

Society of Thoracic Surgeons

General Thoracic Surgery Database Monthly Webinar/Town Hall

December 9, 2020



STS National Database™
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Agenda

- Welcome and Introductions
- STS Updates
- IQVIA Update
- Town Hall
 - Feedback on the transition
 - Hear critical needs vs. enhancements
 - Ensure microphone is enabled
 - Use raise-hand function
 - Use the Q&A function





ADVANCES IN QUALITY & OUTCOMES: A Data Managers Meeting

■ 2020 DIGITAL ARCHIVE ■



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sts.org/AQO-online

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Important Dates for General Thoracic



9 December (Today)

GTSD Monthly Webinar



23 December

GTSD User Group Call **Canceled**
due to Holiday



31 December

Spring and Fall 2020 Analysis
Results available
Last day to claim CEs for AQO



13 January

GTSD Monthly Webinar @ 1:30
CT



Late March

GTSD Public Reporting

IQVIA Update

Joe Brower



IQVIA November 2020 Released Items

Platform Enhancements

All STS Reports - The Spotfire Report container has been updated to expand the height of all STS reports when viewing within the spotfire console.

New required fields have been updated to now flag the following as critical error or error at the time of an upload submission for analyzed procedures:

- Surgeon NPI (**critical error**, record will be rejected if missing)
- Hospital NPI (**critical error**, record will be rejected if missing)
- DataVrsn (**critical error**, record will be rejected if missing)
- Demogdatavrsn (**critical error**, record will be rejected if missing)
- Age (**critical error**, record will be rejected if missing)
- Vendor ID (**critical error**, record will be rejected if missing)
- Surgeon TIN (TIN is not required for non-US participants, can be left blank)
 - Error severity level for uploader users and direct data entry users*, the record will not be rejected if missing
 - *IQVIA will be updating the validation for DDE users to a warning in the December release

IQVIA December 2020 Release Items

Missing Variable Report

- STS-3924 – Missing Variable report displaying PTLIVE90DAY as missing when it's not 90 days since surgery

Direct Data Entry

- STS-4864 – Validation message on the TIN field will be updated from error severity to warning severity

Please note: Submitted tickets are currently under review and the IQVIA support team will follow up on resolution and/or target release confirmation.




GTSD Risk Adjusted Dashboard Report

Rhonda Murphy



Home Page



**The Society
of Thoracic
Surgeons**

General Thoracic Surgery Database
Data Analyses of The Society of Thoracic Surgeons
Participant:
STS Reporting Period Ending Dec 2019

[Export to PDF](#)
Zoom function may impact print quality.
Refresh browser to reset all zooms.

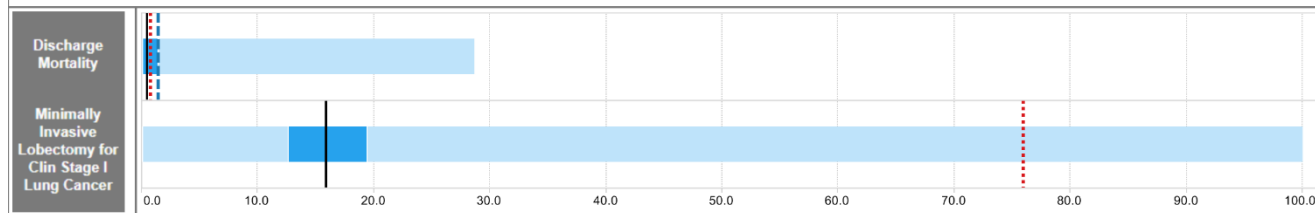
Lung Cancer	Esophageal Cancer	Other Reports	Benchmark Reports
Lobectomy STS/NIS Compare	Esophagectomy Composite Rating	Missing Data	All Esophagectomies
Lobectomy Composite Rating	Esophagectomy Composite Rating Details	Number of Operations and Mortality	All Segmentectomies
Lobectomy Composite Rating Details	Esophagectomy Clinical Staging Procedures	Primary Procedure Operative Mortality	All Pneumonectomies
Lung Cancer Clinical Staging Procedures	Esophagectomy Risk Adjusted Outcomes		All Lobectomies
Pulmonary Resections Morb/Mort			All Wedge Resections
Pulmonary Resections Details			Excision of Mediastinal Mass or Cyst
Lobectomy Risk Adjusted Outcomes			Thymectomy
			Decortication
			Fundoplication, Paraesophageal Hernia
			Fundoplication, Routine Hernia



Domain	Participant				STS			NIS		
	N	# of pat	Score	95% CI	Score	N	# of pat	Min - Max	Score	N # of pat
Discharge Mortality	256	2	0.4 %	(0.00-1.40)	0.8 %	28,733	216	(0.0-27.2)	1.4 %	25,675 365
Minimally Invasive Lobectomy for Clin Stage I Lung Cancer	193	61	15.8 %	(12.60-19.40)	76.0 %	20,670	15,704	(0.0-80.6)		

Participant and STS Score (95% Confidence Interval)

----- STS — My Site ● Min - Max ● 95% CI ○ Out of Range



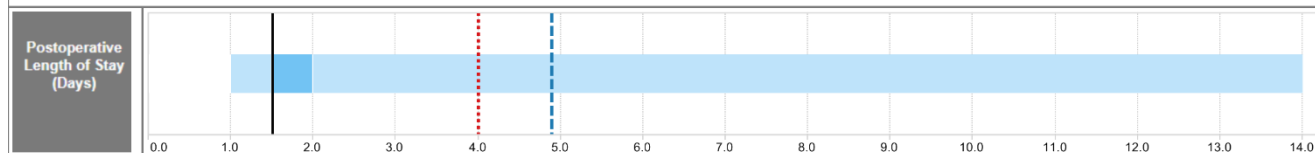
Better than expected results are toward the left

Adjust slider for zoom

Domain	Participant				STS			NIS	
	N	Median	Q1	Q3	N	Median	Min - Max	N	Median
Postoperative Length of Stay (Days)	256	1.5	1.5	2.0	28,721	4.9	(1.0-14.0)	25,675	4.9

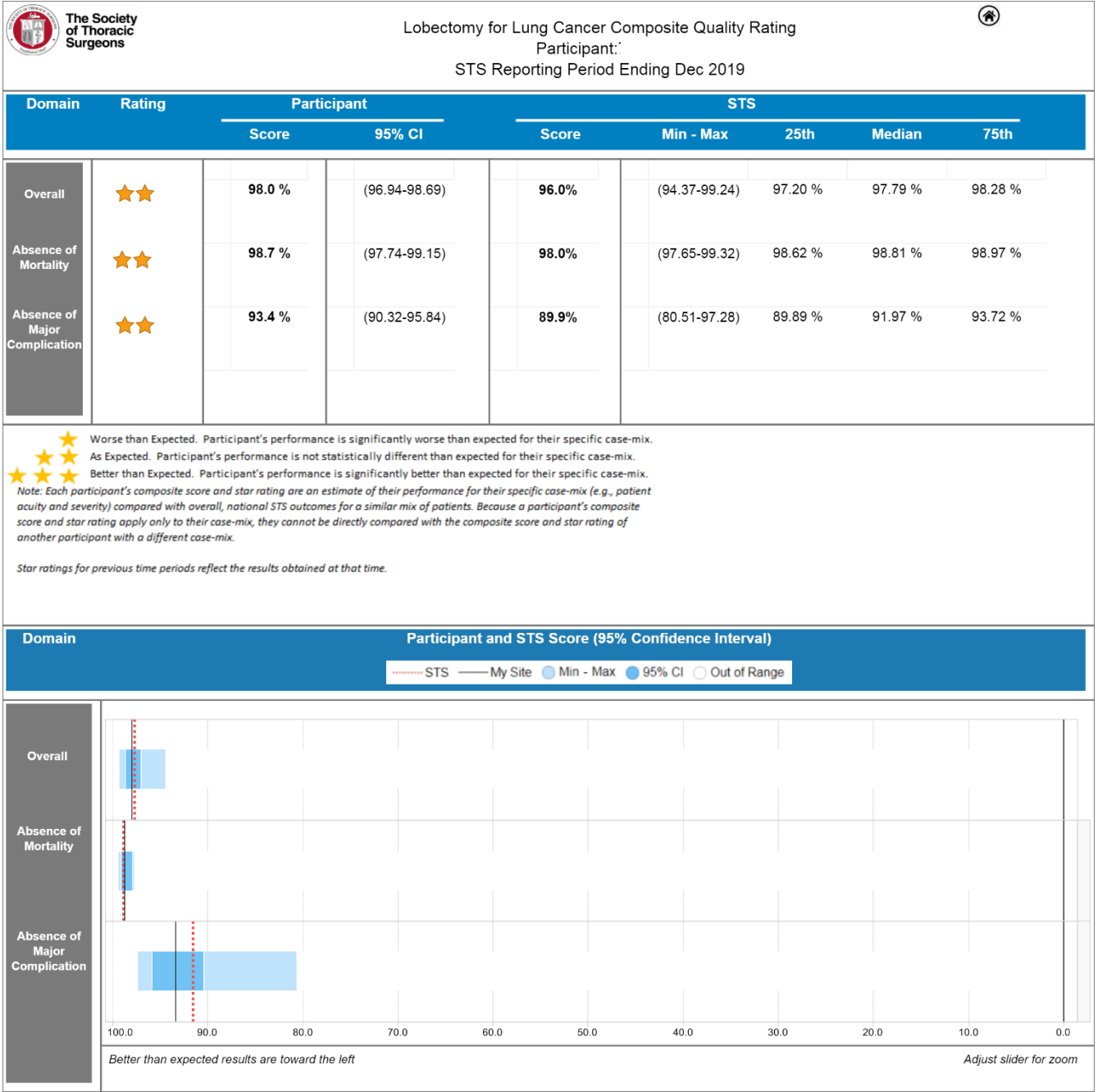
Participant and STS Score (95% Confidence Interval)

--- NIS ----- STS — My Site ● Min - Max ● Q1-Q3 ○ Out of Range



Better than expected results are toward the left

Adjust slider for zoom





Lobectomy for Lung Cancer Composite Quality Rating
Participant:
STS Reporting Period Ending Dec 2019



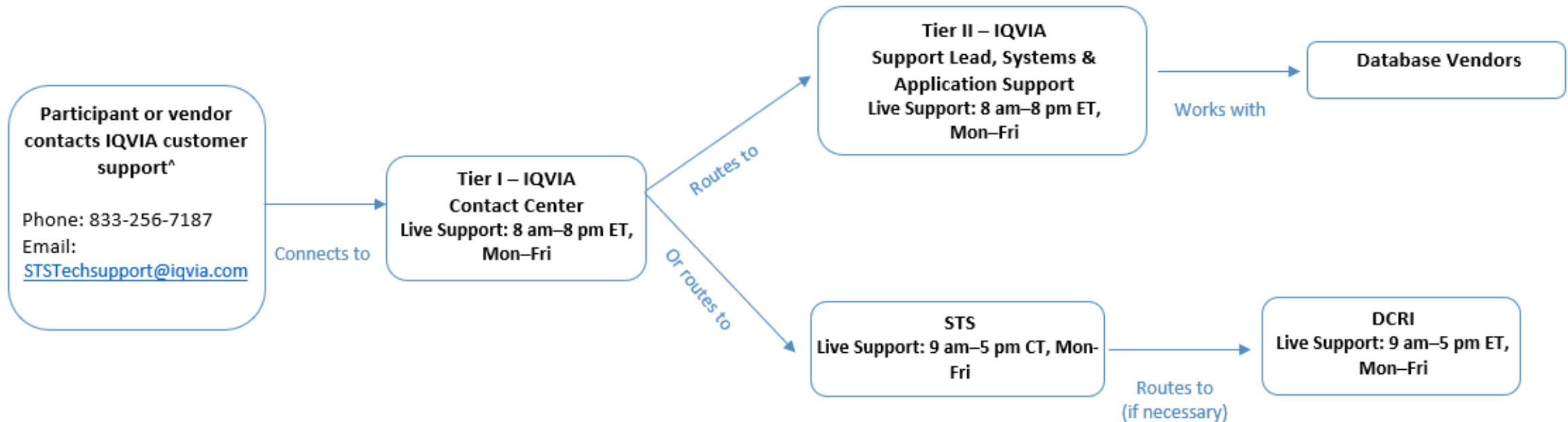
Quality Domain	Eligible Procedures	Detail	*Count	Percent
Absence of Mortality	616	Operative Mortality	6	
Absence of Morbidity	616	Major Complication	54	
		ARDS	3	5.2 %
		Bronchopleural Fistula	2	3.4 %
		Initial Vent Support >48hrs	4	6.9 %
		Multiple Complications (more than 1 of the above)	5	24.1 %
		Myocardial Infarction	10	44.8 %
		Pneumonia	9	15.5 %
		Pulmonary Embolus	10	44.8 %
		Reintubation/Resp. Failure	5	24.1 %
		Tracheostomy	2	3.4 %
		Unexpected Return to OR	4	6.9 %

STS/IQVIA Support Plan



IQVIA's Support Plan

****Please include your 5 digit Participant ID**



^ 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*

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



Next GTSD Webinars

User Group Call – CXD due to Holiday

- December 23 @2:30 CT

Monthly Webinar

- January 13 @ 1:30pm 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!