

## MITRAL CLIP PROCEDURE EQUIPMENT REFERENCE

1. CONFIRM BLOOD ON DEMAND
2. Femoral sheaths (sizes as per MD)
3. Dilators (12, 14, 16) (*if* required)
4. Transseptal Sheath (SRO) and Guidewire-**EP storage room**
5. Transseptal Needle (BRK) 71cm -from **ROOM 4**
6. Mustang Balloon (size as per MD)
7. Protrack Pigtail wire
8. Transducer for simultaneous pressures [Qty: 2 required]
9. Extra stiff or Super stiff wires (*if* required)
10. Balloon wedge catheter, possibly coronary catheters
11. Sterile scissors, Pickups x2 and needle driver and mosquitos
12. Zero silk x 3
13. Perclose x 2
14. 22fr 20cm dilator
15. Sterile IV extension tubings [Qty: 2 required]
16. Table cover and drape tape for end of the bed

### FOR MITRAL CLIP SYSTEM: (2<sup>nd</sup> table)

17. Abbott Steerable Guide Catheter SGC0101
18. Abbott Clip Delivery System CDS0201
19. Abbott Vascular Lift LFT01ST Lift
20. Abbott Vascular Support Plate PLT01ST Support Plate
21. Sterile System Stabilizer SZR01ST [Qty: 1required] (**remove and discard black screw at the END of procedure**)
22. Biohazard Bag Kits
23. High-pressure three-way stopcocks [Qty: 6 required]
24. Arterial high-pressure extension tubing [Qty: 3 *if* required]
25. 60 cc syringes with luer fitting [Qty: 2 required]
26. Pressure bags [Qty: 2 required]
27. Heparinized sterile saline solution (1-liter bag) [Qty: 3 required]  
(2 bags in pressure bags)
28. Sterile IV tubing with thumbwheel occluders [Qty: 2 required] – **clean utility room**
29. Rolling IV Pole
30. Square basin on 2<sup>nd</sup> table
31. Tegaderms

### OTHER EQUIPMENT REQUIRED

32. Foam to insulate metal plate
33. Tape measure

### Procedure Flow in Brief (based on first procedure)

- Anaesthesia preparation
- Patient intubated
- Confirm that there is blood on demand
- Foley catheter insertion (if required)
- Foam placed under patient knees and heels
- Plate placed mid-thigh to foot
- Lift placed over right knee-80cm from mid sternum
- Cannulate femoral veins and femoral artery
- Sheaths sutured
- Two transducers zeroed for simultaneous pressures
- TEE probe inserted
- Possible coronary angios
- Right heart pressures and Oxygen sats of Fa, PA and LA performed
- Transeptal needle advanced across septum
- Mustang balloon advanced to dilate septostomy
- LA pressures and oximetry recorded
- Heparin to be given after successful septal puncture
- Pigtail wire( Inoue wire) advanced into LA
- Mitral Clip on delivery system advanced
- Mitral Clip advanced on delivery system under TEE guidance
- Clip advanced via LA to Mitral Valve and across Mitral Valve
- Valve visualized under 3D imaging and TEE
- Mitral Clip positioned under 3D and TEE
- Clip opened and then deployed
- Position confirmed by TEE
- Deployment device carefully removed
- Perclose secured x2 RFV