**Supplemental Table 1**

|  |  |  |  |
| --- | --- | --- | --- |
|  | No PPI | New PPI | P-value |
| Age | 80.0 (76.3-84.0) | 75.6 (71.6-85.0) | 0.19 |
| Male Gender | 27 (40.9) | 4 (40.0) | 0.96 |
| BMI | 26.8 (22.2-33.0) | 33.8 (30.1-35.6) | 0.07 |
| **Indication PRECISE** |  |  | **0.01** |
| Bicuspid Aortic valve | 15 (22.7) | 1 (10.0) |  |
| small annulus | 8 (12.1) | 5 (50.0) |  |
| severe tricuspid aortic valve calcification | 43 (54.2) | 4 (40.0) |  |
| **ECG** |  |  |  |
| Rhythm |  |  | 0.71 |
| sinus rhythm | 55 (83.3) | 7 (70.0) |  |
| Atrial fibrillation | 11 (16.7) | 3 (30.0) |  |
| AV block |  |  |  |
| 1st degree AVB | 10 (15.2) | 0 | 0.17 |
| Bundle Branch Block |  |  | 0.12 |
| LBBB | 4 (6.2) | 2 (20.0) |  |
| RBBB | 5 (7.7) | 2 (20.0) |  |
| **Valve Size** |  |  | 0.52 |
| 23 | 3 (4.5) | 1 (10.0) |  |
| 26 | 21 (31.8) | 3 (30.0) |  |
| 29 | 32 (48.5) | 3 (30.0) |  |
| 34 | 10 (15.2) | 3 (30.0) |  |
| Implantation depth | 5.6±3.8 | 5.7±4.0 | 0.71 |

**Supplemental Table 2**

|  |  |  |
| --- | --- | --- |
|  | **Validated cut-off points** | |
|  | **CPI ≤14%** | **CPI >14%** |
| **New PPI** | 2 (4.3) | 5 (31.3) |
|  |  | |
|  | **PVL ≤16mL/s** | **PVL >16mL/s** |
| **> Trace PVL** | 11 (19.3) | 11 (61.1) |