

December 2025



AMERICAN  
COLLEGE of  
CARDIOLOGY®

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

**December 2025**

**In Process, Unpublished NCDR Manuscripts**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™**

<b>Manuscript Status</b>	<b>RPA ID #</b>	<b>Lead Author</b>	<b>Title</b>
Submitted	285	Arman Qamar	Change in Mitral Valve Gradient Following Mitraclip Repair and Correlation to 30-day and 1 year outcomes
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	466	Michael Young	The Impact of Frailty on Outcomes in Patients Undergoing Transcatheter Mitral Valve Repair
Submitted	517	Brennan	Outcomes of Transcatheter Aortic Valve Replacement for Primary Aortic Insufficiency
Submitted	577	John Suffredini	Racial and Ethnic Differences in the Utilization and Outcomes of Transcatheter Mitral Valve Repair
Submitted	608	Howard Julien	Development and validation of models for predicting risk of acute kidney injury in patients undergoing transcatheter aortic valve replacement: insights from the STS-ACC National Cardiovascular Data Registry TVT Registry
Submitted	630	Marc Allard-Ratick	The effect of transcatheter mitral valve repair on chronic kidney disease

## December 2025

Submitted	654	Kyeeun Park	Sex and race based difference with TMVR mortality and complications
Submitted	667	Nimesh Desai	Development of an unsuccessful 30-day outcome following MitraClip transcatheter mitral valve repair to support patient counseling and decision making
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	691	Andrew Vekstein	Early Outcomes of Commercial Transcatheter Tricuspid Valve Procedures in the Transcatheter Valve Therapies 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
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	773	Sundos Alabbadi	The Trend in Transcatheter Aortic Valve Replacement (TAVR) and Outcomes in Patients Younger than 65 Years Old
Submitted	781	Saket Girotra	Correlation between hospital and operator-level procedural volumes and outcomes for TAVR and MTEER
Submitted	783	Hiroki Ueyama	Contemporary Trends and Outcomes of Antithrombotic Strategies in Valve-in-Valve Transcatheter Aortic Valve Replacement
Submitted	791	Dennis Narcisse	Case volumes and Outcomes of Early Career Interventional Cardiologist performing TAVR in the United States
In Preparation	484	John Saxon	Clinical Outcomes After Repeat MitraClip
In Preparation	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

## December 2025

In Preparation	553	Ahmed Kolkailah	The contribution of site characteristics and patient selection to variation in site TAVR outcomes
In Preparation	759	Amit Vora	Institutional Volume and Failure to Rescue in Transcatheter Aortic Valve Replacement - Insights from the STS/ACC TVT Registry
In Preparation	805	Neel Butala	Applicability of TAVR Trials to Real-World Clinical Practice
In Preparation	811	Mansi Maini	Use of Alternative Access for TAVR in Low and Intermediate Risk Patients with Class III/IV Obesity
In Preparation	814	Sreekanth Vemulapalli	Clopidogrel vs. Aspirin in Patients Undergoing Transcatheter Aortic Valve Replacement
In Preparation	837	Christina Lalani	Identification of COAPT-Like Patients in the Real World: A Linked Trial-Claims Analysis
Analysis	792	Jayakumar Sreenivasan	Staging classification of primary mitral regurgitation based on the extent of cardiac damage among patients undergoing transcatheter edge to edge repair - Insights from the STS/ACC TVT Registry
Analysis	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
Analysis	821	Bhaskar Bhardwaj	Prevalence and impact of coronary artery disease (CAD) among patients undergoing transcatheter mitral edge to edge repair (M-TEER)
Analysis	841	Tom Hu	Association of antithrombotic therapy with outcomes after transcatheter mitral valve edge-to-edge repair
Analysis	854	Aneel Maini	Association of Socioeconomic Status, Site Metrics, and Outcomes Following Transcatheter Aortic Valve Replacement: Insights from the TVT Registry
Analysis	866	Marco Frazzetto	Mitral transcatheter edge-to-edge repair in patients with prior mitral valve intervention
Analysis	867	Marco Frazzetto	Transcatheter Edge-to-Edge Repair in Patients With Anatomically Complex Degenerative Mitral Regurgitation
Analysis	889	Dharam Kumbhani	Long-term association between hospital and operator-level procedural volumes and outcomes for TAVR

**December 2025**

Analysis	901	Jaffar Khan	BASILICA trends and outcomes: insights from the STS/TVT registry
Analysis	902	Jaffar Khan	LAMPOON Trends and Outcomes: insights from the STS/TCT Registry
On Hold	741	Dhaval Kolte	Identifying Modifiable Practices Related to Outcome Variation and Enhancement in TAVR (IMPROVE TAVR)
Contracting	673	Joe Aoun	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
Contracting	765	Arjun Majithia	Validation of Novel Learning Curve Detection Tools within the NCDR TVT Registry