**STS Mitral Valve Surgeon Worksheet V2.9**

|  |
| --- |
| **Mitral Stenosis**: □Yes □No (If Yes →) Smallest Mitral Valve Area: \_\_\_\_\_\_\_\_\_\_cm2 Highest Mean Gradient: \_\_\_\_\_\_\_\_ mmHg |
| **Mitral Insufficiency:** □None □Trace/Trivial □Mild □Moderate □Severe |

**Mitral Disease Etiology**

|  |  |
| --- | --- |
| □Myxomatous degeneration/Prolapse  □Endocarditis  □Rheumatic  □Ischemic: □Acute (MI ≤ 21 days) □Chronic (MI ˃ 21 days)  □Cardiomyopathy: □Non-ischemic □Hypertrophic obstructive  □Tumor: □Carcinoid □Myxoma  □Papillary fibroelastoma □Other | □Trauma  □Carcinoid  □Congenital  □Pure annular dilatation  □Reoperation for failure of previous MV repair/replacement  □Mixed etiology |

**Mitral Lesion**

|  |  |
| --- | --- |
| □Leaflet prolapse: □Posterior □Bi-leaflet □Anterior  □Papillary muscle: □Elongation □Rupture  □Mixed lesion | □Leaflet: □Calcification □Perforation/Hole □Thickening □Retraction  □Annular dilatation  □Commissural fusion |
| □Chordal: □Elongation/Rupture/Failure □Tethering □Thickening/Retraction/Fusion | |

**Procedure Performed**

**Repair (If Repair↓)**

|  |  |
| --- | --- |
| Repair approach: □Surgical (If Surgical select all that apply↓) □Transcatheter | |
| □Annuloplasty □Annular decalcification/debridement □Foldingplasty □Slidingplasty | |
| □Leaflet resection:  VSMitRLeafRes (3510)  Resection type: □Triangular □Quadrangular □Other  □ Anterior resection: Location: □A1 □A2 □A3  □ Posterior resection: Location: □P1 □P2 □P3  □ Commissure resection: Location: □Medial (C2) □Lateral (C1) □Both  □Leaflet extension/replacement patch: Patch location: □Anterior □Posterior □Both | |
| □Neochords (PTFE): | |
| □Anterior Neochords: Location: □A1 □A2 □A3  □Posterior Neochords: Location: □P1 □ P2 □P3  □Commissure Neochords: Location: □Medial (C2) □Lateral (C1) □Both | |
| □Chordal/Leaflet transfer  □Anterior Chordal/Leaflet transfer: Location: □A1 □A2 □A3  □Posterior Chordal/Leaflet transfer: Location: □P1 □P2 □P3  □Commissure Chordal/Leaflet transfer: Location: □Medial (C2) □ Lateral (C1) □Both | |
| □Edge to edge repair  □Mitral commissurotomy  □Mitral commissuroplasty | □Mitral cleft repair  □Mitral paraprosthetic leak repair |

|  |
| --- |
| □Mitral repair attempted prior to replacement  □Mitral chords preserved: □Anterior □Posterior □Both  □Transcatheter replacement  □Implant: (If Yes →) Implant type: □Mechanical valve □Bioprosthetic valve □Annuloplasty device □Mitral Leaflet clip  □Transcatheter device □Surgically implanted transcatheter device □Other  Implant Model:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Implant Size:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Replacement (If Replacement↓)**

|  |
| --- |
| **Aortic Assessment (epiaortic ultrasound or echo):**  🞎 Concentric Calcification 🞎 Normal Aorta 🞎 Extensive Intimal Thickening  🞎 Protruding Atheroma < 5mm 🞎 Protruding Atheroma ≥ 5m 🞎 Mobile Plaques |
| **Did Aortic Assessment Alter Operative Plan?** 🞎 Yes 🞎 No |