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Published Manuscripts From the STS/ACC TVT Registry

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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. **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 Intv. 2024 Apr, 17 (7) 874–886.https://doi.org/10.1016/j.jcin.2024.02.012.
8. **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.
9. **416.** Patel SM, Varshney AS, Stebbin A, et al. Ventricular Function and Outcomes after Transcatheter Aortic Valve Implantation. Annals In Med. 2023.
10. **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.
11. **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.
12. **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.
13. **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.
14. **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.
15. **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.
16. **724.** Goel K, Shah P, Jones BM, et al. Outcomes of transcatheter aortic valve replacement in patients with cardiogenic shock. EHJ. 2023.
17. **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.

18. **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.
19. **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.
20. **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.
21. **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.
22. **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.
23. **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.
24. **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.
25. **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.
26. **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.
27. **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.
28. **409.** Valle JA, Li Z, Kosinski AS, et al. Dissemination of Transcatheter Aortic Valve Replacement in the United States. JACC. 2021 Aug 24.
29. **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.
30. **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.
31. **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.
32. **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.
33. **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.

34. **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.
35. **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.
36. **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 CI. 2021.
37. **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.
38. **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.
39. **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.
40. **110.** Sherwood MW, Xiang K, Matsouaka R, et al. Incidence, Temporal Trends, and Associated Outcomes of Vascular and Bleeding Complications in Patients Undergoing Transfemoral Transcatheter Aortic Valve Replacement Insights from the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapies Registry. Circulation: Cardiovascular Interventions. 15 Jan 2020. https://doi.org/10.1161/CIRCINTERVENTIONS.119.008227.
41. **161.** Sharma A, Lavie CJ, Elmariah S, et al. Relationship of Body Mass Index with Outcomes After Transcatheter Aortic Valve Replacement: Results from the National Cardiovascular Data-STS/ACC TVT Registry. Mayo Clin Proc. 2020.
42. **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.
43. **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.
44. **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.
45. **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 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.
46. **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.
47. **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.

48. **350.** Arora S, Li Z, Vemulapalli S, et al. Association of Body Mass Index and Outcomes After Transcatheter Mitral Valve Repair. J Am Coll Cardiol. 2020 Mar, 75 (11_Supplement_1) 1188.
49. **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.
50. **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.
51. **421.** Malik AO, Chhatriwalla 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.
52. **438**. Carroll JD, Mack MJ, Vemulapalli S, et al. STS-ACC TVT Registry of Transcatheter Aortic Valve Replacement: JACC State-of-the-Art Review. J Am Coll Cardiol. 2020 Nov, 76 (21) 2492–2516.
53. **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.
54. **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.
55. **57.** Szerlip M, Zajarias A, Vemalapalli S, et al. Transcatheter Aortic Valve Replacement in Patients with End-Stage Renal Disease. JACC. 2019.
56. **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.
57. **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.
58. **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.
59. **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.
60. **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.
61. **211.** Chhatriwalla Ak, Vemulapalli S, Holmes DR, et al. Institutional Experience with Transcatheter Mitral Valve Repair and Clinical Outcomes. JACC CI. 2019.
62. **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.
63. **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.
64. **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.
65. **249.** Shah B, Villablanca P, Vemulapalli S, et al. Outcomes After Transcatheter Mitral Valve Repair in Patients with Renal Disease Insights from the Society of Thoracic Surgeons/American College of Cardiology National Cardiovascular Data Registry Transcatheter Valve Therapy Registry. Circ CI. 2019.

66. **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 Intv. 2019 Dec, 12 (23) 2416-2426.
67. **263.** Huded CP, Tuzcu EM, Kishnaswamy A, et al. Association Between Transcatheter Aortic Valve Replacement and Early Postprocedural Stroke. JAMA Card. 2019.
68. **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.
69. **291.** Alkhouli, M, Holmes DR, Carroll, JD et al. Racial Disparities in the Utilization and Outcomes of TAVR: TVT Registry Report. JACC CI. 2019.
70. **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.
71. **332.** Sanchez CE, Hermiller JB, Pinto DS, et al. Predictors and risk calculator of early unplanned hospital readmission following contemporary self-expanding transcatheter aortic valve replacement from the STS/ACC TVT-registry. Cardiovascular Revascularization Medicine. 2019.
72. **334.** Anwaruddin S, Desai N, Szeto W, et al. Self-Expanding Valve System for Treatment of Native Aortic Regurgitation by Transcatheter Aortic Valve Implantation (from the STS/ACC TVT Registry). AJC. 2019.
73. **371.** Chhatriwalla AK, Vemulapalli S, Szerlip M, et al. Operator Experience and Outcomes of Transcatheter Mitral Valve Repair in the United States. JACC CI. December 2019.
74. **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.
75. **439.** Vemulapalli, S, Carroll, JD, Mack, MJ, et al. Procedural Volume and Outcomes for Transcatheter Aortic-Valve Replacement. NEJM. 2019.
76. **449.** Russo MJ, McCabe JM, Thourani VH, et al. Case Volume and Outcomes after TAVR with Balloon-Expandable Protheses: Insights from the TVT Registry. JACC. 2019.
77. **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.
78. **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.
79. **7.** Sherwood MW, Vemulapalli S, Harrison JK, et al. Variation in post-TAVR antiplatelet therapy utilization and associated outcomes: Insights from the STS/ACC TVT Registry. AHJ. 2018.
80. **58.** Tuzcu EM, Kapadia SR, Vemulapalli S, et al. Transcatheter Aortic Valve Replacement of Failed Surgically Implanted Bioprostheses; The STS/ACC Registry. JACC. 2018.
81. **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.
82. **153.** Joseph L, Bashir M, Xiang Q, et al. Prevalence and Outcomes of Mitral Stenosis in Patients Undergoing Transcatheter Aortic Valve Replacement: Findings from the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapies Registry. JACC: CI. April 2018.

83. **155.** Vora AN, Dai D, Matsuoka R, et al. Incidence, Management, and Associated Clinical Outcomes of New-Onset Atrial Fibrillation Following Transcatheter Aortic Valve Replacement: An Analysis from the STS/ACC TVT Registry. JACC: CI. 2018.
84. **191.** Kochar A, Li Z, Harrison JK, et al. Stroke and Cardiovascular Outcomes in Patients with Carotid Disease Undergoing Transcatheter Aortic Valve Replacement. Circ Cardiovasc Interv. 2018.
85. **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.
86. **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.
87. **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.
88. **264.** 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.
89. **270.** Arnold SV, O'Brien SM, Vemulapalli S, et al. Inclusion of Functional Status Measures in the Risk Adjustment of 30-Day Mortality After Transcatheter Aortic Valve Replacement. JACC CI. 2018.
90. **272.** Arnold SV, Li Z, Vemulapalli S, et al. Association of Transcatheter Mitral Valve Repair with Quality-of-Life Outcomes at 30 days and 1 year: Analysis of the Transcatheter Valve Therapy Registry. JAMA Card. 2018.
91. **361.** Thourani VH, O'Brien SM, Kelly JJ, et al. Development and Application of a 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. Annals of Thoracic Surgery. 2018.
92. **406.** Vemulapalli S, Holmes DR Jr, Dai D, et al. Valve hemodynamic deterioration and cardiovascular outcomes in TAVR: A report from the STS/ACC TVT Registry. Am Heart J. 2018 Jan.
93. **591.** Attizzani GF, Patel SM, Dangas GD, et al. Comparison of Local Versus General Anesthesia Following Transfemoral Transcatheter Self-Expanding Aortic Valve Implantation (from the Transcatheter Valve Therapeutics Registry). AJC. 2018.
94. **34.** Hira RS, Vemulapalli S, Li Z, et al. Trends and Outcomes of Off-label Use of Transcatheter Aortic Valve Replacement Insights from the NCDR STS/ACC TVT Registry. JAMA Cardiol. 2017; 2(8):846-854.
95. **42.** Mavromatis K, Thourani VH, Stebbins A, et al. Transcatheter Aortic Valve Replacement in Patients with Aortic Stenosis and Mitral Regurgitation. Ann Thorac Surg. 2017. Volume 104, Issue 6.
96. **106.** Carroll JD, Vemulapalli S, Dai D, et al. Procedural Experience for Transcatheter Aortic Valve Replacement and Relation to Outcomes. JACC. July 2017, Volume 70, Issue 1.
97. **119.** Hyman MC, Vemulapalli S, Szeto WY, et al. Conscious Sedation Versus General Anesthesia for Transcatheter Aortic Valve Replacement: Insights from the NDCR STS/ACC TVT Registry. Circ. November 2017.
98. **130.** Dodson JA, Williams MR, Cohen DJ, et al. Home Practice of Direct-Home Discharge and 30-Day Readmission After Transcatheter Aortic Valve Replacement in the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy (STS/ACC TVT) Registry. JAHA. August 2017.
99. **169.** Arnold SV, Spertus JA, Vemulapalli S, et al. Quality-of-Life Outcomes After Transcatheter Aortic Valve Replacement in an Unselected Population: A Report from the STS/ACC TVT Registry. JAMA Cardiol. 2017. doi:10.1001/jamacardio.2016.5302.

100. **174.** Abramowitz Y, Vemulapalli S, Chakravarty T, et al. Clinical Impact of Diabetes Mellitus on Outcomes After Transcatheter Aortic Valve Replacement: Insights from the STS/ACCC TVT Registry. Circ: CI. November 2017.
101. **180.** Hansen JW, Foy A, Yadav P, et al. Death and Dialysis After Transcatheter Aortic Valve Replacement. An Analysis of the STS/ACC TVT Registry. JACC CI. Sept. 2017.
102. **190.** Fanaroff AC, Manandhar P, Holmes DR, et al. Peripheral Artery Disease and Transcatheter Aortic Valve Replacement Outcomes. Cardiovascular Interventions. 2017; 10: e005456.
103. **199.** Grover FL, Vemulapalli S, Carroll JD, et al. 2016 Annual Report of The Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. J Am Coll Cardiol. 2017; 69:1215-1230.
104. **243.** Sorajja P, Kodali S, Reardon MJ, et al. Outcomes for the Commercial Use of Self-Expanding Prostheses in Transcatheter Aortic Valve Replacement: A Report From the STS/ACC TVT Registry. JACC: Cardiovascular Intervention. 2017; 10(20): 2090-2098.
105. **245.** Sorajja P, Vemulapalli S, Feldman T, et al. Outcomes with Transcatheter Mitral Valve Repair in the United States: An STS/ACC TVT Registry Report. JACC. 2017.
106. **269.** Brennan MJ, Thomas L, Cohen DJ, et al. Transcatheter Versus Surgical Aortic Valve Replacement. JACC. July 2017, Volume 70, Issue 4.
107. **333.** Chandrasekhar J, Vogel B, Baber U, et al. TCT-398 Associations Between Atrial Fibrillation and Clinical Outcomes Among Patients Undergoing Transcatheter Aortic Valve Replacement with Self-Expanding Devices: Results from the United States STS/ACC TVT Registry. Journal of the American College of Cardiology. 2017. DOI: 10.1016/j.jacc.2017.09.496.
108. **5.** O'Brien SM, Cohen DJ, Rumsfeld JS, et al. Variation in Hospital Risk-Adjusted Mortality Rates Following Transcatheter Aortic Valve Replacement in the United States: A Report from the STS/ACC TVT Registry. Circ Cardiovasc Qual Outcomes. 2016; 9:560-565.
109. **27.** Alfredsson J, Stebbins A. Brennan JM, et al. Gait Speed Predicts 30-Day Mortality After Transcatheter Aortic Valve Replacement: Results from the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. Circulation. 2016.
110. **37.** Baron SJ, Arnold SV, Herrmann HC, et al. Impact of Ejection Fraction and Aortic Valve Gradient on Outcomes of Transcatheter Aortic Valve Replacement. J Am Coll Cardiol. 2016; 67(20):2349-2358. doi: 10.1016/j.jacc.2016.03.514.
111. **72.** Arsalan M, Szerlip M, Vemilapalli S, et al. Should Transcatheter Aortic Valve Replacement Be Performed in Nonagenarians? Insights From the STS/ACC TVT Registry. JACC. 2016; 67 (10).
112. **90.** Chandrasekhar J, Dangas G, Yu J, et al. Sex-Based Differences in Outcomes with Transcatheter Aortic Valve Therapy. JACC. 12/2016; Vol 68 No. 25; Pages 2733-44.
113. **105.** Fadahunsi, Olowoyeye A, et al. Incidence, Predictors, and Outcomes of Permanent Pacemaker Implantation Following Transcatheter Aortic Valve Replacement: Analysis from STS/ACC TVT Registry. JACC: Cardiovascular Interventions. November 14, 2016. 9 (21) 2189-2199.
114. **108.** Edwards FH, Cohen DJ, O'Brien SM, et al. Development and Validation of a Risk Prediction Model for In-Hospital Mortality After Transcatheter Aortic Valve Replacement. JAMA Cardiol. March 09, 2016. doi:10.1001/jamacardio.2015.0326.
115. **109.** Sorajja P, Mack M, Vemulapalli S, et al. Initial Experience with Commercial Transcatheter Mitral Valve Repair in the United States. JACC. 2016; 67 (10).
116. **8.** Holmes DR, Brennan JM, Rumsfeld JS, et al. Clinical Outcomes at 1 Year Following Transcatheter Aortic Valve Replacement. JAMA. 2015; 313(10):1019-1028. doi:10.1001/jama.2015.1474.

117. **33.** Arnold SV, Spertus JA, Vemulapalli S, et al. Association of Patient-Reported Health Status with Long-Term Mortality After Transcatheter Aortic Valve Replacement Report From the STS/ACC TVT Registry. Circ Cardiovasc Interv. 2015.
118. **44.** Thourani VH, Jensen HA, Babaliaros V, et al. Transapical and Transaortic Transcatheter Aortic Valve Replacement in the United States. Ann Thorac Surg 2015; 100:1718–27.
119. **74.** Suri RM, Gulack BC, Brennan JM, et al. Outcomes of Patients with Severe Chronic Lung Disease Who Are Undergoing Transcatheter Aortic Valve Replacement. The Annals of Thoracic Surgery. 29 August 2015.
120. **107.** Holmes DR, Nishimura RA, Grover FL, et al. Annual Outcomes with Transcatheter Valve Therapy: From the STS/ACC TVT Registry. J Am Coll Cardiol. 2015; ISSN 0735-1097.
121. **N/A.** Rumsfeld JS, Holmes DR, Stough WG, et al. Insights from the Early Experience of the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. J Am Coll Cardiol Intv. 2015.
122. **N/A.** John D. Carroll, Jeff Shuren, Tamara Syrek Jensen, John Hernandez, David Holmes, Danica Marinac-Dabic, Fred H. Edwards, Bram D. Zuckerman, Larry L. Wood, Richard E. Kuntz and Michael J. Mack. Transcatheter Valve Therapy Registry Is a Model for Medical Device Innovation and Surveillance. Health Affair. 2015; 328-334.
123. **3.** Brennan JM, Holmes DR, Sherwood MW, et al. The association of transcatheter aortic valve replacement availability and hospital aortic valve replacement volume and mortality in the United States. Ann Thorac Surg. 2014 Dec; 98(6):2016-22.
124. **200.** Adams DH, Popma JJ, Reardon MJ, et al. Transcatheter Aortic Valve Replacement Using a Self-Expanding Bioprosthesis: First Report From the STS/ACC Transcatheter Valve Therapy Registry. N Engl J Med. 2014 May 8.
125. **1.** Carroll JD, Edwards FH, Marinac-Dabic D, et al. The STS-ACC Transcatheter Valve Therapy National Registry: A New Partnership and Infrastructure for the Introduction and Surveillance of Medical Devices and Therapies. JACC. 2013.
126. **2.** Mack MJ, Brennan JM, Brindis R, et al. Outcomes following transcatheter aortic valve replacement in the United States. JAMA. 2013 Nov 20;310(19):2069-77.
127. **N/A.** Sedrakyan A, Marinac-Dabic D, Holmes DR, et al. The international registry infrastructure for cardiovascular device evaluation and surveillance. JAMA. 2013 Jul 17;310(3):257-9.
128. **N/A.** Mack MJ, Holmes DR Jr., et al. Rational dispersion for the introduction of transcatheter valve therapy. JAMA. 2011 Nov 16; 306(19):2149-50.

IN PRESS

1. **686**, Singh N, et al. National trends, predictors, and outcomes of early and late bleeding complications after MitraClip: Insights from the NCDR STS/ACC TVT Registry. JACC: CI. In Press.
2. **733,** Huded C, et al. Outcomes of Mitral Transcatheter Edge to Edge Repair for Secondary Mitral Regurgitation with Normal Left Ventricular Function. JACC: Interventions. In Press.