



NCDR[®]
NATIONAL CARDIOVASCULAR DATA REGISTRY

**In Progress Projects Based on
STS/ACC TVT Registry**

In Process, Unpublished NCDR Manuscripts

The following pages list current research and publications proposals that have been recently approved, are under analysis, are under manuscript development, or submitted to a journal for review/publication. Items are listed by registry and include the ID number and title.

RPA ID #	Lead Author	Title	Lead Author Email
98	Gleason	Outcomes of patients with elevated pulmonary artery pressure undergoing TAVR	-
240	S. Baron	Development of a Risk Prediction Model for 1-Year Mortality after Surgical vs. Transcatheter Aortic Valve Replacement in Patients with Severe Aortic Stenosis	suzanne.baron@gmail.com
342	Kaneko	Peripheral versus Central Access for Alternative Access TAVR	tkaneko2@partners.org
350	Vavalle	The Effect of Obesity on Outcomes in Patients Undergoing MitraClip- Insights from the TVT-NCDR registry	jvavalle@gmail.com
353	Villablanca	Sex-Based Differences in Outcomes Afer Transcatheter Repair of Mitral Regurgitation with the MitraClip System	pedrovillablanca@hotmail.com
409	Valle	Growth and Dissemination of Transcatheter Aortic Valve Replacement in the United States and Procedural Volumes, Risk Profiles and Outcomes: Insights from the TVT Registry	javier.valle@ucdenver.edu
417	Tanawuttiwat	The Use of Non-vitamin K Antagonist and Outcomes in Atrial Fibrillation Patients after Transcatheter Aortic Valve Replacement: Insights from STS/ACC TVT Registry.	<a href="mailto:Tanawuttiwat,Tanya<tтанawu@iu.edu>">Tanawuttiwat, Tanya <tтанawu@iu.edu>
509	Nazif	Comparative Analysis of the Clinical Outcomes of the SAPIEN 3 Ultra and SAPIEN 3 Transcatheter Heart Valves (THV)	tnazif@gmail.com
114	Maniar	Impact of the Presence of Coronary Artery Disease and the Revascularization on Outcomes of Patients Undergoing Trans-	maniarh@wustl.edu

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		catheter Aortic Valve Replacement: Insights from STS/ACC TVT Registry	
117	Sherwood	The Use of Red Blood Cell Transfusion and Outcomes after TAVR: Insights from the STS/ACC TVT Registry®	matthew.sherwood@duke.edu
176	Arnold	Comparison of Physician- and Patient- Reported Health Status Before and After TAVR	sva1024@yahoo.com
260	Bishawi	Failure to Rescue in Transcatheter Aortic Valve Replacement	muath.bishawi@duke.edu
361	Brennan	Individualized Risk Prediction for Intermediate and High Risk Patients with Aortic Valve Stenosis Considering SAVR or TAVR in the United States	j.matthew.brennan@duke.edu
384	Kataruka	Outcomes of Percutaneous Structural Interventions at Top-Ranked and Non-Ranked Hospitals: Insights from the NCDR STS/ACC TVT Registry	akash.kataruka@gmail.com
431	Chau	National trends of permanent pacemaker implantation after transcatheter aortic valve replacement	kat.chau@gmail.com
437	Vemulapalli	Improving Data Completeness and Expanding Available Data Elements in the TVT Registry through the use of EHR-Based Data: Linking the TVT Registry and PCORnet	sreekanth.vemulapalli@duke.edu
450	Tuzcu	Real World Outcomes of TAVR with the SAPIEN-3 Valve in Intermediate Risk Patients: Comparison of Data from the TVT Registry with PARTNER S3 Studies	tuzcue@ccf.org
467	Kaneko	Risk Profile of Patients undergoing Transcatheter Aortic Valve Replacement in the US and Japan: Joint Data Harmonization Effort between TVT and J-TVT	TKaneko2@partners.org
474	Hung	Association between Embolic Protection Device use and Reimbursement Rates for Transcatheter Aortic Valve Replacement	anna.hung@duke.edu
505	Amit Vora	Temporal Trends and Hospital Variation in the Pacemaker Implantation following TAVR – Insights from the STS / ACC TVT Registry	a.vora@duke.edu
559	Mack	Mitral Annual Update Paper	Michael.mack@bswhealth.org
591	Dallan	Outcomes by Self-Expanding Valves in VIV TAVR	guilherme.attizzani@uhhospitals.org

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592	Attizzani	Redo Transcatheter Aortic Valve Replacement with the Supra-Annular, Self-Expandable Evolut Platform: Insights from the TVT Registry	guilherme.attizzani@uhospitals.org
241	R. Matsouka	PCORI Grant - 6 manuscripts expected: 2 of 6 Estimating the risk of mortality in aortic valve disease treatment: assessment for bias in non-randomized treatment comparisons	roland.matsouka@duke.edu
416	Patel	Incidence, Predictors and Clinical Impact of Recovery in Left Ventricular Systolic Function after Transcatheter Aortic Valve Replacement: an analysis of the STS/ACC TVT Registry.	sidmpatel@gmail.com
442	Wang	Association of MitraClip Availability and Hospital Surgical Mitral Valve Repair Volume and Mortality-Aim2	A.WANG@DUKE.EDU
444	Lowenstern	Association of MitraClip Availability and Hospital Surgical Mitral Valve Repair Volume and Mortality-Aim1	angela.sandelin@dm.duke.edu
451	Arora	Association of Post Transcatheter Aortic Valve Implantation Mitral Regurgitation with Mortality and Heart Failure Readmission in Patients with Aortic Stenosis	parora@uabmc.edu
454	Makkar	SAPIEN 3 Outcomes in Bicuspid vs. Tricuspid Aortic Valve Stenosis	makkarr@cshs.org
464	Ando	Comparative Outcomes of Direct Oral Anticoagulants Versus Vitamin K Antagonist After Transcatheter Aortic Valve Replacement; From the TVT Registry	andotomo@hotmail.co.jp
466	Young	The Impact of Frailty on Outcomes in Patients Undergoing Transcatheter Mitral Valve Repair	michael.n.young@hitchcock.org
479	Nelson	Procedural Volumes versus Outcomes Measurements for Identifying Low and High Performing TAVR Centers	a.nelson@duke.edu
510	Abbas	Clinical Outcomes of Valve-in-Valve Transcatheter Aortic Valve Replacement (VIV-TAVR) with SAPIEN 3	aabbas@beaumont.edu
511	Herrmann	Prosthesis-Patient Mismatch After TAVR (TVT Registry Research Proposal)	howard.herrmann@uphs.upenn.edu
518	Zajarias	Outcome of Redo TAVR for failing transcatheter heart valves	azajarias@wustl.edu
532	Khera	Incidence, Trends and Outcomes of Non-Access site Bleeding After Transfemoral Transcatheter Aortic Valve Replacement	khera_sahil@hotmail.com

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553	Nelson	The contribution of site characteristics and patient selection to variation in site TAVR outcomes	a.nelson@duke.edu
560	Giri	Rates and Outcomes of Percutaneous Coronary Intervention after Implantation of Transcatheter Aortic Valve Replacement	giri.jay@gmail.com
573	Kumbhani	Percutaneous Structural Heart Volumes, Hospital Characteristics, and MitraClip outcomes	dharam.kumbhani@utsouthwestern.edu
576	Suffredini	Trends, Predictors, and Outcomes associated with Elevated Gradients after Transcatheter Valve-In-Valve for Degenerated Surgical Bioprosthetic Aortic Valves	John.Suffredini@bcm.edu
638	Harvey	Changing In-hospital Permanent Pacemaker Implantation Rates in the TVT Registry	-
TBD	Brennan	PCORI Grant - 6 manuscripts expected: Compare outcomes with surgical vs. transcatheter AVR Create a decision tool for to evaluate expected outcomes in those patients Develop risk assessment tool for inoperable patients with aortic valve disease	j.matthew.brennan@duke.edu
127	Saif Anwaruddin	A Characterization of the Incidence and Predictors of Paravalvular Regurgitation (PVL) and its Impact on Outcomes: A Study of the STS/ACC Transcatheter Valve Therapy (TVT) Database	sanwaruddin@gmail.com
285	Arman Qamar	Change in Mitral Valve Gradient Following Mitraclip Repair and Correlation to 30-day and 1 year outcomes	aqamar@alumni.harvard.edu
422	Hejjaji	Association between short term health status variation and long-term clinical outcomes after trans-catheter valve therapies: Insights from the STS/ACC TVT registry	vhejjaji@saint-lukes.org
480	Kolte	Temporal Trends in Cause of Death After Transcatheter Aortic Valve Replacement	dkolte@mgh.harvard.edu
484	Saxon	Clinical Outcomes After Repeat MitraClip	jtsaxon@gmail.com
498	Singh	Assessment of clinical & hemodynamic outcomes after re-do transcatheter valve replacement for degenerated or dysfunctional transcatheter aortic prosthesis. Transcatheter Aortic Valve-IN-	maninder.amc@gmail.com

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		Transcatheter Aortic Valve (TAV-IN-TAV) study from STS/TVT registry.	
517	Brennan	Outcomes of Transcatheter Aortic Valve Replacement for Primary Aortic Insufficiency	j.matthew.brennan@dm.duke.edu
547	Sammour	Impact of Coronary Artery Disease and Revascularization on Health Status After Transcatheter Aortic Valve Replacement: Insights from the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapies Registry	yasser.sammour@umkc.edu
558	Chikwe	Safety and efficacy of transcatheter mitral repair in degenerative mitral regurgitation	Joanna.Chikwe@cshs.org
495	Turagam	Applied Machine Learning for Predicting Post Transcatheter Aortic Valve Replacement Permanent Pacemaker Implantation: Insights From the U.S. Society of Thoracic Surgeons /American College of Cardiology TVT Registry	mohitkturagam@gmail.com
508	McCabe	Clinical Outcomes of Subclavian-Axillary Approach with Percutaneous Technique Compared to Cutdown for Transcatheter Aortic Valve Replacement with SAPIEN 3	jmmccabe@uw.edu
561	Raj Makkar	Outcomes of Transcatheter Aortic Valve Replacement with a Balloon-Expandable Valve for Bicuspid vs Tricuspid Aortic Stenosis	Raj.Makkar@cshs.org