

Atrial Fibrillation Procedures
Data Summary

Participant 99999
STS Period Ending 12/31/2016

	Participant 99999 2016	STS 2016
Number of Cases		
Preoperative		
Predominant Atrial Arrhythmia Type		
Paroxysmal Atrial Fibrillation	-	-
Persistent Atrial Fibrillation	-	-
Longstanding Persistent Atrial Fibrillation	-	-
Typical Atrial Flutter	-	-
Atypical Atrial Flutter	-	-
Other	-	-
Missing	-	-
Duration of Arrhythmia		
<6 months	-	-
6-12 months	-	-
>1 year	-	-
1-5 years	-	-
>5 years	-	-
Missing	-	-
Medical History/Treatment Prior to Surgery		
Antiarrhythmic Drug Failure/Intolerance	-	-
Missing	-	-
Catheter Ablation Failure	-	-
Missing	-	-
Thromboembolic Event	-	-
Missing	-	-
High-risk for Anticoagulation	-	-
Missing	-	-

Atrial Fibrillation Procedures
Data Summary

Participant 99999
STS Period Ending 12/31/2016

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Antiarrhythmic Drug Therapy	-	-
Class I	-	-
Class II	-	-
Class III	-	-
Class IV	-	-
Other	-	-
Missing Class Category	-	-
Missing Drug Therapy	-	-
Oral Anticoagulation Therapy	-	-
Missing	-	-
Previous Electrical Cardioversion(s)	-	-
Total Number		
0	-	-
1	-	-
2	-	-
>2	-	-
Missing Total Number	-	-
Time Since Last		
< 3 months	-	-
3-6 months	-	-
6-12 months	-	-
>1 year	-	-
Missing Time Category	-	-
Missing Electrical Cardioversion	-	-

Atrial Fibrillation Procedures
Data Summary

Participant 99999
STS Period Ending 12/31/2016

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Prior Cath-Based PVI	-	-
Total Number		
0	-	-
1	-	-
2	-	-
>2	-	-
<i>Missing Total Number</i>	-	-
Time Since Last		
< 3 months	-	-
3-6 months	-	-
6-12 months	-	-
>1 year	-	-
<i>Missing Time Category</i>	-	-
<i>Missing Prior PVI</i>	-	-
Prior Surgical Procedures to Control AF	-	-
<i>Missing</i>	-	-
Primary Indication for Procedure		
Concomitant Valve Disease	-	-
Concomitant Coronary Artery Disease	-	-
Concomitant Valvular/CAD	-	-
Concomitant Congenital Procedure	-	-
Concomitant Other Cardiac Disease	-	-
Stand Alone	-	-
<i>Missing</i>	-	-
Intraoperative Data		
Left Atrial Thrombus	-	-
<i>Missing</i>	-	-
Left Atrial Appendage		
Excised	-	-
<i>Missing</i>	-	-
Excluded	-	-
Device	-	-
Sewing	-	-
<i>Missing Technique</i>	-	-
<i>Missing Excluded</i>	-	-

Atrial Fibrillation Procedures
Data Summary

Participant 99999
STS Period Ending 12/31/2016

	Participant 99999 2016	STS 2016
Right Atrial Appendage		
Excised	-	-
Missing	-	-
Excluded	-	-
Device	-	-
Sewing	-	-
Missing Technique	-	-
Missing Excluded	-	-
Autonomic Ganglia Ablation Performed	-	-
Missing	-	-
Surgery Type		
Pump Usage		
On Pump	-	-
Combination	-	-
Off Pump	-	-
Missing Pump Usage	-	-
Hybrid	-	-
Missing Hybrid	-	-
Robotic	-	-
Missing Robotic	-	-
Access Method		
Full Sternotomy	-	-
Partial Sternotomy	-	-
Completely Endoscopic	-	-
Mini-Thoracotomy	-	-
Bilateral	-	-
Missing Bilateral	-	-
Direct Visualization	-	-
Missing Direct Visualization	-	-
Endoscopic	-	-
Missing	-	-
Missing	-	-

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Lesions Performed		
Pulmonary Vein Isolation	-	-
Conduction Block Confirmed	-	-
<i>Missing Conduction Block Confirmed</i>	-	-
Energy Source		
Radiofrequency	-	-
<i>Missing Radiofrequency</i>	-	-
Cryoablation	-	-
<i>Missing Cryoablation</i>	-	-
Other	-	-
<i>Missing Other</i>	-	-
Box Lesion	-	-
Conduction Block Confirmed	-	-
<i>Missing Conduction Block Confirmed</i>	-	-
Energy Source		
Radiofrequency	-	-
<i>Missing Radiofrequency</i>	-	-
Cryoablation	-	-
<i>Missing Cryoablation</i>	-	-
Other	-	-
<i>Missing Other</i>	-	-
Inferior Pulm Vein Connecting Lesion	-	-
Conduction Block Confirmed	-	-
<i>Missing Conduction Block Confirmed</i>	-	-
Energy Source		
Radiofrequency	-	-
<i>Missing Radiofrequency</i>	-	-
Cryoablation	-	-
<i>Missing Cryoablation</i>	-	-
Other	-	-
<i>Missing Other</i>	-	-

Atrial Fibrillation Procedures
Data Summary

Participant 99999
STS Period Ending 12/31/2016

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Superior Pulm Vein Connecting Lesion	-	-
Conduction Block Confirmed	-	-
<i>Missing Conduction Block Confirmed</i>	-	-
Energy Source		
Radiofrequency	-	-
<i>Missing Radiofrequency</i>	-	-
Cryoablation	-	-
<i>Missing Cryoablation</i>	-	-
Other	-	-
<i>Missing Other</i>	-	-
Posterior Mitral Annular Line	-	-
Conduction Block Confirmed	-	-
<i>Missing Conduction Block Confirmed</i>	-	-
Energy Source		
Radiofrequency	-	-
<i>Missing Radiofrequency</i>	-	-
Cryoablation	-	-
<i>Missing Cryoablation</i>	-	-
Other	-	-
<i>Missing Other</i>	-	-
PV to Ant. Mitral Annulus	-	-
Conduction Block Confirmed	-	-
<i>Missing Conduction Block Confirmed</i>	-	-
Energy Source		
Radiofrequency	-	-
<i>Missing Radiofrequency</i>	-	-
Cryoablation	-	-
<i>Missing Cryoablation</i>	-	-
Other	-	-
<i>Missing Other</i>	-	-

Atrial Fibrillation Procedures
Data Summary

Participant 99999
STS Period Ending 12/31/2016

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Mitral Valve Cryolesion	-	-
Conduction Block Confirmed	-	-
<i>Missing Conduction Block Confirmed</i>	-	-
Energy Source		
Radiofrequency	-	-
<i>Missing Radiofrequency</i>	-	-
Cryoablation	-	-
<i>Missing Cryoablation</i>	-	-
Other	-	-
<i>Missing Other</i>	-	-
Left Atrial Appendage	-	-
Pulmonary Vein to LAA	-	-
Conduction Block Confirmed	-	-
<i>Missing Conduction Block Confirmed</i>	-	-
Energy Source		
Cryoablation	-	-
<i>Missing Cryoablation</i>	-	-
Radiofrequency	-	-
<i>Missing Radiofrequency</i>	-	-
Other	-	-
<i>Missing Other</i>	-	-
Intercaval Line to Tricuspid Annulus	-	-
Conduction Block Confirmed	-	-
<i>Missing Conduction Block Confirmed</i>	-	-
Energy Source		
Radiofrequency	-	-
<i>Missing Radiofrequency</i>	-	-
Cryoablation	-	-
<i>Missing Cryoablation</i>	-	-
Other	-	-
<i>Missing Other</i>	-	-

Atrial Fibrillation Procedures
Data Summary

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STS Period Ending 12/31/2016

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Tricuspid Cryolesion Medial	-	-
Conduction Block Confirmed	-	-
<i>Missing Conduction Block Confirmed</i>	-	-
Energy Source		
Radiofrequency	-	-
<i>Missing Radiofrequency</i>	-	-
Cryoablation	-	-
<i>Missing Cryoablation</i>	-	-
Other	-	-
<i>Missing Other</i>	-	-
Intercaval Line	-	-
Conduction Block Confirmed	-	-
<i>Missing Conduction Block Confirmed</i>	-	-
Energy Sources		
Radiofrequency	-	-
<i>Missing Radiofrequency</i>	-	-
Cryoablation	-	-
<i>Missing Cryoablation</i>	-	-
Other	-	-
<i>Missing Other</i>	-	-
Tricuspid Annular Line to RAA	-	-
Conduction Block Confirmed	-	-
<i>Missing Conduction Block Confirmed</i>	-	-
Energy Source		
Radiofrequency	-	-
<i>Missing Radiofrequency</i>	-	-
Cryoablation	-	-
<i>Missing Cryoablation</i>	-	-
Other	-	-
<i>Missing Other</i>	-	-

Atrial Fibrillation Procedures
Data Summary

Participant 99999
STS Period Ending 12/31/2016

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Tricuspid Cryolesion	-	-
Conduction Block Confirmed	-	-
<i>Missing Conduction Block Confirmed</i>	-	-
Energy Source		
Radiofrequency	-	-
<i>Missing Radiofrequency</i>	-	-
Cryoablation	-	-
<i>Missing Cryoablation</i>	-	-
Other	-	-
<i>Missing Other</i>	-	-
RAA Ligation/Removal	-	-
RAA Lateral Wall	-	-
Conduction Block Confirmed	-	-
<i>Missing Conduction Block Confirmed</i>	-	-
Energy Source		
Radiofrequency	-	-
<i>Missing Radiofrequency</i>	-	-
Cryoablation	-	-
<i>Missing Cryoablation</i>	-	-
Other	-	-
<i>Missing Other</i>	-	-
Atrial Septal Ablation	-	-
Conduction Block Confirmed	-	-
<i>Missing Conduction Block Confirmed</i>	-	-
Energy Source		
Radiofrequency	-	-
<i>Missing Radiofrequency</i>	-	-
Cryoablation	-	-
<i>Missing Cryoablation</i>	-	-
Other	-	-
<i>Missing Other</i>	-	-

Atrial Fibrillation Procedures
Data Summary

Participant 99999
STS Period Ending 12/31/2016

	Participant 99999 2016	STS 2016
Other	-	-
Conduction Block Confirmed	-	-
<i>Missing Conduction Block Confirmed</i>	-	-
Energy Source		
Radiofrequency	-	-
<i>Missing Radiofrequency</i>	-	-
Cryoablation	-	-
<i>Missing Cryoablation</i>	-	-
Other	-	-
<i>Missing Other</i>	-	-
Energy Sources/techniques Used (All Lesions)		
Radiofrequency	-	-
Unipolar	-	-
Irrigated	-	-
<i>Missing Irrigated</i>	-	-
Bipolars	-	-
<i>Missing Radiofrequency</i>	-	-
Cryoablation	-	-
Nitric Oxide	-	-
Argon	-	-
<i>Missing Cryoablation</i>	-	-
High Intensity Focus Ultrasound	-	-
<i>Missing High Intensity Focus Ultrasound</i>	-	-
Microwave	-	-
<i>Missing Microwave</i>	-	-
Laser	-	-
<i>Missing Laser</i>	-	-
Cut & Sew	-	-
<i>Missing Cut & Sew</i>	-	-

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Rhythm Evaluation – Discharge		
Primary Intrinsic Rhythm Type		
Normal Sinus Rhythm	-	-
<i>Missing Normal Sinus Rhythm</i>	-	-
Junctional Rhythm	-	-
<i>Missing Junctional Rhythm</i>	-	-
Paced	-	-
<i>Missing Paced</i>	-	-
Atrial fibrillation	-	-
Persistent	-	-
Paroxysmal	-	-
<i>Missing Atrial Fibrillation</i>	-	-
Atrial Flutter	-	-
<i>Missing Atrial Flutter</i>	-	-
Atrial Tachycardia	-	-
<i>Missing Atrial Tachycardia</i>	-	-
Ectopic atrial Rhythm	-	-
<i>Missing Ectopic Atrial Rhythm</i>	-	-
AVNRT	-	-
<i>Missing AVNRT</i>	-	-
Undetermined	-	-
<i>Missing Undetermined</i>	-	-
Other	-	-
<i>Missing Other</i>	-	-
Presence of Heart Block (HB)		
1st Degree HB	-	-
2nd Degree HB Mobitz I (Wenckebach)	-	-
2nd Degree HB Mobitz II	-	-
3rd Degree HB	-	-
No HB	-	-
<i>Missing HB</i>	-	-

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Data Summary

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	Participant 99999 2016	STS 2016
Antiarrhythmic Drug Therapy at Discharge	-	-
Class I	-	-
Class II	-	-
Class III	-	-
Class IV	-	-
Other	-	-
Missing Class Category	-	-
Missing Antiarrhythmic Drug Therapy	-	-
Oral anticoagulation at discharge	-	-
Missing Oral anticoagulation	-	-
Cardioversion BTW Procedure&Discharge	-	-
Missing	-	-
Post-operative complications		
CVA	-	-
Missing CVA	-	-
TIA	-	-
Missing TIA	-	-
Peripheral arterial embolism	-	-
Missing Peripheral Arterial Embolism	-	-
Cardiac arrest	-	-
Missing Cardiac arrest	-	-
Minor bleeding	-	-
Missing Minor bleeding	-	-
Major bleeding	-	-
Missing Major bleeding	-	-
Esophageal injury	-	-
Missing Esophageal injury	-	-
Pacemaker insertion	-	-
Missing Pacemaker insertion	-	-
Post-surgical catheter ablation	-	-
Missing Post-surgical catheter ablation	-	-

**Atrial Fibrillation Procedures
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**Participant 99999
STS Period Ending 12/31/2016**

	Participant 99999 2016	STS 2016
NYHA Class		
Class I	-	-
Class II	-	-
Class III	-	-
Class IV	-	-
<i>Missing</i>	-	-