

August 2026



**AMERICAN
COLLEGE of
CARDIOLOGY®**

**In Progress Projects Based on
STS/ACC TVT Registry**

August 2026

In Process, Unpublished NCDR Manuscripts

The following pages list current research and publications proposals that have been recently approved, are under analysis, are under manuscript development, or submitted to a journal for review/publication. Items are listed by registry and include the ID number and title.

STS/ACC TVT REGISTRY™

Manuscript Status	ID #	Lead Author	Title
Submitted	416	Siddharth Patel	Incidence, Predictors and Clinical Impact of Recovery in Left Ventricular Systolic Function after Transcatheter Aortic Valve Replacement: an analysis of the STS/ACC TVT Registry.
Submitted	517	Brennan	Outcomes of Transcatheter Aortic Valve Replacement for Primary Aortic Insufficiency
Submitted	547	Sammour	Impact of Coronary Artery Disease and Revascularization on Health Status After Transcatheter Aortic Valve Replacement: Insights from the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapies Registry
Submitted	577	John Suffredini	Racial and Ethnic Differences in the Utilization and Outcomes of Transcatheter Mitral Valve Repair
Submitted	688	Nickpreet Singh	Temporal trends, risk factors, and outcomes of patients with new left bundle branch block following transcatheter aortic valve replacement: Insights from the STS/ACC TVT Registry
Submitted	692	Andrew Vekstein	Outcomes of Sequential Transcatheter Aortic Valve Replacement and Edge-to-Edge Mitral Valve Repair
Submitted	725	Jingjing HE	Sex Specific TAVR Outcome in Bicuspid versus Tricuspid Aortic Stenosis: A Report from STS/TVT Registry

August 2026

Submitted	739	G. Michael Deeb	The relationship between site Joint Commission Stroke Certification Designation level and the incidence of stroke reporting in the ACC/STS National TVT Registry
Submitted	754	Sreek Vemulapalli	Creation and Internal Validation of a Risk Model to Predict Heart Failure Hospitalization and Death after TAVR
Submitted	805	Neel Butala	Applicability of TAVR Trials to Real-World Clinical Practice
Submitted	811	Mansi Maini	Use of Alternative Access for TAVR in Low and Intermediate Risk Patients with Class III/IV Obesity
Submitted	814	Sreekanth Vemulapalli	Clopdigorel vs. Aspirin in Patients Undergoing Transcatheter Aortic Valve Replacement
Submitted	912	Sean O'Brien	Linking the TVT Registry to Medicare Advantage and Fee-for-Service Claims: Feasibility, Accuracy, and Implications for Real-World Surveillance Infrastructure
Submitted	930	Husam M. Salah	Validity of Medicare Administrative Claims for Risk Adjustment and Hospital Performance After Transcatheter Aortic Valve Replacement
In Preparation	466	Michael Young	The Impact of Frailty on Outcomes in Patients Undergoing Transcatheter Mitral Valve Repair
In Preparation	484	John Saxon	Clinical Outcomes After Repeat MitraClip
In Preparation	553	Ahmed Kolkailah	The contribution of site characteristics and patient selection to variation in site TAVR outcomes
In Preparation	673	Little	Outcomes of Transcatheter Mitral Valve Repair in Patients with Recurrent Mitral Regurgitation After Surgical Mitral Valve Repair: A Report from the STS/TVT ACC Registry
In Preparation	765	Arjun Majithia	Validation of Novel Learning Curve Detection Tools within the NCDR TVT Registry
In Preparation	792	Jayakumar Sreenivasan	Staging classification of primary mitral regurgitation based on the extent of cardiac damage among patients undergoing trans catheter edge to edge repair - Insights from the STS/ACC TVT Registry
In Preparation	816	Nathan Matzko	The Role of Postprocedural Antithrombotic Therapy in Patients Undergoing Valve-in-valve Transcatheter Aortic Valve Replacement (ViV-TAVR): Insights from the NCDR STS/ACC TVT Registry

August 2026

In Preparation	821	Bhaskar Bhardwaj	Prevalence and impact of coronary artery disease (CAD) among patients undergoing transcatheter mitral edge to edge repair (M-TEER)
In Preparation	841	Tom Hu	Association of antithrombotic therapy with outcomes after transcatheter mitral valve edge-to-edge repair
In Preparation	854	Aneel Maini	Association of Socioeconomic Status, Site Metrics, and Outcomes Following Transcatheter Aortic Valve Replacement: Insights from the TVT Registry
In Preparation	866	Marco Frazzetto	Mitral transcatheter edge-to-edge repair in patients with prior mitral valve intervention
In Preparation	867	Marco Frazzetto	Transcatheter Edge-to-Edge Repair in Patients With Anatomically Complex Degenerative Mitral Regurgitation
In Preparation	889	Dharam Kumbhani	Long-term association between hospital and operator-level procedural volumes and outcomes for TAVR
In Preparation	901	Jaffar Khan	BASILICA trends and outcomes: insights from the STS/TVT registry
In Preparation	902	Jaffar Khan	LAMPOON Trends and Outcomes: insights from the STS/TCT Registry
In Preparation	932	Najam Saqib	National Trends, Utilization and Outcomes of TAVR in Patients with Bicuspid Stenosis and Native Regurgitation: Insights from the STS/ACC TVT Registry
In Preparation	960	Roxana Mehran	Diagnosis to Valve Time and Waiting-List Outcomes in Patients with Severe Aortic Stenosis: D2V Time
Analysis	741	Dhaval Kolte	Identifying Modifiable Practices Related to Outcome Variation and Enhancement in TAVR (IMPROVE TAVR)
Analysis	834	Eric Gnall	Hemodynamic Profiles of Pulmonary Hypertension in Patients Undergoing Transcatheter Edge-to-Edge Repair
Analysis	881	Diana Otero	Prognostic impact of transmitral gradient on clinical outcomes after transcatheter mitral valve replacement: Insights from the TVT registry
Analysis	890	Maxwell Braasch	Contemporary Trends and Outcomes of Surgical Bailout During Transcatheter Aortic Valve Replacement: An Analysis of the Transcatheter Valve Therapy (TVT) Registry

August 2026

Analysis	915	Vivek Bhat	Loss of Life Expectancy After Transcatheter Aortic Valve Replacement: Analysis of the STS/ACC TVT Registry
Analysis	950	Husam M. Salah	To validate 1-year cardiovascular event rates in Medicare Advantage (MA) and Fee for Service (FFS) data a) against adjudicated outcomes.
Analysis	957	Vinod H. Thourani	Annual TAVR Update
Analysis	959	Wayne Batchelor	Transcatheter Mitral Valve Therapies: U.S. Experience from the STS/ACC TVT Registry (2020-2026)
Analysis	983	Christina Lalani	Evaluating the Generalizability of COAPT Trial Treatment Effects on Health Status Patients to Real-World Patients Undergoing Mitral Transcatheter Edge-to-Edge Repair