STS Adult Cardiac Database Inclusion Document

General information – This document is provided to sites to assist in procedure inclusion. **It is not an all-inclusive list. I**f your procedure can not be found on the list, please send in a FAQ to determine if the procedure should be included in the Database.

Required Cases in- conjunction with other CV surgery or stand-alone procedure.

1. CABG

2. 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
   - Prosthetic valve repair

3. Aorta - starting above diaphragm, includes dissections to include:
   - Aortic procedure, arch
   - Aortic procedure, ascending
   - Aortic procedure, descending
   - Aortic procedure, root
   - Aortic procedure, thoracoabdominal
   - Aortic Procedure, TEVAR
   - Aortic root procedure, valve sparing

4. Procedures performed on the heart, aorta, pulmonary arteries or veins and/or the intrathoracic inferior/superior vena cava to include:
   - 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)

5. A fibrillation 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...
    - Total thorascopic MAZE (thorascopic stand-alone maze)

6. ICD and Pacemaker Lead Extractions done by Cardiac Thoracic Surgeon

7. VAD in conjunction with CV surgery, performed anytime during same admission (pre, intra, or post-op).

8. Concomitant Procedures with Required Procedures

    a. Non-inclusive Examples:
        i. CAB + Valve
        ii. Aorta + Valve
        iii. Valve + Maze
        iv. CAB + Impella performed during same stay
        v. AVR + Aorta + VAD performed during same stay

'Optional' Cases- If an above required case is not performed during the same stay. The below optional stand-alone procedures can be entered into the ACSD at the discretion of the CV surgeon on your STS participation agreement. Sites are encouraged to check with surgeon to determine if they want these cases entered into the database. To enter these cases the physician performing these cases must be on the STS ACSD participation agreement.

If you are unsure about entering a case into the STS ACSD please send in a FAQ.

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

- TAVR / TMVR / Mitral clips
  Stand-alone Angiovac cases
  Stand-alone pericardial windows, pacemaker/ ICD insertions / lead insertions
  Lung Transplants
- Heart Transplants – All heart transplants should be entered into the UNOS registry. They are not required to be entered into the STS ACSD unless your surgeon would like the cases entered.