

**STS Congenital Anesthesiology Report
All Operations**

**Participant 99999
January 1, 2013 - December 31, 2016**

| | Participant | | | | STS | | | |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | Last Year | | Last 4 Years | | Last Year | | Last 4 Years | |
| | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2013 - Dec 2016 |
| | N | % | N | % | N | % | N | % |
| Number of Records ¹ | | | | | | | | |
| Type of Procedure | | | | | | | | |
| Cardiovascular Surgery | | | | | | | | |
| CPB Cardiovascular | | | | | | | | |
| No CPB Cardiovascular | | | | | | | | |
| Support Devices (ECMO, VAD with w/out CPB) | | | | | | | | |
| Cardiology | | | | | | | | |
| Diagnostic | | | | | | | | |
| Interventional | | | | | | | | |
| Electrophysiology | | | | | | | | |
| Other | | | | | | | | |
| Thoracic | | | | | | | | |
| Non-Cardiac/Non-Thoracic w/Anesthesia | | | | | | | | |
| CPB -Non Cardiovascular ² | | | | | | | | |
| Other | | | | | | | | |
| Age Group | | | | | | | | |
| Neonates (0-30 days) | | | | | | | | |
| Infants (31 days - 1 year) | | | | | | | | |
| Children (> 1 year - < 18 years) | | | | | | | | |
| Adults (18 years+) | | | | | | | | |
| Provider | | | | | | | | |
| Anesthesiologist Only | | | | | | | | |
| Anesthesiologist + Trainee | | | | | | | | |
| Anesthesiologist + Advanced Provider (CRNA/AA) | | | | | | | | |
| Adverse Events | | | | | | | | |
| Missing | | | | | | | | |
| None | | | | | | | | |
| Any Adverse Event | | | | | | | | |
| Oral/Nasal Injury-Bleeding | | | | | | | | |
| Respiratory Arrest | | | | | | | | |
| Difficult Intubation/Reintubation | | | | | | | | |
| Stridor / Sub-glottic Stenosis | | | | | | | | |

¹See Attachment F of the Report Overview for a Glossary of Report Variables

²Available with data version 3.3 only

**STS Congenital Anesthesiology Report
All Operations**

**Participant 99999
January 1, 2013 - December 31, 2016**

| | Participant | | | | STS | | | |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | Last Year | | Last 4 Years | | Last Year | | Last 4 Years | |
| | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 |
| | N | % | N | % | N | % | N | % |
| Adverse Events - Continued | | | | | | | | |
| Extubation | | | | | | | | |
| Endotracheal Tube Migration | | | | | | | | |
| Airway Injury | | | | | | | | |
| Arrhythmia - Central Venous Line Placement | | | | | | | | |
| Myocardial Injury - Central Venous Line Placement | | | | | | | | |
| Vascular Compromise - | | | | | | | | |
| Central Venous Line Placement | | | | | | | | |
| Pneumothorax - Central Venous Line Placement | | | | | | | | |
| Vascular Access | | | | | | | | |
| Hematoma req. relocation of catheter placement | | | | | | | | |
| Arterial Puncture | | | | | | | | |
| Intravenous/Intra-arterial Air Embolism | | | | | | | | |
| Bleeding - Regional Anesthetic Site | | | | | | | | |
| Intrathecal Puncture - Regional | | | | | | | | |
| Local Anesthetic Toxicity - Regional | | | | | | | | |
| Neurologic Injury - Regional | | | | | | | | |
| Anaphylaxis/Anaphylactoid Reaction | | | | | | | | |
| Non-allergic Drug Reaction | | | | | | | | |
| Medication Administration | | | | | | | | |
| Medication Dosage | | | | | | | | |
| Intraoperative Recall | | | | | | | | |
| Malignant Hyperthermia | | | | | | | | |
| Protamine Reaction | | | | | | | | |
| Cardiac Arrest - related to anesthesia care | | | | | | | | |
| Cardiac Arrest - Unrelated to anesthesia care ¹ | | | | | | | | |
| TEE related Esophageal Bleeding / Rupture | | | | | | | | |
| Esophageal Chemical Burn | | | | | | | | |
| TEE related Airway Compromise | | | | | | | | |
| TEE related Hemodynamic Compromise ² | | | | | | | | |
| TEE Related-Extubation | | | | | | | | |
| Complications during patient transfer | | | | | | | | |
| Peripheral Nerve injury due to positioning | | | | | | | | |
| Arterial Line Placement- Extremity ischemia ¹ | | | | | | | | |
| Anesthesia Equipment Malfunction/ Failure ¹ | | | | | | | | |
| Intravenous Infiltration ¹ | | | | | | | | |

¹Available with data versions 3.22 and 3.3 only

²Available with data version 3.3 only

**STS Congenital Anesthesiology Report
All Operations**

**Participant 99999
January 1, 2013 - December 31, 2016**

| | Participant | | | | STS | | | |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | Last Year | | Last 4 Years | | Last Year | | Last 4 Years | |
| | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2013 - Dec 2016 |
| | N | % | N | % | N | % | N | % |
| Adverse Events - Continued | | | | | | | | |
| Integument Injury ¹ | | | | | | | | |
| Bronchospasm ¹ | | | | | | | | |
| Hemoptysis ¹ | | | | | | | | |
| Postop Nausea/Vomiting req. admission ¹ | | | | | | | | |
| Vomiting or Aspiration on Induction/Emergence ¹ | | | | | | | | |
| Emergence Delirium requiring Medication ¹ | | | | | | | | |
| Laryngospasm requiring medication ¹ | | | | | | | | |
| Unplanned need to remain intubated postprocedure due to anesthesia factors ¹ | | | | | | | | |
| Ocular Injury (corneal abrasion or injury) ¹ | | | | | | | | |
| Pulmonary Hypertensive Crisis ¹ | | | | | | | | |
| Hypercyanotic Episode (Tet Spell) ¹ | | | | | | | | |
| Other ¹ | | | | | | | | |

¹Available with data versions 3.22 and 3.3 only

**STS Congenital Anesthesiology Report
CPB/No CPB Cardiovascular Operations**

**Participant 99999
January 1, 2013 - December 31, 2016**

| | Participant | | | | STS | | | |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | Last Year | | Last 4 Years | | Last Year | | Last 4 Years | |
| | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 |
| | N | % | N | % | N | % | N | % |
| Number of Records | | | | | | | | |
| Surgical Strategy for Anesthesia Reported Cases | | | | | | | | |
| CPB Only | | | | | | | | |
| CPB and Cross Clamp | | | | | | | | |
| DHCA and/or Cerebral Perfusion ¹ | | | | | | | | |
| No CPB | | | | | | | | |
| Age Group | | | | | | | | |
| Neonates (0-30 days) | | | | | | | | |
| Infants (31 days - 1 year) | | | | | | | | |
| Children (> 1 year - < 18 years) | | | | | | | | |
| Adults (18 years+) | | | | | | | | |
| STAT Mortality Category | | | | | | | | |
| Category 1 | | | | | | | | |
| Category 2 | | | | | | | | |
| Category 3 | | | | | | | | |
| Category 4 | | | | | | | | |
| Category 5 | | | | | | | | |
| Not Assigned | | | | | | | | |
| Risk Factors | | | | | | | | |
| Any Non-Cardiac Congenital Abnormality | | | | | | | | |
| Any Chromosomal Abnormality | | | | | | | | |
| Any Syndrome | | | | | | | | |
| Pre-Operative Medications | | | | | | | | |
| Anticoagulants | | | | | | | | |
| Antiarrhythmics | | | | | | | | |
| Prostaglandin | | | | | | | | |
| Cardiac Medications | | | | | | | | |
| IV Inotropes | | | | | | | | |
| IV Systemic Vasodilators | | | | | | | | |
| IV Systemic Vasoconstrictors | | | | | | | | |
| IV Pulmonary Vasodilators | | | | | | | | |

¹Includes Antegrade or Retrograde, data collection does not distinguish between the two types

STS Congenital Anesthesiology Report
CPB/No CPB Cardiovascular Operations

Participant 99999
January 1, 2013 - December 31, 2016

Interaoperative Procoagulants, Total Dosage

¹Among patients with Procoagulant Usage for the Specified Procoagulant

**STS Congenital Anesthesiology Report
CPB/No CPB Cardiovascular Operations**

**Participant 99999
January 1, 2013 - December 31, 2016**

| | Age Group | | | | | | | | | | | | | | | |
|---|------------------|---|----------|---|------------------|---|----------|---|------------------|---|----------|---|------------------|---|----------|---|
| | Neonates | | | | Infants | | | | Children | | | | Adults | | | |
| | Participant N | % | STS N | % | Participant N | % | STS N | % | Participant N | % | STS N | % | Participant N | % | STS N | % |
| Invasive Arterial Blood Pressure¹ | | | | | | | | | | | | | | | | |
| Radial | | | | | | | | | | | | | | | | |
| Brachial | | | | | | | | | | | | | | | | |
| Axillary | | | | | | | | | | | | | | | | |
| Ulnar | | | | | | | | | | | | | | | | |
| Femoral | | | | | | | | | | | | | | | | |
| Central/Umbilical | | | | | | | | | | | | | | | | |
| Other | | | | | | | | | | | | | | | | |
| Missing | | | | | | | | | | | | | | | | |
| Cutdown | | | | | | | | | | | | | | | | |
| No | | | | | | | | | | | | | | | | |
| Yes | | | | | | | | | | | | | | | | |
| Missing | | | | | | | | | | | | | | | | |
| Central Venous Pres. Monitoring² | | | | | | | | | | | | | | | | |
| Internal Jugular | | | | | | | | | | | | | | | | |
| Femoral | | | | | | | | | | | | | | | | |
| Subclavian | | | | | | | | | | | | | | | | |
| Other | | | | | | | | | | | | | | | | |
| PICC ³ | | | | | | | | | | | | | | | | |
| Missing | | | | | | | | | | | | | | | | |
| Surgeon Placed Central Lines ³ | | | | | | | | | | | | | | | | |
| No | | | | | | | | | | | | | | | | |
| Yes | | | | | | | | | | | | | | | | |
| Missing | | | | | | | | | | | | | | | | |
| Ultrasound Usage⁴ | | | | | | | | | | | | | | | | |
| None | | | | | | | | | | | | | | | | |
| Arterial Line | | | | | | | | | | | | | | | | |
| Central Venous | | | | | | | | | | | | | | | | |

¹Among Patients with Arterial Line = Yes. Patients with multiple groups are reported multiple times, once in each applicable group.

²Among Patients with Percutaneous Central Pressure = Yes. Patients with multiple groups are reported multiple times, once in each applicable group.

³Among Version 3.3 patients only

⁴Available with data versions 3.22 and 3.3 only

**STS Congenital Anesthesiology Report
CPB/No CPB Cardiovascular Operations**

**Participant 99999
January 1, 2013 - December 31, 2016**

| | Age Group | | | | | | | | | | | | | | | |
|---|------------------|---|---|----------|------------------|---|---|----------|------------------|---|---|----------|------------------|---|---|----------|
| | Neonates | | | | Infants | | | | Children | | | | Adults | | | |
| | Participant N | % | N | STS % | Participant N | % | N | STS % | Participant N | % | N | STS % | Participant N | % | N | STS % |
| Ultrasound Usage - Continued Both <i>Missing</i> | | | | | | | | | | | | | | | | |
| Transfusion No Yes <i>Missing</i> | | | | | | | | | | | | | | | | |

STS Congenital Anesthesiology Report
CPB/No CPB Cardiovascular Operations

Participant 99999
January 1, 2013 - December 31, 2016

Units Transfused by Age Group and Selected Procedures¹

¹Data version 3.3 only patients with a Transfusion of a Non-Autologous Blood Product during or after the procedure

STS Congenital Anesthesiology Report
CPB/No CPB Cardiovascular Operations

Participant 99999
January 1, 2013 - December 31, 2016

Units Transfused by Age Group and Selected Procedures¹

¹Data version 3.3 only patients with a Transfusion of a Non-Autologous Blood Product during or after the procedure

**STS Congenital Anesthesiology Report
CPB/No CPB Cardiovascular Operations**

**Participant 99999
January 1, 2013 - December 31, 2016**

| | Participant | | | | STS | | | |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | Last Year | | Last 4 Years | | Last Year | | Last 4 Years | |
| | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 |
| | N | % | N | % | N | % | N | % |
| Neurologic Monitoring Patients Near Infrared Spectroscopy (NIRS) Transcranial Doppler (TCD) Bispectral Index (BIS) Other | | | | | | | | |
| Regional Anesthesia Patients Any epidural / caudal catheter Any epidural / caudal single shot Intrathecal single shot Paravertebral Block (single shot or catheter) ¹ | | | | | | | | |
| Extubated in OR² No Yes <i>Missing</i> | | | | | | | | |
| Reintubated after Initial Extubation² No Yes <i>Missing</i> | | | | | | | | |
| Time to Final Extubation³ Overall 0 - 6 Hours 6 - 24 Hours > 24 Hours Neonates 0 - 6 Hours 6 - 24 Hours > 24 Hours Infants 0 - 6 Hours 6 - 24 Hours > 24 Hours | | | | | | | | |

¹Among CPB Patients version 3.3 only

²Among Patients where an Endotracheal Intubation was Performed

³Among Patients not extubated in the OR, calculated as the time between skin closure and initial extubation or skin closure and final extubation if reintubated

**STS Congenital Anesthesiology Report
CPB/No CPB Cardiovascular Operations**

**Participant 99999
January 1, 2013 - December 31, 2016**

| | Participant | | | | STS | | | |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | Last Year | | Last 4 Years | | Last Year | | Last 4 Years | |
| | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 |
| | N | % | N | % | N | % | N | % |
| Time to Final Extubation ¹ - continued | | | | | | | | |
| Children | | | | | | | | |
| 0 - 6 Hours | | | | | | | | |
| 6 - 24 Hours | | | | | | | | |
| > 24 Hours | | | | | | | | |
| Adults | | | | | | | | |
| 0 - 6 Hours | | | | | | | | |
| 6 - 24 Hours | | | | | | | | |
| > 24 Hours | | | | | | | | |

¹Among Patients not extubated in the OR, calculated as the time between skin closure and initial extubation or skin closure and final extubation if reintubated

STS Congenital Anesthesiology Report
CPB/No CPB Cardiovascular Operations

Participant 99999
January 1, 2013 - December 31, 2016

Time to Final Extubation if NOT extubated in Operating Room

STS Congenital Anesthesiology Report
CPB/No CPB Cardiovascular Operations

Participant 99999
January 1, 2013 - December 31, 2016

Time to Final Extubation if NOT extubated in Operating Room

**STS Congenital Anesthesiology Report
CPB/No CPB Cardiovascular Operations**

**Participant 99999
January 1, 2013 - December 31, 2016**

| | Participant | | | | STS | | | |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | Last Year | | Last 4 Years | | Last Year | | Last 4 Years | |
| | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2013 - Dec 2016 |
| | N | % | N | % | N | % | N | % |
| Adverse Events | | | | | | | | |
| Missing | | | | | | | | |
| None | | | | | | | | |
| Any Adverse Event | | | | | | | | |
| Oral/Nasal Injury-Bleeding | | | | | | | | |
| Respiratory Arrest | | | | | | | | |
| Difficult Intubation/Reintubation | | | | | | | | |
| Stridor / Sub-glottic Stenosis | | | | | | | | |
| Extubation | | | | | | | | |
| Endotracheal Tube Migration | | | | | | | | |
| Airway Injury | | | | | | | | |
| Arrhythmia - Central Venous Line Placement | | | | | | | | |
| Myocardial Injury - Central Venous Line Placement | | | | | | | | |
| Vascular Compromise - | | | | | | | | |
| Central Venous Line Placement | | | | | | | | |
| Pneumothorax - Central Venous Line Placement | | | | | | | | |
| Vascular Access | | | | | | | | |
| Hematoma req. relocation of catheter placement | | | | | | | | |
| Arterial Puncture | | | | | | | | |
| Intravenous/Intra-arterial Air Embolism | | | | | | | | |
| Bleeding - Regional Anesthetic Site | | | | | | | | |
| Intrathecal Puncture - Regional | | | | | | | | |
| Local Anesthetic Toxicity - Regional | | | | | | | | |
| Neurologic Injury - Regional | | | | | | | | |
| Anaphylaxis/Anaphylactoid Reaction | | | | | | | | |
| Non-allergic Drug Reaction | | | | | | | | |
| Medication Administration | | | | | | | | |
| Medication Dosage | | | | | | | | |
| Intraoperative Recall | | | | | | | | |
| Malignant Hyperthermia | | | | | | | | |
| Protamine Reaction | | | | | | | | |
| Cardiac Arrest - related to anesthesia care | | | | | | | | |
| Cardiac Arrest - Unrelated to anesthesia care ¹ | | | | | | | | |
| TEE related Esophageal Bleeding / Rupture | | | | | | | | |
| Esophageal Chemical Burn | | | | | | | | |

¹Available with data versions 3.22 and 3.3 only

**STS Congenital Anesthesiology Report
CPB/No CPB Cardiovascular Operations**

**Participant 99999
January 1, 2013 - December 31, 2016**

| | Participant | | | | STS | | | |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | Last Year | | Last 4 Years | | Last Year | | Last 4 Years | |
| | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 |
| | N | % | N | % | N | % | N | % |
| Adverse Events - Continued | | | | | | | | |
| TEE related Airway Compromise | | | | | | | | |
| TEE related Hemodynamic Compromise ¹ | | | | | | | | |
| TEE Related-Extubation | | | | | | | | |
| Complications during patient transfer | | | | | | | | |
| Peripheral Nerve injury due to positioning | | | | | | | | |
| Arterial Line Placement- Extremity ischemia ² | | | | | | | | |
| Anesthesia Equipment Malfunction/ Failure ² | | | | | | | | |
| Intravenous Infiltration ² | | | | | | | | |
| Integument Injury ² | | | | | | | | |
| Bronchospasm ² | | | | | | | | |
| Hemoptysis ² | | | | | | | | |
| Postop Nausea/Vomiting req. admission ² | | | | | | | | |
| Vomiting or Aspiration on Induction/Emergence ² | | | | | | | | |
| Emergence Delirium requiring Medication ² | | | | | | | | |
| Laryngospasm requiring medication ² | | | | | | | | |
| Unplanned need to remain intubated | | | | | | | | |
| postprocedure due to anesthesia factors ² | | | | | | | | |
| Ocular Injury (corneal abrasion or injury) ² | | | | | | | | |
| Pulmonary Hypertensive Crisis ² | | | | | | | | |
| Hypercyanotic Episode (Tet Spell) ² | | | | | | | | |
| Other ² | | | | | | | | |

¹Available with data version 3.3 only

²Available with data versions 3.22 and 3.3 only

**STS Congenital Anesthesiology Report
Non Operative Catheterization Anesthesia Operations**

**Participant 99999
January 1, 2013 - December 31, 2016**

| | Age Group | | | | | | | | | | | | | | | |
|---|------------------|---|---|----------|------------------|---|---|----------|------------------|---|---|----------|------------------|---|---|----------|
| | Neonates | | | | Infants | | | | Children | | | | Adults | | | |
| | Participant N | % | N | STS % | Participant N | % | N | STS % | Participant N | % | N | STS % | Participant N | % | N | STS % |
| Catheterization Case Type | | | | | | | | | | | | | | | | |
| Diagnostic | | | | | | | | | | | | | | | | |
| Interventional | | | | | | | | | | | | | | | | |
| Electrophysiological | | | | | | | | | | | | | | | | |
| Disposition Under Anesthesia¹ | | | | | | | | | | | | | | | | |
| Planned | | | | | | | | | | | | | | | | |
| Discharged after PACU/Recovery | | | | | | | | | | | | | | | | |
| Admit: Hosp. Floor | | | | | | | | | | | | | | | | |
| Admit: ICU | | | | | | | | | | | | | | | | |
| Other Location | | | | | | | | | | | | | | | | |
| Unplanned | | | | | | | | | | | | | | | | |
| Admit: Hosp. / ICU | | | | | | | | | | | | | | | | |
| Expired under Anesthetic Mgmt. | | | | | | | | | | | | | | | | |

¹Available with data versions 3.22 and 3.3 only

**STS Congenital Anesthesiology Report
Non Operative Catheterization Anesthesia Operations**

**Participant 99999
January 1, 2013 - December 31, 2016**

| | Participant | | | | STS | | | |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | Last Year | | Last 4 Years | | Last Year | | Last 4 Years | |
| | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2013 - Dec 2016 |
| | N | % | N | % | N | % | N | % |
| Number of Records | | | | | | | | |
| Type of Procedure | | | | | | | | |
| Diagnostic | | | | | | | | |
| Interventional | | | | | | | | |
| Electrophysiology | | | | | | | | |
| Age Group | | | | | | | | |
| Neonates (0-30 days) | | | | | | | | |
| Infants (31 days - 1 year) | | | | | | | | |
| Children (> 1 year - < 18 years) | | | | | | | | |
| Adults (18 years+) | | | | | | | | |
| Provider | | | | | | | | |
| Anesthesiologist Only | | | | | | | | |
| Anesthesiologist + Trainee | | | | | | | | |
| Anesthesiologist + Advanced Provider (CRNA/AA) | | | | | | | | |
| Adverse Events | | | | | | | | |
| Missing | | | | | | | | |
| None | | | | | | | | |
| Any Adverse Event | | | | | | | | |
| Oral/Nasal Injury-Bleeding | | | | | | | | |
| Respiratory Arrest | | | | | | | | |
| Difficult Intubation/Reintubation | | | | | | | | |
| Stridor / Sub-glottic Stenosis | | | | | | | | |
| Extubation | | | | | | | | |
| Endotracheal Tube Migration | | | | | | | | |
| Airway Injury | | | | | | | | |
| Arrhythmia - Central Venous Line Placement | | | | | | | | |
| Myocardial Injury - Central Venous Line Placement | | | | | | | | |
| Vascular Compromise - | | | | | | | | |
| Central Venous Line Placement | | | | | | | | |
| Pneumothorax - Central Venous Line Placement | | | | | | | | |
| Vascular Access | | | | | | | | |

**STS Congenital Anesthesiology Report
Non Operative Catheterization Anesthesia Operations**

**Participant 99999
January 1, 2013 - December 31, 2016**

| | Participant | | | | STS | | | |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | Last Year | | Last 4 Years | | Last Year | | Last 4 Years | |
| | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 |
| | N | % | N | % | N | % | N | % |
| Adverse Events - Continued | | | | | | | | |
| Hematoma req. relocation of catheter placement | | | | | | | | |
| Arterial Puncture | | | | | | | | |
| Intravenous/Intra-arterial Air Embolism | | | | | | | | |
| Bleeding - Regional Anesthetic Site | | | | | | | | |
| Intrathecal Puncture - Regional | | | | | | | | |
| Local Anesthetic Toxicity - Regional | | | | | | | | |
| Neurologic Injury - Regional | | | | | | | | |
| Anaphylaxis/Anaphylactoid Reaction | | | | | | | | |
| Non-allergic Drug Reaction | | | | | | | | |
| Medication Administration | | | | | | | | |
| Medication Dosage | | | | | | | | |
| Intraoperative Recall | | | | | | | | |
| Malignant Hyperthermia | | | | | | | | |
| Protamine Reaction | | | | | | | | |
| Cardiac Arrest - related to anesthesia care | | | | | | | | |
| Cardiac Arrest - Unrelated to anesthesia care ¹ | | | | | | | | |
| TEE related Esophageal Bleeding / Rupture | | | | | | | | |
| Esophageal Chemical Burn | | | | | | | | |
| TEE related Airway Compromise | | | | | | | | |
| TEE related Hemodynamic Compromise ² | | | | | | | | |
| TEE Related-Extubation | | | | | | | | |
| Complications during patient transfer | | | | | | | | |
| Peripheral Nerve injury due to positioning | | | | | | | | |
| Arterial Line Placement- Extremity ischemia ¹ | | | | | | | | |
| Anesthesia Equipment Malfunction/ Failure ¹ | | | | | | | | |
| Intravenous Infiltration ¹ | | | | | | | | |
| Integument Injury ¹ | | | | | | | | |
| Bronchospasm ¹ | | | | | | | | |
| Hemoptysis ¹ | | | | | | | | |
| Postop Nausea/Vomiting req. admission ¹ | | | | | | | | |
| Vomiting or Aspiration on Induction/Emergence ¹ | | | | | | | | |
| Emergence Delirium requiring Medication ¹ | | | | | | | | |
| Laryngospasm requiring medication ¹ | | | | | | | | |

¹Available with data versions 3.22 and 3.3 only

²Available with data version 3.3 only

**STS Congenital Anesthesiology Report
Non Operative Catheterization Anesthesia Operations**

**Participant 99999
January 1, 2013 - December 31, 2016**

| | Participant | | | | STS | | | |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | Last Year | | Last 4 Years | | Last Year | | Last 4 Years | |
| | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2016 - Dec 2016 | Jan 2013 - Dec 2016 | Jan 2013 - Dec 2016 |
| | N | % | N | % | N | % | N | % |
| Adverse Events - Continued | | | | | | | | |
| Unplanned need to remain intubated postprocedure due to anesthesia factors ¹ | | | | | | | | |
| Ocular Injury (corneal abrasion or injury) ¹ | | | | | | | | |
| Pulmonary Hypertensive Crisis ¹ | | | | | | | | |
| Hypercyanotic Episode (Tet Spell) ¹ | | | | | | | | |
| Other ¹ | | | | | | | | |

¹Available with data versions 3.22 and 3.3 only