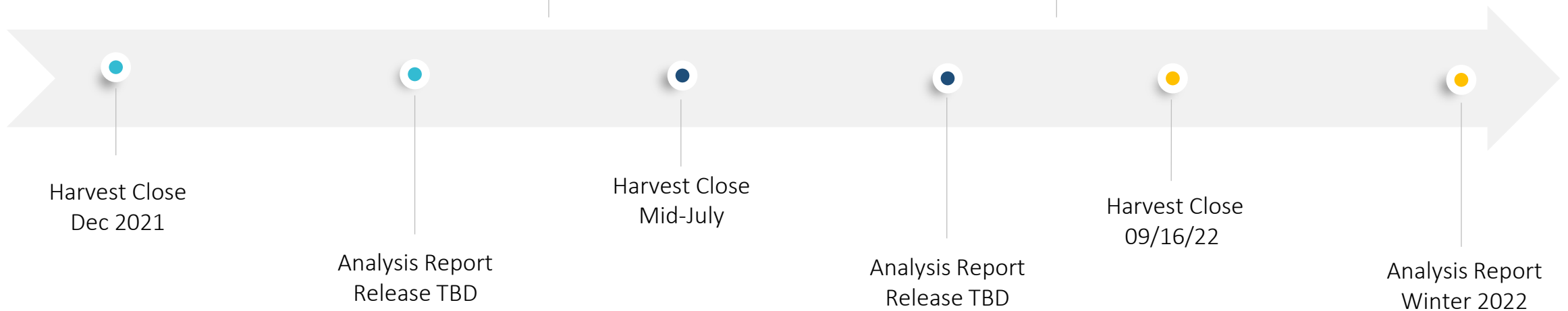
Surgery Dates:
July 1, 2017 – June 30, 2021

Awaiting Harvest Close

Surgery Dates:
Jan 1, 2018 – Dec 31, 2021

In Progress

Surgery Dates:
July 1, 2018 – Jun 30, 2022



1. Fall 2021 Harvest

2. Spring 2022 Harvest

3. Fall 2022 Harvest

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

https://www.sts.org/sites/default/files/STS_Combination%20Procedures%2012_1_2020.pdf

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

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

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- Not available in vendor software



Appendix C Updates

Appendix C Updates Continued

Both Excel and pdf versions available

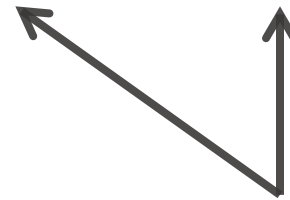
Appendix C Updates

**New updates
employed &
posted May
2022**

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

Appendix C Updates Continued

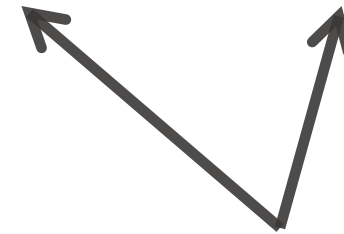


*White columns denote previous
STAT Mortality Score Category;
procedures will be analyzed with
in Fall 2021 harvest*

Appendix C Updates Continued



Orange cells denote procedure will be analyzed with NEW STAT score in Spring 2022 analysis

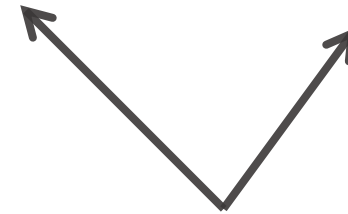


Yellow columns denote updated STAT Mortality Score Category; procedures will be analyzed with in Spring 2022 harvest

Appendix C Updates Continued



*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 perimembraneous 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 perimembraneous 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

IQVIA Known Issues & Updates

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.

IQVIA Known Issues & Updates

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.

IQVIA Update

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
 - chsdttechsupport@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

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- 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!



STS National Database™

Trusted. Transformed. Real-Time.



THANK YOU FOR JOINING!