Society of Thoracic Surgeons

Adult Cardiac Surgery Database

June 3, 2020

Agenda

- Welcome and Introductions
- Housekeeping
- STS Updates
- What's In/What's Out
- IQVIA Updates
- Q&A – Please submit using the Q&A function

Housekeeping
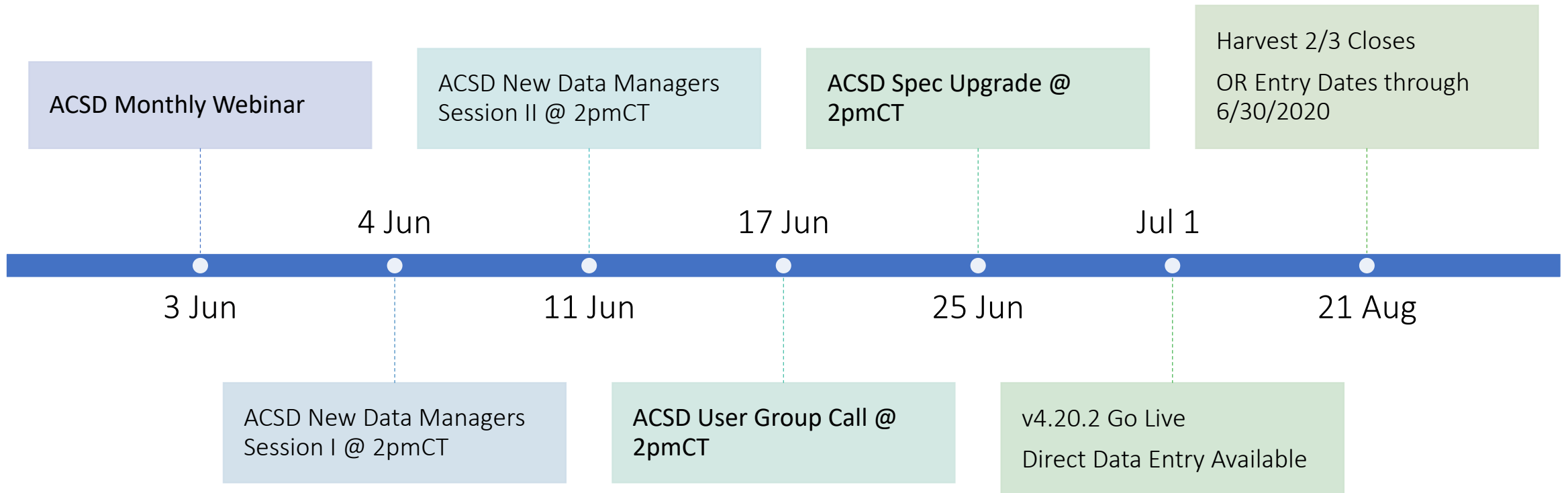
v4.20 Data Spec Update

v4.20 Training Manual Update

June Training Manual

AQO Update

Patient Website

Important Dates for Adult Cardiac

ACSD Monthly Webinar

ACSD New Data Managers Session II @ 2pmCT

ACSD Spec Upgrade @ 2pmCT

Harvest 2/3 Closes

OR Entry Dates through 6/30/2020

4 Jun

17 Jun

Jul 1

3 Jun

11 Jun

25 Jun

21 Aug

ACSD New Data Managers Session I @ 2pmCT

ACSD User Group Call @ 2pmCT

v4.20.2 Go Live

Direct Data Entry Available

What's In / What's Out
Cases to be submitted to ACSD

- Required
  - CABG
  - Valve to include
    - Aortic valve repair, surgical
    - Aortic valve replacement, surgical
    - Mitral valve commissurotomy, surgical
    - Mitral valve repair, surgical
    - Mitral valve replacement, surgical
    - Tricuspid valve repair, surgical
    - Tricuspid valve replacement, surgical
    - Tricuspid valvectomy
    - Pulmonary valve repair, surgical
    - Pulmonary valve replacement, surgical
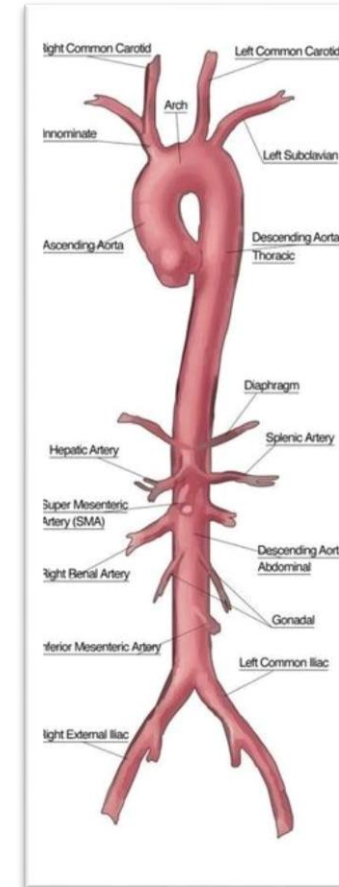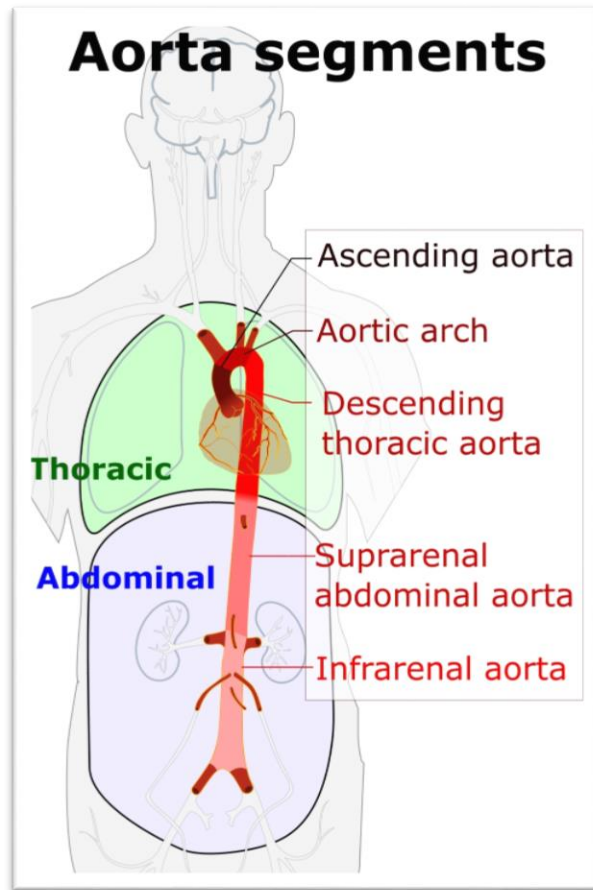   - Pulmonary valvectomy

Aorta – any portion proximal to the diaphragm

- Aortic procedure, arch
- Aortic procedure, ascending
- Aortic procedure, descending
- Aortic procedure, root
- Aortic procedure, thoracoabdominal
- Aortic Procedure, TEVAR
- Aortic root procedure, valve sparing

Aorta – any portion proximal to the diaphragm

Procedures performed on the heart, aorta, pulmonary arteries or veins and/or the intrathoracic inferior/superior vena cava

- LV/ RV Repair
- Cardiac Trauma
- LV Aneurysm Repair
- Minimally invasive Patent foramen ovale closure
- Cardiac Tumor
- Closure atrial septal defect
- Closure ventricular septal defect
- Subaortic Stenosis Resection
- Septal myectomy
- Stand – alone Pericardiectomy – If the pericardium is performed from the left phrenic nerve to the right phrenic nerve it can be included in the Adult Cardiac Surgery Database; otherwise submit to the General Thoracic Database
- Pulmonary Thromboembolectomy
- Pulmonary Artery Aneurysm Repair
- Transmyocardial Laser Revascularization (TMR)

- A-fib cases done by Cardiac Thoracic Surgeon to include:
  - Maze
  - Pulmonary vein isolation etc…
  - LAA clips
  - Ablation, catheter, atrial fibrillation Convergent cases
    Ablation, surgical, atrial fibrillation such as Maze, Pulmonary vein isolation etc…
- ICD and Pacemaker Lead Extractions done by Cardiac Thoracic Surgeon
- VAD in conjunction with CV surgery
- Concomitant Procedures
  - Non-inclusive Examples:
    - CAB + Valve
    - Aorta + Valve
    - Valve + Maze
    - CAB + Impella performed during same stay
    - AVR + Aorta + VAD performed during same stay

'Optional Cases' – <mark>If a required case is not performed during same stay.</mark>

- ECMO, Impella

- VAD

- Total Artificial Heart (TAH) - this is coded as VAD

- TAVR / TMVR / Mitral clips

- Angiovac cases

- Pericardial windows, pacemaker/ ICD insertions / lead insertions

- Lung Transplants

- Heart Transplants

What on the horizon

- 3-year CABG Composite
  - Replaces the 1-year Composite
  - 95% Confidence Intervals
    - Wider than 1-year Composite
  - Coming soon to quarterly reports
  - Will be used for Public Reporting (likely 2021)
- Multi-procedural Composite
  - Multi-valve procedures
  - Weighted

Direct Data Entry

- Planned to begin July 1, 2020
- Email STSDB@sts.org

AQO Update

Emily Conrad,
Sr. Coordinator, STS National Database

AQO 2020: Virtual

- Tentative Topics
  - Version upgrade 4.20 - key areas of FAQ's clinical question mailbox
  - Hemo/Echo
  - Capturing the deteriorating patient accurately
  - Aortic
  - Afib/Maze
  - Determining Incidence/Spacing (Cavity)
  - NQF Measures
  - Risk Factors
  - Public Reporting
    - Knowing your risk assessment is correct
  - Mitral Valve
  - Mechanical Assist Devices
  - Transfers
  - Anesthesia
  - TVT Registry
  - Sternal wound infections
  - Chronic Lung Disease
  - Dashboard usage
- Registration dates, pricing, and abstract submission – TBD
  - Information will be sent as soon as it becomes available
  - Check the website and STS for updates

- Tuesday, September 29 – Intermacs/Pedimacs

- Wednesday, September 30 – General Thoracic

- Thursday, October 1 – Adult Cardiac

- Friday, October 2 – Congenital

Advances in Quality & Outcomes: A Data Managers Meeting

ADVANCES IN QUALITY & OUTCOMES:
A Data Managers Meeting
September 29 – October 2, 2020 ▪ VIRTUAL

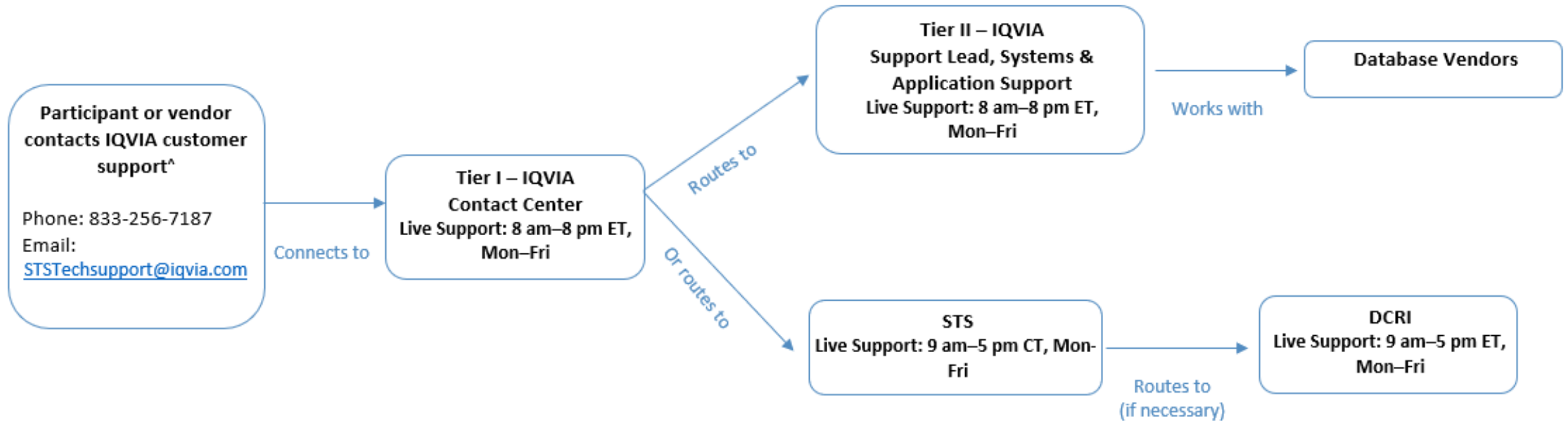September 29, 2020 - October 2, 2020

AQO 2021

DENVER!

Upcoming Release Updates – May 2020

- IQVIA Product Version Updated to v1.28
- System Updates
  - STS-1932 – Missing Variable report displaying 2.9 dischargemortstat for cases entered with 2.81 variables
  - STS-2132 – Error on DQR for Missing Discharge Date while patient still in hospital
  - STS-2276 – Validation correction related to urgemergrsn for version 2.81
  - STS-1365 – Validation correction related to fields Vschorpes, OpTricus in Valve Tab
  - STS-2227 – Validation correction related to CPB Utilization
  - STS-2277 – Validation logic updates – duplicate validation logic removed for IABPInd and updated CreatLst logic
  - STS-2231 – Validation correction related to OpONCard "Other Non Card"
  - STS-2560 – Update the descriptions related to the TEMPCODE and TEMPDT fields for COVID-19 STS requirements
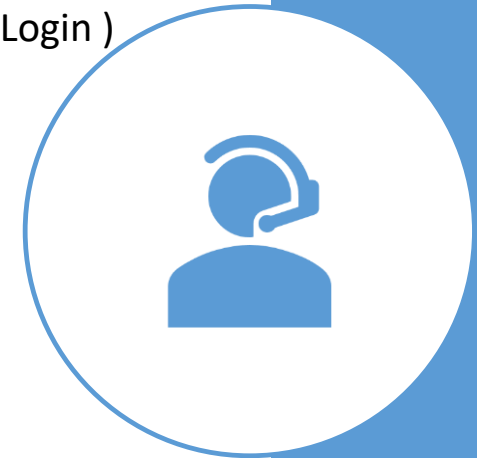
IQVIA's Support Plan

Participant or vendor contacts IQVIA customer support^

Phone: 833-256-7187
Email: STSTechsupport@iqvia.com

— Connects to →

Tier I – IQVIA
Contact Center
Live Support: 8 am–8 pm ET, Mon–Fri

— Routes to →

Tier II – IQVIA
Support Lead, Systems & Application Support
Live Support: 8 am–8 pm ET, Mon–Fri

— Works with →

Database Vendors

— Or routes to →

STS
Live Support: 9 am–5 pm CT, Mon-Fri

— Routes to (if necessary) →

DCRI
Live Support: 9 am–5 pm ET, Mon–Fri

^ Inquiries received outside live support hours will require a 24-hour turnaround window (i.e., one business day) for responses.

Resources

- STS National Database Webpage

- STSTechSupport@IQVIA.com (Uploader, DQR, Missing Variable, Dashboard, Password and Login)

- Phone Support: 1-833-256-7187

- STS National Database Feedback Form

- Resource Documents
    - Contact Information
    - Webinar Information
    - FAQ Document
    - Go-Live Checklist
    - Tiered-level Support Document
    - *Training Videos*
    - *Link to IQVIA*
    - ckrohn@sts.org

Contact Information

- Carole Krohn, Sr. Clinical Manager, STS National Database
  - CKrohn@sts.org
  - 312-202-5847
- Database Operational Questions
  - STSDB@sts.org

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!