

February 2025



**NCDR<sup>®</sup>**  
NATIONAL CARDIOVASCULAR DATA REGISTRY

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

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**In Process, Unpublished NCDR Manuscripts**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

Manuscript Status	RPA ID #	Lead Author	Title
Submitted	285	Arman Qamar	Change in Mitral Valve Gradient Following Mitraclip Repair and Correlation to 30-day and 1 year outcomes
Submitted	464	Tomo Ando	Comparative Outcomes of Direct Oral Anticoagulants Versus Vitamin K Antagonist After Transcatheter Aortic Valve Replacement; From the TVT Registry
Submitted	466	Michael Young	The Impact of Frailty on Outcomes in Patients Undergoing 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
Submitted	654	Kyeeun Park	Sex and race based difference with TMVR mortality and complications
Submitted	684	Ahmed Kolkailah	Hospital-Level Transcatheter Aortic Valve Replacement Performance With Simulated Risk Avoidance Strategies
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

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Submitted	696	Lillian Kang	Outcomes of Commercial Transcatheter Aortic Valve Replacement in Low-Risk Patients: An Analysis of the STS/ACC TVT Registry
Submitted	754	Sreek Vemulapalli	Creation and Internal Validation of a Risk Model to Predict Heart Failure Hospitalization and Death after TAVR
Submitted	846	Wessler	Comorbid Conditions and Patient Centered Outcomes after Transcatheter Aortic Valve Intervention
In Preparation	442	Vekstein	Resource Utilization and Costs Associated with Surgical Mitral Valve Repair After the Introduction of Transcatheter Repair-Aim2
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
In Preparation	553	Ahmed Kolkailah	The contribution of site characteristics and patient selection to variation in site TAVR outcomes
In Preparation	577	John Suffredini	Racial and Ethnic Differences in the Utilization and Outcomes of Transcatheter Mitral Valve Repair
In Preparation	691	Andrew Vekstein	Early Outcomes of Commercial Transcatheter Tricuspid Valve Procedures in the Transcatheter Valve Therapies Registry
In Preparation	692	Andrew Vekstein	Outcomes of Sequential Transcatheter Aortic Valve Replacement and Edge-to-Edge Mitral Valve Repair
In Preparation	725	Jingjing HE	Sex Specific TAVR Outcome in Bicuspid versus Tricuspid Aortic Stenosis: A Report from STS/TVT Registry
In Preparation	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
In Preparation	741	Dhaval Kolte	Identifying Modifiable Practices Related to Outcome Variation and Enhancement in TAVR (IMPROVE TAVR)
In Preparation	759	Amit Vora	Institutional Volume and Failure to Rescue in Transcatheter Aortic Valve Replacement – Insights from the STS/ACC TVT Registry

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In Preparation	773	Sundos Alabbadi	The Trend in Transcatheter Aortic Valve Replacement (TAVR) and Outcomes in Patients Younger than 65 Years Old
In Preparation	781	Saket Girotra	Correlation between hospital and operator-level procedural volumes and outcomes for TAVR and MTEER
Analysis	517	Brennan	Outcomes of Transcatheter Aortic Valve Replacement for Primary Aortic Insufficiency
Analysis	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
Analysis	765	Arjun Majithia	Validation of Novel Learning Curve Detection Tools within the NCDR TVT Registry
Analysis	783	Hiroki Ueyama	Contemporary Trends and Outcomes of Antithrombotic Strategies in Valve-in-Valve Transcatheter Aortic Valve Replacement
Analysis	791	Dennis Narcisse	Case volumes and Outcomes of Early Career Interventional Cardiologist performing TAVR in the United States
Analysis	805	Neel Butala	Applicability of TAVR Trials to Real-World Clinical Practice
Analysis	811	Mansi Maini	Use of Alternative Access for TAVR in Low and Intermediate Risk Patients with Class III/IV Obesity
Analysis	814	Sreekanth Vemulapalli	Clopidogrel vs. Aspirin in Patients Undergoing Transcatheter Aortic Valve Replacement
Analysis	837	Christina Lalani	Identification of COAPT-Like Patients in the Real World: A Linked Trial-Claims Analysis
External	839	Gloria Ayuba	Risk and Impact of Elevated Mitral Valve Gradient After Mitral Transcatheter Edge-to-Edge Repair (M-TEER) on Outcomes in Ventricular Functional Mitral Regurgitation: A TVT Registry Analysis
External	842	Ali Malik	Predictors of favorable outcomes in patients with low flow low gradient aortic stenosis after transcatheter aortic valve replacement
External	846		Comorbid Conditions and Patient Centered Outcomes after Transcatheter Aortic Valve Intervention
External	852	Ifeoma Ugonabo	Sex and Race Based Differences in Outcomes After Transcatheter Tricuspid Valve Interventions (TTVI): A TVT Registry Analysis

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