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NCDR[®]
NATIONAL CARDIOVASCULAR DATA REGISTRY

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

TVT Registry

PUBLISHED

1. **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.
2. **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.
3. **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.
4. **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.
5. **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.
6. **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.
7. **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.
8. **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.
9. **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.
10. **409.** Valle JA, Li Z, Kosinski AS, et al. Dissemination of Transcatheter Aortic Valve Replacement in the United States. *JACC*. 2021 Aug 24.
11. **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.
12. **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.
13. **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.
14. **450.** Thourani VH, Edelman J, Holmes SD, et al. The International Society for Minimally Invasive Cardiothoracic Surgery Expert Consensus Statement on Transcatheter and

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- Surgical Aortic Valve Replacement in Low- and Intermediate-Risk Patients: A Meta-Analysis of Randomized and Propensity-Matched Studies. *Innovations*. 2021.
15. **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>.
 16. **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.
 17. **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.
 18. **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.
 19. **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.
 20. **592.** Dallan LAP, Forrest JK, Reardon MJ, et al. Transcatheter Aortic Valve Replacement with Self-Expandable Supra-Annular Valves for Degenerated Surgical Bioprostheses: Insights from Transcatheter Valve Therapy Registry. *JAHA*. 2021.
 21. **101.** Halim S, Edwards FH, Dai D, et al. Outcomes of Transcatheter Aortic Valve Replacement in Patients with Bicuspid Aortic Valve Disease A Report from the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. *Circulation*. 26 Feb 2020. <https://doi.org/10.1161/CIRCULATIONAHA.119.040333>.
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 24. **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*.
 25. **236.** Thourani V, Kelly J, et al. Cervantes DG, et al. Transcatheter Aortic Valve Replacement After Prior Mitral Valve Surgery: Results from the Transcatheter Valve Therapy Registry. *The Annals of Thoracic Surgery*. 2020. Volume 109, Issue 6, 1789 - 1796.
 26. **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.
 27. **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

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- Surgical Rings (Valve-in-Ring), and Native Valve with Severe Mitral Annular Calcification (Valve-in-Mitral Annular Calcification) in the United States Data from the Society of Thoracic Surgeons/American College of Cardiology/Transcatheter Valve Therapy Registry. *Circulation: Cardiovascular Interventions*. 6 Mar 2020. <https://doi.org/10.1161/CIRCINTERVENTIONS.119.008425>.
28. **267.** Kiani S, Stebbins A, Thourani VH, et al. The Effect and Relationship of Frailty Indices on Survival After Transcatheter Aortic Valve Replacement. *JACC: CARDIOVASCULAR INTERVENTIONS*. 2020.
 29. **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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 31. **357.** Marquis- Gravel G, Stebbins A, Kosinski A, et al. Geographic Access to Transcatheter Aortic Valve Replacement Centers in the United States Insights from the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. *JAMA Cardiol*. 2020; 5(9):1006-1010. doi:10.1001/jamacardio.2020.1725.
 32. **413.** Butala NM, Chung M, Secemsky EA, et al. Conscious Sedation Versus General Anesthesia for Transcatheter Aortic Valve Replacement: Variation in Practice and Outcomes. *JACC Cardiovasc Interv*. 2020; 13(11):1277-1287. doi: 10.1016/j.jcin.2020.03.008.
 33. **421.** Malik AO, Chhatrwalla AK, Saxon J, et al. Site-Level Variability in 30-Day Patient Outcomes After Transcatheter Mitral Valve Repair in the United States. *Circ CQO*. 2020.
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 35. **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.
 36. **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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 38. **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.
 39. **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.
 40. **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.
 41. **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.
 42. **197.** Wayangankar SA, Elgendy IY, Xiang Q, et al. Length of Stay After Transfemoral Transcatheter Aortic Valve Replacement an Analysis of the Society of Thoracic Surgeons/ American College of Cardiology Transcatheter Valve Therapy Registry. *JACC CI*. 2019.

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43. **211.** Chhatriwalla Ak, Vemulapalli S, Holmes DR, et al. Institutional Experience with Transcatheter Mitral Valve Repair and Clinical Outcomes. *JACC CI*. 2019.
44. **215.** Arora SA., Vemulapalli S, Stebbins A, et al. The Prevalence and Impact of Atrial Fibrillation on 1-Year Outcomes in Patients Undergoing Transcatheter Mitral Valve Repair: Results from the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. *JACC CI*. 2019.
45. **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.
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48. **258.** Rymer JA, Li Z, Cox ML, et al. Pre- Versus Post-Procedure Health Care Resource Utilization in Patients Undergoing Commercial Transcatheter Mitral Valve Repair. *J Am Coll Cardiol Interv*. 2019 Dec, 12 (23) 2416-2426.
49. **263.** Huded CP, Tuzcu EM, Kishnaswamy A, et al. Association Between Transcatheter Aortic Valve Replacement and Early Postprocedural Stroke. *JAMA Card*. 2019.
50. **268.** Thourani VH, O'Brien SM, Kelly JJ, et al. Development and Application of Risk Prediction Model for In-Hospital Stroke after Transcatheter Aortic Valve Replacement: A Report from the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. *Ann Thorac Surg*. 2019.
51. **291.** Alkhouli, M, Holmes DR, Carroll, JD et al. Racial Disparities in the Utilization and Outcomes of TAVR: TVT Registry Report. *JACC CI*. 2019.
52. **301.** Varshney, AS, Manandhar, P, Vemulapalli, S, et al. Left Ventricular Hypertrophy Does Not Affect 1-Year Clinical Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement. *JACC CI*. 2019.
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56. **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.
57. **439.** Vemulapalli, S, Carroll, JD, Mack, MJ, et al. Procedural Volume and Outcomes for Transcatheter Aortic-Valve Replacement. *NEJM*. 2019.

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59. **453.** Dahle TG, Kaneko T, McCabe JM, et al. Outcomes Following Subclavian and Axillary Artery Access for Transcatheter Aortic Valve Replacement: STS/ACC TVT Registry Report. *JACC CI*. 2019.
60. **454.** Makkar RR, Yoon SH, Leon MB, et al. Association Between Transcatheter Aortic Valve Replacement for Bicuspid vs Tricuspid Aortic Stenosis and Mortality or Stroke. *JAMA*. 2019 Jun 11;321(22):2193-2202.
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67. **224.** Inohara T, Manandhar P, Kosinski AS, et al. Association of Renin-Angiotensin Inhibitor Treatment with Mortality and Heart Failure Readmission in Patients with Transcatheter Aortic Valve Replacement. *JAMA*. 2018.
68. **252.** Herrmann, HC, Daneshvar, SA, Fonarow, GC et al. Prosthesis–Patient Mismatch in 62,125 Patients Following Transcatheter Aortic Valve Replacement: From the STS/ACC TVT Registry. *JACC* 2018.
69. **254.** Kolte D, Khera S, Vemulapalli S, et al. Outcomes Following Urgent/Emergent Transcatheter Aortic Valve Replacement: Insights from the STS/ACC TVT Registry. *JACC*. March 2018.
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84. **190.** Fanaroff AC, Manandhar P, Holmes DR, et al. Peripheral Artery Disease and Transcatheter Aortic Valve Replacement Outcomes. *Cardiovascular Interventions*. 2017; 10: e005456.
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