

December 2024



NCDR[®]
NATIONAL CARDIOVASCULAR DATA REGISTRY

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

December 2024

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 Interv*. 2024.
3. **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>.
4. **598.** Chhatriwalla AK, Cohen DJ, Vemulapalli S, et al. Transcatheter Edge-to-Edge Repair in COAPT-Ineligible Patients with Functional Mitral Regurgitation. *JACC*. 2024.
5. **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.
6. **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.
7. **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 Interv*. 2024 Apr, 17 (7) 874–886. <https://doi.org/10.1016/j.jcin.2024.02.012>.
8. **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: CI*. 2024.
9. **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.
10. **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.
11. **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 Interv*. 2024 Apr, 17 (8) 1032–1044.
12. **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 Interv*. 2024 Sep, 17 (17) 2041–2051.
13. **416.** Patel SM, Varshney AS, Stebbin A, et al. Ventricular Function and Outcomes after Transcatheter Aortic Valve Implantation. *Annals In Med*. 2023.
14. **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.
15. **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.
16. **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.
17. **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 Interv*. 2023 Nov, 16 (21) 2631–2641.

18. **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.
19. **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.
20. **724.** Goel K, Shah P, Jones BM, et al. Outcomes of transcatheter aortic valve replacement in patients with cardiogenic shock. *EHJ*. 2023.
21. **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.
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24. **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.
25. **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.
26. **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.
27. **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.
28. **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.
29. **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.
30. **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.
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- Society of Thoracic Surgeons/American College of Cardiology National Cardiovascular Data Registry–Transcatheter Valve Therapy Registry. *Circ*. 2021.
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<https://doi.org/10.1161/CIRCULATIONAHA.120.051456>.
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 49. **256.** Guerrero M, Vemulapalli S, Xiang Q, et al. Thirty-Day Outcomes of Transcatheter Mitral Valve Replacement for Degenerated Mitral Bioprostheses (Valve-in-Valve), Failed Surgical Rings (Valve-in-Ring), and Native Valve with Severe Mitral Annular Calcification (Valve-in-Mitral Annular

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 57. **458.** Whisenant B, Kapadis S, Eleid M, et al. One-Year Outcomes of Mitral Valve-in-Valve Using the SAPIEN 3 Transcatheter Heart Valve. *JACC*. 2020.
 58. **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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 60. **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.
 61. **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.
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December 2024

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December 2024

85. **140.** McCarthy FH, Vemulapalli S, Zhuokai L, et al. The Association of Tricuspid Regurgitation with Transcatheter Aortic Valve Replacement Outcomes: A Report from The Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. *ATS*. March 2018.
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December 2024

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December 2024