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| **Table 1. Baseline and Operative Characteristics of the Patients.**   |  |  |  |  | | --- | --- | --- | --- | | **Characteristic n(%)** | **Repair** | **Replacement** | **P value** | | **Male sex** |  |  |  | | **Age** |  |  |  | | **White race** |  |  |  | | **Hispanic ethnic group** |  |  |  | | **Medical and surgical history** |  |  |  | | **Diabetes** |  |  |  | | **Renal insufficiency** |  |  |  | | **Previous CABG** |  |  |  | | **Previous PCI** |  |  |  | | **Heart failure** |  |  |  | | **Myocardial infarction** |  |  |  | | **Atrial fibrillation** |  |  |  | | **Implantable cardioverter–defibrillator** |  |  |  | | **Stroke** |  |  |  | | **Left ventricular ejection fraction** |  |  |  | | **Effective regurgitant orifice area (cm2)** |  |  |  | | **CCS angina scale Grade III or IV** |  |  |  | | **No angina** |  |  |  | | **NYHA class III or IV** |  |  |  | | **Minnesota Living with Heart Failure score** |  |  |  | | **Concomitant CABG** |  |  |  | | **STS Score** |  |  |  | | **COPD** |  |  |  |   **Table 2. Clinical End Points, Serious Adverse Events, and Hospitalizations at 30 Days and 1 Year.**   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Clinical End point** | **30 days** | | | **1 year** | | | | **Repair** | **Replacement** | **P** | **Repair** | **Replacement** | **p** | | **Death** |  |  |  |  |  |  | | **Stroke** |  |  |  |  |  |  | | **Worsening in NYHA class of ⩾1** |  |  |  |  |  |  | | **Rehospitalization for heart failure** |  |  |  |  |  |  | | **Mitral-valve reoperation** |  |  |  |  |  |  | | **Composite major adverse event** |  |  |  |  |  |  | | **Serious adverse event** |  |  |  |  |  |  | | **Heart failure** |  |  |  |  |  |  | | **Stroke** |  |  |  |  |  |  | | **Other neurologic dysfunction** |  |  |  |  |  |  | | **Myocardial infarction** |  |  |  |  |  |  | | **Renal failure** |  |  |  |  |  |  | | **Bleeding** |  |  |  |  |  |  | | **Arrhythmia** |  |  |  |  |  |  | | **Supraventricular** |  |  |  |  |  |  | | **Ventricular** |  |  |  |  |  |  | | **Localized infection** |  |  |  |  |  |  | | **Sepsis** |  |  |  |  |  |  | | **Respiratory failure** |  |  |  |  |  |  | | **Any rehospitalization** |  |  |  |  |  |  | | **Cardiac Readmission** |  |  |  |  |  |  | |  |  |  |  |  |  |  | |