

# Published Manuscripts From the STS/ACC TVT Registry

## STS/ ACC TVT Registry

#### **PUBLISHED**

- 1. **480.** Kolte D, Marquis-Gravel G, Stebbins A, et al. Temporal Trends in 1-Year Cause-Specific Mortality After TAVR Insights From the STS/ACC TVT Registry. JACC: CARDIOVASCULAR INTERVENTIONS. 2025.
- 2. **696.** Kang L, Vekstein A, et al. Outcomes of Transcatheter Aortic Valve Replacement in Low-Risk Patients in the United States: A Report from the STS/ACC TVT Registry. Circ. 2025.
- 3. **738.** Bansal K, Rawlley B, Majmundar V, et al. Out-of-Hospital Thirty-Day Mortality After Transcatheter Edge-to-Edge Repair of Mitral Valve: Insights from the STS/ACC TVT Registry. JACC: CI. 2025.
- 4. **763.** Rozenbaum Z, Vemulapalli S, Kosinski A, et al. Temporal Changes in Procedural Success and Clinical Outcomes of MTEER by Mechanism of MR: Analysis of the STS/TVT Registry. Circ: Interventions. 2025.
- 5. **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.
- 6. **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.
- 7. **576.** Kherallah RY, Siffredini JM, Rahman F, et al. Impact of Elevated Gradients After Transcatheter Aortic Valve Implantation for Degenerated Surgical Aortic Valve Bioprostheses. Circ: Interventions. 24 May 2024. https://doi.org/10.1161/CIRCINTERVENTIONS.123.013558.
- 8. **598.** Chhatriwalla AK, Cohen DJ, Vemulapalli S, et al. Transcatheter Edge-to-Edge Repair in COAPT-Ineligible Patients with Functional Mitral Regurgitation. JACC. 2024.
- 9. **635.** Sammour YM, Cohen DJ, Arnold S, et al. Association of Baseline Tricuspid Regurgitation with Health Status and Clinical Outcomes After TAVR Q1 and Mitral TEER. JACC Interventions. 2024.
- 10. **638.** Harvey JE, Puri R, Grubb KJ, et al. Decreasing pacemaker implantation rates with Evolut supra-annular transcatheter aortic valves in a large real-world registry. Cardiovascular Revascularization Medicine. 2024.
- 11. **672.** Kumar A, Ahmad IA, Flaherty JD, et al. Contemporary Outcomes of TAVR Using a Balloon-Expandable Valve in Patients With Severe Mitral Stenosis: Insights From the Transcatheter Valve Therapies Registry. Circ Cardiovasc Interv. 2024 Dec;17(12):e014216.
- 12. **678.** Coylewright M, Grubb KJ, Arnold SV, et al. Outcomes of Balloon-Expandable Transcatheter Aortic Valve Replacement in Younger Patients in the Low-Risk Era. JAMA Card. 2024.
- 13. **681.** Guerrero, M, Bapat, V, Mahoney, P. et al. Contemporary 1-Year Outcomes of Mitral Valve-in-Ring With Balloon-Expandable Aortic Transcatheter Valves in the U.S. J Am Coll Cardiol Intv. 2024 Apr, 17 (7) 874–886.https://doi.org/10.1016/j.jcin.2024.02.012.
- 14. **686.** Singh N, Cohen DJ, Shah MA, et al. Trends, Predictors, and Outcomes of Bleeding Complications After Mitral Transcatheter Edge-to-Edge Repair TVT Registry Insights. JACC: CI. 2024.

- 15. **693.** Sammour YM, Cohen DJ, Arnold S, et al. Association of Baseline Tricuspid Regurgitation With Health Status and Clinical Outcomes After TAVR and Mitral TEER. JACC: Cl. 2024.
- 16. **722.** Goel K, Makkar R, Krishnaswamy A, et al. Contemporary Outcomes and Trends for the Transseptal Mitral Valve-in-Valve Procedure Using Balloon Expandable Transcatheter Valves in the United States. Circ. 2024.
- 17. **723.** Butala NM, Kapadia S, Secemsky, EA, et al. Impact of Cerebral Embolic Protection Devices on Disabling Stroke After Transcatheter Aortic Valve Replacement: Updated Results from the STS/ACC TVT Registry. Circ: Interv. 2024.
- 18. **733.** Huded CP, Chhatriwalla AK, Shah MA, et al. Mitral Transcatheter Edge-to-Edge Repair for Secondary Mitral Regurgitation With Preserved Left Ventricular Function. JACC Interventions. JACC: CI. 2024.
- 19. **Industry 1.** Stinis CT, Abbas AE, Teirstein P, et al. Real-World Outcomes for the Fifth-Generation Balloon Expandable Transcatheter Heart Valve in the United States. J Am Coll Cardiol Intv. 2024 Apr, 17 (8) 1032–1044.
- 20. Industry 2. Marvin H. Eng, Houman Khalili, John Vavalle, et al. 3-Year Outcomes of Balloon-Expandable Valves: 20-mm vs Larger Valves (≥23 mm). J Am Coll Cardiol Intv. 2024 Sep, 17 (17) 2041–2051.
- 21. **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.
- 22. **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.
- 23. **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.
- 24. **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.
- 25. **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. EHJ. 2023.
- 26. **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: Cl. 2023.
- 27. **724.** Goel K, Shah P, Jones BM, et al. Outcomes of transcatheter aortic valve replacement in patients with cardiogenic shock. EHJ. 2023.
- 28. **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: Cl. 2022.
- 29. **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.

- 30. **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.
- 31. **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.
- 32. **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.
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- 34. **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.
- 35. **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.
- 36. **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.
- 37. **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: Cl. 2021.
- 38. **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.
- 39. **409.** Valle JA, Li Z, Kosinski AS, et al. Dissemination of Transcatheter Aortic Valve Replacement in the United States. JACC. 2021 Aug 24.
- 40. **417.** Tanawuttiwat T, Stebbins A, Marquis-Gravel G, et al. Use of Direct Oral Anticoagulant and Outcomes in Patients with Atrial Fibrillation after Transcatheter Aortic Valve Replacement: Insights From the STS/ACC TVT Registry. JAHA. 31 Dec 2021.
- 41. **422.** Hejjaji V, Cohen DJ, Carroll JD, et al. Practical Application of Patient-Reported Health Status Measures for Transcatheter Valve Therapies Insights from the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapies Registry. Circ: CO. 2021.
- 42. **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.
- 43. **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.

- 44. **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.
- 45. **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.
- 46. **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.
- 47. **509.** Nazif TM, Cahill TJ, Daniels D, et al. Real-World Experience with the SAPIEN 3 Ultra Transcatheter Heart Valve: A Propensity-Matched Analysis from the United States. Circ Cl. 2021.
- 48. **561.** Makkar RR, Yoon SH, Chakravarty T, et al. Association Between Transcatheter Aortic Valve Replacement for Bicuspid vs Tricuspid Aortic Stenosis and Mortality or Stroke Among Patients at Low Surgical Risk. JAMA. 21 Sep 2021.
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- 53. **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 25.
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- 58. **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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- 65. **593.** Forrest JK, Kaple RK, Tang GHL, et al. Three Generations of Self-Expanding Transcatheter Aortic Valves. J Am Coll Cardiol Intv. 2020 Jan, 13 (2) 170-179.
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- 85. **399.** Arnold S, Manandhar P, Vemulapalli S, et al. Impact of short-term complications of transcatheter aortic valve replacement on longer-term outcomes: results from the STS/ACC Transcatheter Valve Therapy Registry. European Heart Journal Quality of Care and Clinical Outcomes. 2019.

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