

May 2025



**AMERICAN  
COLLEGE of  
CARDIOLOGY®**

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

May 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**In Process, Unpublished NCDR Manuscripts**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         | 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         | 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         | 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  |

### May 2025

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|----------------|-----|-----------------|---|
| 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      | 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      | 846 | Wessler         | Comorbid Conditions and Patient Centered Outcomes after Transcatheter Aortic Valve Intervention   |
| 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 | 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   |
| 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  |

### May 2025

|          |     |                       |  |
|----------|-----|-----------------------|--|
| 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 | 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 | Clodigorel 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  |