**Table II: Hemodynamic Trend in Cardiac Catheterization Lab**

|  |  |  |  |
| --- | --- | --- | --- |
| **Hemodynamic Measurement** | **Initial Cardiac Hemodynamics** | **Post Impella CP Placement** | **Post Bi-Pella Placement** |
| Right Atrial Pressure (mmHg) | 28 | 26 | 22 |
| Right Ventricular Pressure (mmHg) | 50/19 | n/a | 39/10 |
| Pulmonary Artery Pressure (mmHg) | 54/39 (45) | 51/32 (40) | 45/22 (33) |
| Pulmonary Capillary Wedge  Pressure (mmHg) | 27 | 25 | 25 |
| Pulmonary Artery Saturation (%) | 29.6 | 57.1 | n/a |
|  | | | |
| Left Ventricular Pressure (mmHg) (LVEDP) | 104/20 (28) | n/a | n/a |
| Aortic Pressure (mmHg) (MAP) | 96/86 (83) | 100/78 (86) | 101/72 (82) |
| Aortic Saturation (%) | 86.9 | 86.9 | n/a |
|  | | | |
| **Calculated Values** | | | |
| Stroke Volume (mL/beat) | 28.1 | 47.8 | n/a |
| RV Stroke Work Index | 3.19 | 4.48 | n/a |
| RA/PCWP | 1.03 | 1.04 | 0.88 |
| Cardiac Output (L/min) | 2.8 | 5.3 | n/a |
| Cardiac Index (L/(min\*m^2) | 1.4 | 2.6 | n/a |
| Systemic Vascular Resistance (dynes) | 1571 | 905 | n/a |
| Pulmonary Vascular Resistance (woods units) | 6.4 | 2.82\* | n/a |
|  | | | |
| \*assume LAP = PCWP | | | |