

December 2024



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

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

December 2024

**In Process, Unpublished NCDR Manuscripts**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

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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	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	667	Nimesh Desai	Development of an unsuccessful 30-day outcome following MitraClip transcatheter mitral valve repair to support patient counseling and decision making
Submitted	684	Ahmed Kolkailah	Hospital-Level Transcatheter Aortic Valve Replacement Performance With Simulated Risk Avoidance Strategies

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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	738	Bansal	Out-of-Hospital 30-Day Mortality After Transcatheter Edge-to-Edge Repair of Mitral Valve: Insights from 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	763	Zach Rozenbaum	Temporal improvement in procedural success and clinical outcome of TEER by etiology of mitral regurgitation
In Preparation	442	Vekstein	Resource Utilization and Costs Associated with Surgical Mitral Valve Repair After the Introduction of Transcatheter Repair-Aim2
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	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
In Preparation	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
In Preparation	691	George Yankey	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

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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
Analysis	484	John Saxon	Clinical Outcomes After Repeat MitraClip
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	773	Sundos Alabbadi	The Trend in Transcatheter Aortic Valve Replacement (TAVR) and Outcomes in Patients Younger than 65 Years Old
Analysis	781	Saket Girotra	Correlation between hospital and operator-level procedural volumes and outcomes for TAVR and MTEER
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	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