

Procedural Mortality			Permanent Pacemaker		
Study	First Author	Valve Type Predictors	Study	First Author	Valve Type Predictors
Bagur et al.	Edwards	COPD LogEuroScore Pulmonary Artery Pressure Post procedural AKI	Jilaihawi et al.	Corevalve	Left axis deviation LBBB with LAD Diastolic IV septal dimension on TTE Baseline thickness of the native noncoronary cusp
Rodes-Cabau et al.	Edwards	Pulmonary HTN (PAP > 60mmHg) Severe MR Periprocedural hemodynamic support	Baan et al.	Corevalve	Smaller LV outflow tract Diameter Left Sided Cardiac Axis Mitral Annular Calcification Small postimplantation indexed effective orifice area
Clavel et al.	Edwards	Old age History of MI Prior open heart surgery Presence of MR Log EuroScore and STS score	Latsios et al.	Corevalve	Female sex Depressed EF DLZ calcification
Dewey et al.	Edwards	CAD Male sex BSA (protective)	Piazza et al.	Corevalve	Pre-treatment QRS duration RBBB Septal wall thickness
Piazza et al.	Corevalve	Logistic EuroScore Atrial fibrillation Diabetes mellitus	Haworth et al.	Corevalve	Operator experience Annulus size RBBB
Eltchaninoff et al.	Both	Success Rate Prior CABG	Ferreira et al.	CoreValve	Depth of prosthesis implantation RBBB
Webb et al.	Edwards	Transapical access CKD	Bleiziffer et al.	Both	Large valve in a small annulus CoreValve AV block instantly during valve implantation
Himbert et al.	Edwards	Operator experience	Erkapic et al.	Both	Pre-existing RBBB CoreValve
Pasic et al.	Edwards	Cardiogenic Shock BMI Maximal oxygen uptake	Roten et al.	Both	RBBB
Kefer et al.	Edwards	BNP	Left Bundle Branch Block		
Nuis et al.	Corevalve	AKI Postprocedural leucocyte count	Study	First Author	Valve Type Predictors
Sinning et al.	Corevalve	Post-TAVI AKI Pre-existing impaired renal function	Gutiérrez et al.	Edwards	Lower (ventricular) position of the valve
Acute Kidney Injury			Piazza et al.	Corevalve	Depth of prosthesis implantation
Study	First Author	Valve Type Predictors	Baan et al.	Corevalve	Depth of prosthesis implantation
Bagur et al.	Edwards	HTN COPD Perioperative blood transfusion	Piazza et al.	Corevalve	Male gender Previous MI Pre-existing RBBB CoreValve inflow portion diameter post-implantation Depth of implantation
Aregger et al.	Both	Transapical access Number of blood transfusions Postintervention thrombocytopenia Severe inflammatory response syndrome	Aortic Regurgitation		
Nuis et al.	CoreValve	Prior MI Periprocedural (24Hours) RBC transfusions Postprocedural (<72hours) leucocyte count Logistic EuroScore	Study	First Author	Valve Type Predictors
Sinning et al.	Corevalve	Peripheral arterial disease Systemic inflammatory response post-TAVI post-TAVI significant prosthetic valve regurgitation	Himbert et al.	Edwards	Large annulus diameter Patient height
			Detaint et al.	Edwards	Low cover index Operator experience
			John et al.	Corevalve	Device landing zone Calcium Score ≥ 3 Agatson score > 3000
			Sherif et al.	Corevalve	Increased LVOT-Ascending aorta angle Depth of the CoreValve
			Koos et al.	Both	Degree of calcification (Agatson Score > 3000)