

March 2024



NCDR[®]
NATIONAL CARDIOVASCULAR DATA REGISTRY

**Published Manuscripts From the
STS/ACC TVT Registry**

STS/ ACC TVT Registry

PUBLISHED

1. **505.** Vora A, Gada H, Manandhar P, et al. National Variability in Pacemaker Implantation Rate Following TAVR Insights From the STS/ACC TVT Registry. *JACC Interventions*. 2024.
2. **573.** Kumbhani DJ, Manandhar P, Bavry AA, et al. National variation in hospital MTEER outcomes and their correlation with hospital TAVR outcomes: A STS/ACC TVT Registry analysis. *JACC Intv*. 2024.
3. **598.** Chhatrwalla AK, Cohen DJ, Vemulapalli S, et al. Transcatheter Edge-to-Edge Repair in COAPT-Ineligible Patients with Functional Mitral Regurgitation. *JACC*. 2024.
4. **416.** Patel SM, Varshney AS, Stebbin A, et al. Ventricular Function and Outcomes after Transcatheter Aortic Valve Implantation. *Annals In Med*. 2023.
5. **479.** Nelson AJ, Wegermann ZK, Gallup D, et al. Modeling the Association of Volume vs Composite Outcome Thresholds with Outcomes and Access to Transcatheter Aortic Valve Implantation in the US. *JAMA Cardiol*. 2023.
6. **558.** Makkar RR, Chikwe J, Chakravarty T. Transcatheter Mitral Valve Repair for Degenerative Mitral Regurgitation. *JAMA*. 2023;329(20):1778-1788. doi:10.1001/jama.2023.7089.
7. **613.** Arnold SV, Manandhar P, Vemulapalli S, et al. Mediators of Improvement in TAVR Outcomes Over Time: Insights From the STS-ACC TVT Registry. *Circ: CI*. 2023.
8. **614.** Huded CP, Arnold SV, Cohen DJ, et al. Outcomes of Transcatheter Aortic Valve Replacement in Asymptomatic or Minimally Symptomatic Aortic Stenosis. *J Am Coll Cardiol Intv*. 2023 Nov, 16 (21) 2631–2641.
9. **645.** Varshney AS, Shah M, Vemulapalli S, et al. Heart Failure Medical Therapy Prior to Mitral Transcatheter Edge-to-Edge Repair: The STS/ACC Transcatheter Valve Therapy Registry. *EHI*. 2023.
10. **683.** Bansal K, Soni A, Shah M, et al. Association Between Polyvascular Disease and Transcatheter Aortic Valve Replacement Outcomes: Insights from the STS/ACC TVT Registry. *Circ: CI*. 2023.
11. **724.** Goel K, Shah P, Jones BM, et al. Outcomes of transcatheter aortic valve replacement in patients with cardiogenic shock. *EHI*. 2023.
12. **342.** Kaneko T, Hirji SA, Sun Y, et al. Association Between Peripheral Versus Central Access for Alternative Access Transcatheter Aortic Valve Replacement and Mortality and Stroke: A Report from the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. *Circ: CI*. 2022.
13. **467.** Kaneko T, Vemulapalli S, Kohsaka S, et al. Practice Patterns and Outcomes of Transcatheter Aortic Valve Replacement in the United States and Japan: A Report from Joint Data Harmonization Initiative of STS/ACC TVT and J-TVT. *JAHA*. 15 March 2022.
14. **474.** Lowenstern A, Hung A, Manandhar P, et al. Association of TAVR Reimbursement, New Technology Add-on Payment, and Procedure Volumes with Embolic Protection Device Use: A Report from the STS/ACC TVT Registry. *JAMA Cardiol*. August 17, 2022. doi:10.1001/jamacardio.2022.2608.

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15. **508.** Chung CJ, Kaneko T, Tayal R, et al. Percutaneous versus surgical transaxillary access for transcatheter aortic valve replacement: a propensity-matched analysis of the US experience. *EuroInterventions*. 2022.
16. **548.** Simard T, Vemulapalli S, Jung RG, et al. Transcatheter Edge-to-Edge Mitral Valve Repair in Patients with Severe Mitral Regurgitation and Cardiogenic Shock. *JACC* Sep 2022.
17. **559.** Mack M, Carroll JD, Thourani V, et al. Transcatheter Mitral Valve Therapy in the United States: A Report from the STS/ACC TVT Registry. *Ann Thorac Surg*. 2022 Jan.
18. **636.** Bernacki GM, Starks H, Krishnaswami A, et al. Peri-procedural code status for transcatheter aortic valve replacement: Absence of program policies and standard practices. *J Am Geriatr Soc*. 2022 Aug 9.
19. **640.** Simonato M, Vemulapalli S, Ben- Yehuda O, et al. Minimum Core Data Elements for Evaluation of TAVR A Scientific Statement by PASSION CV, HVC, and TVT Registry. *JACC*. 2022.
20. **176.** Arnold SV, Manandhar P, Vemulapalli S, et al. Patient-Reported Versus Physician-Estimated Symptoms Before and After TAVR. *Eur Heart J Qual Care Clin Outcomes*. 2021.
21. **353.** Villablanca PA, Vemulapalli S, Stebbins A, et al. Sex-Based Differences in Outcomes with Percutaneous Transcatheter Repair of Mitral Regurgitation with the MitraClip System: Transcatheter Valve Therapy Registry From 2011 to 2017. *Circ: CI*. 2021.
22. **374.** Anwaruddin S, Desai N, Vemulapalli S, et al. Out-of-Hospital 30-Day Mortality After Transfemoral Transcatheter Aortic Valve Replacement: An STS/ACC TVT Analysis. *JACC: Cardiovascular Interventions Evaluating*. 2021.
23. **409.** Valle JA, Li Z, Kosinski AS, et al. Dissemination of Transcatheter Aortic Valve Replacement in the United States. *JACC*. 2021 Aug 24.
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26. **440.** Julien HM, Stebbins A, Vemulapalli S, et al. Incidence, Predictors, and Outcomes of Acute Kidney Injury in Patients Undergoing Transcatheter Aortic Valve Replacement Insights from the Society of Thoracic Surgeons/American College of Cardiology National Cardiovascular Data Registry–Transcatheter Valve Therapy Registry. *Circ*. 2021.
27. **450.** Thourani VH, Edelman J, Holmes SD, et al. The International Society for Minimally Invasive Cardiothoracic Surgery Expert Consensus Statement on Transcatheter and Surgical Aortic Valve Replacement in Low- and Intermediate-Risk Patients: A Meta-Analysis of Randomized and Propensity-Matched Studies. *Innovations*. 2021.
28. **455.** Desai ND, O'Brien S, Cohen DJ, et al. A Composite Metric for Benchmarking Site Performance in TAVR: Results from the STS/ACC TVT Registry. 2021. <https://doi.org/10.1161/CIRCULATIONAHA.120.051456>.
29. **456.** Tang GHL, Sengupta A, Alexis SL, et al. Outcomes of Prosthesis-Patient Mismatch Following Supra-Annular Transcatheter Aortic Valve Replacement: From the STS/ACC TVT Registry. *JACC*. 2021.

30. **472.** Butala NM, Makkar R, Secemsky EA, et al. Cerebral Embolic Protection and Outcomes of Transcatheter Aortic Valve Replacement: Results from the TVT Registry. *Circulation*. 2021 Feb 23. doi: 10.1161/CIRCULATIONAHA.120.052874.
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37. **209.** Masha L, Vemulapalli S, Manandhar P, et al. Demographics, Procedural Characteristics, and Clinical Outcomes When Cardiogenic Shock Precedes TAVR in the United States. *JACC: CARDIOVASCULAR INTERVENTIONS VOL. 13, NO. 11, 2020 Clinical Outcomes When Cardiogenic Shock Precedes TAVR in the U.S. JUNE 8, 2020: 1314 – 2 5*.
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39. **253.** Bhardwaj B, Cohen DJ, Vemulapalli S, et al. Outcomes of transcatheter aortic valve replacement for patients with severe aortic stenosis and concomitant aortic insufficiency: Insights from the TVT Registry. *AHJ*. 2020.
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42. **296.** Al-Bawardy R, Vemulapalli S, Thourani VH, et al. Association of Pulmonary Hypertension with Clinical Outcomes of Transcatheter Mitral Valve Repair. *JAMA Cardiol*. 2020; 5(1):47–56. doi:10.1001/jamacardio.2019.4428.
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51. **133.** Vemulapalli S, Dai D, Hammill BG, et al. Hospital Resource Utilization Before and After Transcatheter Aortic Valve Replacement: The STS/ACC TVT Registry. *JACC*. 2019.
52. **156.** Pineda AM, Harrison JK, Kleiman N, et al. Incidence and Outcomes of Surgical Bailout during TAVR: Insights from the STS/ACC TVT Registry. *JACC CI*. 2019.
53. **186.** Wang A, Li Z, Rymer JA, et al. Relation of Post discharge Care Fragmentation and Outcomes in Transcatheter Aortic Valve Implantation from the STS/ACC TVT Registry. *AJC*. 2019.
54. **194.** Rymer JA, Xiang Q, Wang A, et al. Factors Associated with and Outcomes of Aborted Procedures During Elective Transcatheter Aortic Valve Replacement. *JACC CI*. 2019.
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58. **240.** Baron SJ, Magnuson EA, Lu M, et al. Health Status After Transcatheter Versus Surgical Aortic Valve Replacement in Low-Risk Patients with Aortic Stenosis. JACC. 2019.
 59. **244.** Qintar M, Li Z, Vemulapalli S, et al. Association of Smoking Status with Long-Term Mortality and Health Status After Transcatheter Aortic Valve Replacement: Insights from the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. JAHA. 2019.
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