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

<table>
<thead>
<tr>
<th>Mitral Stenosis: □ Yes □ No (If Yes →)</th>
<th>Smallest Mitral Valve Area: _______ cm²</th>
<th>Highest Mean Gradient: _______ mmHg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mitral Insufficiency: □ None □ Trace/Trivial □ Mild □ Moderate □ Severe</td>
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</tbody>
</table>

**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
- □ Commisural 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:
  - □ Anterior resection: □ A1 □ A2 □ A3
  - □ Posterior resection: □ P1 □ P2 □ P3
  - □ Commisure resection: □ Medial (C2) □ Lateral (C1) □ Both
- □ Leaflet extension/replacement patch: □ Anterior □ Posterior □ Both
- □ Neochords (PTFE):
  - □ Anterior Neochords: □ A1 □ A2 □ A3
  - □ Posterior Neochords: □ P1 □ P2 □ P3
  - □ Commissure Neochords: □ Medial (C2) □ Lateral (C1) □ Both
- □ Chordal/Leaflet transfer:
  - □ Anterior Chordal/Leaflet transfer: □ A1 □ A2 □ A3
  - □ Posterior Chordal/Leaflet transfer: □ P1 □ P2 □ P3
  - □ Commissure Chordal/Leaflet transfer: □ Medial (C2) □ Lateral (C1) □ Both
- □ Edge to edge repair
- □ Mitral commissurotomy
- □ Mitral commissuroplasty
- □ Mitral cleft repair
- □ Mitral paraprosthetic leak repair

**Replacement (If Replacement↓)**

- □ 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: __________________________ |

**Aortic Assessment (epiaortic ultrasound or echo):**

- □ Concentric Calcification □ Normal Aorta □ Extensive Intimal Thickening
- □ Protruding Atheroma < 5mm □ Protruding Atheroma ≥ 5mm □ Mobile Plaques

**Did Aortic Assessment Alter Operative Plan?** □ Yes □ No