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NCDR[®]

NATIONAL CARDIOVASCULAR DATA REGISTRY

**In Progress Projects Based on
NCDR Registries**

UNPUBLISHED, IN PROGRESS PROJECTS

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In Process, Unpublished NCDR Manuscripts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.

A FIB ABLATION REGISTRY

| Manuscript Status | RPA ID # | Lead Author | Title |
|-------------------|----------|-------------------|---|
| Submitted | 12 | Brent Klinkhammer | Trends in Transesophageal Echocardiography Use Prior to Atrial Fibrillation Ablation: Insights from the NCDR® AFib Ablation Registry® |
| Analysis | 21 | Omar Yousuf | Catheter Ablation for Atrial Fibrillation in Patients with Heart Failure with Reduced Left Ventricular Ejection Fraction: Insights from the NCDR AFib Ablation Registry |
| Analysis | 27 | Sharma Kattel | Atrial Fibrillation Ablation Procedural Volume and Associated Outcomes |

CATH PCI REGISTRY

| Manuscript Status | RPA ID # | Lead Author | Title |
|--------------------------|-----------------|--------------------|---|
| In Press | 681 | Dhruv Mahtta | Trends, outcomes and institutional variation for radial versus femoral access among patients with acute myocardial infarction and cardiogenic shock undergoing PCI: An analysis from the CathPCI Registry |
| Submitted | 650 | Akash Kataruka | Failure to Rescue after Percutaneous Coronary Intervention Complications: Insights from NCDR ® CathPCI Registry |
| Submitted | 569 | Bobak Mortazavi | ICH.2 Dynamic Changes to Risk of Post-PCI Major Bleeds Throughout a Cardiac Catheterization Laboratory Visit Using the CathPCI Registry |
| Submitted | 666 | Adam Nelson | Temporal Trends in Risk Factors for Periprocedural Stroke in Patients Undergoing Percutaneous Coronary Intervention: Insights from the ACC NCDR CATHPCI Registry |
| Submitted | 673 | Andrea Price | Strategic RPA: Changes in observed post PCI Bleeding events before and after the participation in the Reduce the Risk PCI Bleed Campaign |
| Submitted | 730 | Anezi Uzendu | Racial Differences in Rates of AKI Post PCI |
| Submitted | 732 | Anezi Uzendu | AKI Risk Prediction Model RPA |
| In Preparation | 632 | Nadia Shaikh | Does the Gender of the Interventional Cardiologist Influence Door to Balloon Times in STEMI? |
| In Preparation | 639 | Ravi Sharma | Procedural Outcomes of Percutaneous Coronary Interventions Post Transcatheter Aortic Valve Replacement: Insights from the National Cardiovascular Data Registry (NCDR) registry |
| In Preparation | 671 | Reed Mszar | Symptom Burden Among Adults Undergoing Elective Percutaneous Coronary Intervention and Variations in Hospital Submission of Patient-Reported Outcomes |
| In Preparation | 683 | Devika Aggarwal | Predictors of and Outcomes associated with Ultra-low Contrast Volume and Zero Contrast Use During Percutaneous Coronary Interventions in Patients With Existing Renal Impairment |
| Analysis | 462 | Sanket Dhruva | Changes in Practice Patterns for Non-Infarct Artery Revascularization in Patients with ST-Elevation Myocardial Infarction and Multivessel |

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| | | | Coronary Artery Disease: Insights from the National Cardiovascular Data Registry |
| Analysis | 684 | Ben Peterson | Frailty and Risk of Mortality Among Patients Undergoing High-Risk or Complex Percutaneous Coronary Intervention: Insights from the CathPCI Registry. |
| Analysis | 708 | Javier Valle | Strategic: Contemporary Trends in Percutaneous Coronary Intervention at Facilities Without On-Site Cardiac Surgical Capabilities: Insights from the National Cardiovascular Data Registry |
| Analysis | 709 | Reza Fazel | Radial Versus Femoral Arterial Access for Percutaneous Coronary Intervention in the United States: An Analysis from the NCDR CathPCI Registry |
| Analysis | 713 | Anezi Uzendu | The Association between Pre-Procedural AKI Risk and Same-Day Discharge: Are we Safely Sending the Right Patients Home? |
| Analysis | 736 | Benjamin Horne | Actual Practice Evaluation of Predictors for Major Adverse Cardiovascular Events and Bleeding Outcomes following Percutaneous Coronary Intervention among Patients in the Clipper Dataset |
| Analysis | 740 | Dean Kereiakes | The Shockwave Intravascular Lithotripsy Post-approval Study: Procedural safety from the NCDR/CathPCI Registry |
| Analysis | 741 | Andrea Price | Impact of Credentialing, Certification and Licensure of Cath Lab Staff on Patient Outcomes |
| Analysis | 751 | Frederic Resnic | Validation of Novel Learning Curve Detection Tools within the NCDR StarClose Cath PCI Registry |
| Analysis | 719 | Jennifer Rymer | Case volumes and outcomes of early- and mid-career PCI operators |
| On Hold | 489 | William Cooper | Association Between Unsolicited Patient Complaints and Adverse Outcomes Related to Percutaneous Coronary Intervention |
| On Hold | 611 | Zachary Wegermann | Prevalence, temporal trends, and associated outcomes of intravascular ultrasound use in patients undergoing PCI |
| On Hold | 667 | Hannah Chaudry | Nationwide trends and predictors of anti-anginal use and de-escalation in patient's undergoing PCI for stable ischemic heart disease: Insights from the CathPCI Registry |
| On Hold | 698 | Zaid Almarzooq | A quasi-experimental study to assess the impact of door-to-balloon time delays on mortality |
| External | 707 | Karthik Murugiah | ICH.8: Effect of inclusion of race in eGFR calculation on the NCDR AKI prediction model |

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| External | 763 | Nobuhiro Ikemura | Changes in Contrast Volume among Patients at High Risk for Acute Kidney Injury after PCI |
| External | 789 | Sunil Rao | Characteristics of Early Use of Shockwave Intravascular Lithotripsy (IVL) |
| External | 786 | Jennnifer Rymer | A Retrospective Analysis of the National Cardiovascular Data Registry on Cangrelor Use Among Women and Minorities in the US (The COMMIT-US Study) |
| External | 739 | Neel Butala | Use of Calcium Modification for Coronary Lesions: National Trends, Hospital Variation, and Disparities |
| External | 754 | Ajar Kochar | Percutaneous Management of Severely Calcified Culprit Lesions in STEMIs |

CHEST PAIN – MI REGISTRY (FORMERLY ACTION)

| Manuscript Status | RPA ID # | Lead Author | Title |
|--------------------------|-----------------|--------------------------|---|
| Submitted | 313 | Dharam Kumbhani | Attributes of high-performing hospitals for cardiogenic shock following acute myocardial infarction |
| Submitted | 334 | Ajar Kochar | Temporal Trends of Higher Potency P2Y12 Inhibitor Use and Bleeding Outcomes in Patients with Myocardial Infarction Complicated by Out of Hospital Cardiac Arrest |
| Submitted | 342 | Jacqueline Tamis-Holland | Contemporary Evaluation of the Incidence and Timing of Post Infarction Ventricular Arrhythmias Among Patients Undergoing Primary PCI for ST Segment Elevation Infarction |
| In Preparation | 243 | N. Albert | Changes in Performance Measures Over Time after Implementation of the Patient Navigator program |
| In Preparation | 251 | Majithia | Public Reporting and Outcomes of Patients with Out-of-Hospital Cardiac Arrest |
| In Preparation | 395 | Julie Mobayed | CPMI Patient Navigator program analysis (ad hoc patient navigator analysis) |
| Analysis | 374 | Zachary Wegermann | Simultaneous STEMI Presentation: Incidence and Outcomes |
| Analysis | 389 | Michael Kontos | Impact of the COVID-19 pandemic on care and outcomes of patients with STEMI and NSTEMI in the United States |
| Analysis | 409 | Michael Kontos | Outcomes in Patients with Inhospital STEMI |
| Analysis | 414 | Ashwin Nathan | Variation in Risk Avoidant Behavior for Coronary Angiography for Acute Myocardial Infarction Among United States Hospitals |
| On Hold | 269 | Acharya | Trends of Compliance with Guideline Directed Therapy and Performance and Quality Measures in Diabetic Patients Admitted with Acute Coronary Syndrome |
| On Hold | 335 | Karthik Murugiah | Hospital Collaboration with Emergency Medical Services in the Care of Patients with Acute Myocardial Infarction: Results from the Translating Outstanding Performance in Percutaneous Coronary Intervention (TOP PCI) Study |
| On Hold | 348 | Nathaniel Smilowitz | Patterns of Discharge Medical Therapy and Outcomes in Patients with Myocardial Infarction and Non-obstructive Coronary Arteries (MINOCA): An Analysis of the NCDR Chest Pain-MI Registry |

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| On Hold | 371 | Kamil Faridi | Treatment and Clinical Outcomes for Patients with Peripheral Artery Disease Hospitalized for Acute Myocardial Infarction |
| External | 338 | Mortazavi | Prediction of In-Hospital Mortality with Acute Myocardial Infarction using Machine Learning Techniques |
| External | 363 | Haitham Khraishah | Association of SGLT2 Inhibitors and Outcomes in Diabetic Patients with Acute Myocardial Infarction |
| External | 388 | Albaghdadi | Association of GLP-1 Receptor Agonists and Outcomes in Patients with Diabetes and Acute Myocardial Infarction |
| External | 411 | Jason Wasfy | Variation in clinical outcomes for AMI during the Covid-19 surge |

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DIABETES COLLABORATIVE REGISTRY

| Manuscript Status | RPA ID # | Lead Author | Title |
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EPDI REGISTRY (FORMERLY ICD)

| Manuscript Status | RPA ID # | Lead Author | Title |
|--------------------------|-----------------|--------------------|---|
| Submitted | 161 | J Akar | Predictors of RV Pacing and Pacing-Induced Adverse Outcomes |
| Submitted | 192 | Yousuf | Appropriateness of ICD and CRT-D |
| Submitted | 271 | Faisal Merchant | Procedural Volumes and Clinical Outcomes Associated with Implantable Defibrillator Device Recalls |
| In Preparation | 212 | Khariton | Validation of SCD HeFT in ICD |
| Analysis | 178 | Sharma | Outcomes in patients with diabetes receiving a subcutaneous implantable cardioverter defibrillator. |
| Analysis | 249 | Daniel Friedman | Left ventricular lead implant failure in the United States: A Report from the NCDR ICD Registry |
| Analysis | 274 | Carmel Ashur | Direct Oral Anticoagulant Management and Outcomes after Cardiovascular Implantable Electronic Device Placement |
| Analysis | 275 | Scott Weinreb | Characteristics and Outcomes of Pediatric Patients Undergoing Subcutaneous ICD Implantation – An Analysis of the NCDR EP Device Implant Registry |
| On Hold | 266 | Pun | Long-Term Outcomes of Subcutaneous Implantable Cardioverter Defibrillators in Dialysis Patients |
| On Hold | 278 | Goldstein | Utilization Patterns and Outcomes Associated with the Use of Primary Prevention Subcutaneous Implantable Cardioverter Defibrillators in Patients with Hypertrophic Cardiomyopathy |

IMPACT REGISTRY

| Manuscript Status | RPA ID # | Lead Author | Title |
|-------------------|----------|---------------------------------|---|
| In Press | 48 | Doff McElhinney | Standards of Care for Pulmonary and Aortic Balloon Valvuloplasty in Children, Adolescents, and Young Adults with Congenital Heart Disease |
| Submitted | 70 | Brian Morray | Evolving Utilization of Covered Stents in Patients Undergoing Transcatheter Therapy for Aortic Coarctation or Right Ventricular Outflow Tract Dysfunction |
| Submitted | 77 | Adrianne Bischoff | Percutaneous Patent Ductus Arteriosus Closure in infants ≤ 2 kg |
| In Preparation | 27 | Aimee Armstrong | The IMPACT of Reducing Radiation Risk: An NCDR QI Project |
| In Preparation | 29 | Natalie Jayaram | Prediction of adverse events after catheter-based procedures in congenital heart disease in the IMPACT registry. |
| In Preparation | 34 | Ada Stefanescu Schmidt | Use of transcatheter pulmonary valve replacement in patients with congenital heart disease- a report from the IMPACT registry |
| In Preparation | 65 | Maully Shah | Effect of Ablation Energy Source on Outcomes of Pediatric AVNRT Ablation: RF vs. Cryo |
| In Preparation | 83 | Natalie Jayaram | Examining the performance of the IMPACT risk model |
| Analysis | 73 | Dustin Nash | Evaluation of the Effect of Center Procedural Volume on Outcomes of Pediatric Catheter Ablation |
| Analysis | 84 | Michael O'Byrne | Evaluating Racial Disparities in Access to Common Transcatheter Interventions |
| Analysis | 88 | Chandra Srinivasan | Outcomes of Catheter Ablation for Atrial Tachyarrhythmias in Congenital Heart Disease |
| Analysis | 90 | Shriprasad Deshpande | Cardiac Catheterization and Interventions in Patients on ECMO: Analysis of the IMPACT Registry Data |
| On Hold | 43 | Lisa Bergersen | Validating the IMPACT Registry Risk-Standardization Model in IMPACT version 2 |

LAAO REGISTRY

| Manuscript Status | RPA ID # | Lead Author | Title |
|-------------------|----------|--------------------|---|
| Submitted | 56 | Freeman | VOLUME OUTCOMES To evaluate the hospital and physician characteristics for procedures included in the LAAO Registry and the association between these characteristics and major adverse events Safety and Effectiveness of Left Atrial Appendage Closure in Atrial Fibrillation (SAFELY-AF) Aim 3 |
| Submitted | 60 | Douglas Darden | Impact of Frailty on In-Hospital and Long-Term Outcomes in Patients Undergoing Percutaneous Left Atrial Appendage Occlusion: Insights from the NCDR LAAO Registry |
| In Preparation | 33 | Kenneth Ellenbogen | Real World Outcomes with WATCHMAN: 7-Day Safety and 45-Day Results from the NESTed Post Approval Study |
| In Preparation | 87 | Moussa Mansour | LAAO in Patients with ICH |
| In Preparation | 88 | John-Ross Clarke | Safety and Effectiveness of Pre-procedure Imaging for Percutaneous Left Atrial Appendage Occlusion: Insights from the National Cardiovascular Data Registry (NCDR) LAAO Registry |
| Analysis | 94 | Douglas Gibson | Clinical characteristics and outcomes in patients with same day discharge after left atrial appendage occlusion with WATCHMAN FLX |
| Analysis | 95 | Samir Kapadia | Real-world Outcomes with WATCHMAN FLX: Early Results from the SURPASS analysis of the NCDR LAAO Registry |
| Analysis | 101 | Enrico Ferro | Comparison of intracardiac and transesophageal echocardiography for guidance of percutaneous left atrial appendage occlusion with WATCHMAN FLX: Results from the SURPASS analysis of the NCDR LAAO Registry |
| Analysis | 102 | Megan Coylewright | Outcomes with DAPT compared to Anticoagulation after LAAC with WATCHMAN: A propensity-matched analysis of NCDR LAAO Registry WATCHMAN data |
| Analysis | 103 | Devi G. Nair | Clinical characteristics and outcomes in men and women receiving left atrial appendage occlusion with WATCHMAN FLX |
| External | 4 | Jennifer Williams | WATCHMAN US Post-Implant Drug Therapy Analysis |
| External | 9 | James Freeman | Left Atrial Appendage Occlusion Safety and Effectiveness Study. |

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| External | 37 | Jennifer Williams | WATCHMAN® New Enrollment PoST Approval Surveillance Analysis Plan to Assess Safety and Efficacy for the use of Dual AntiPlaTelet Post-Implant (WATCHMAN NESTed SAP - DAPT) |
| External | 40 | Gaurav Dhar | Efficacy and clinical benefit of Left Atrial Appendage Occlusion (LAAO) in patients with Atrial Fibrillation with elevated CHAD-VaSC score and End Stage Renal Disease (ESRD) on hemodialysis (HD) |
| External | 114 | Matthew Price | Peri-Device Leak after Left Atrial Appendage Closure with WATCHMAN FLX: Incidence and predictors |
| External | 116 | Samir Kapadia | Real-world Outcomes with WATCHMAN FLX: Long-term from the SURPASS analysis of the NCDR LAAO Registry |
| External | 117 | Jonathan Piccini | Combining left atrial appendage closure with WATCHMAN FLX and catheter ablation for atrial fibrillation: Results from the SURPASS analysis of the NCDR LAAO Registry |
| External | 118 | James Freeman | Post-procedure Anticoagulation and Antiplatelet Therapy Use and Outcomes after Left Atrial Appendage Closure with WATCHMAN FLX |
| External | 119 | Lucy Pereira | Association of Physician Certification and Outcomes Among Patients Undergoing Left Atrial Appendage Occlusion |
| External | 120 | Oluseun Alli | Racial Disparities in the Utilization and Outcomes with WATCHMAN FLX: A SURPASS analysis of the NCDR LAAO Registry |
| External | 121 | Kamil Faridi | Comparative Effectiveness of Transcatheter Left Atrial Appendage Occlusion in Real-World Practice: Findings from the NCDR LAAO Registry |
| External | 122 | Jonathan Hsu | Outcomes after percutaneous left atrial appendage occlusion in patients with atrial fibrillation and chronic kidney disease: Results from the SURPASS analysis of the NCDR LAAO Registry |
| External | 123 | Mohamad Alkhouli | Early Commercial Experience with the Amulet Occluder: Insights from the NCDR Left Atrial Appendage Occlusion Registry |
| External | 126 | Kamil Faridi | A Simplified Risk Score to Predict Major Adverse Events During Hospitalization for Transcatheter Left Atrial Appendage Occlusion: From the NCDR LAAO Registry |
| External | 128 | Angela Higgs | Long-term Outcomes Following Left Atrial Appendage Occlusion with a Watchman Device: Outcomes from the National Cardiovascular Data Registry |
| External | 132 | Enrico Ferro | Impact of long-term antiplatelet discontinuation after left atrial appendage occlusion with WATCHMAN FLX |

PINNACLE REGISTRY

| Manuscript Status | RPA ID # | Lead Author | Title |
|-------------------|----------|----------------------|--|
| Submitted | 106 | Kamal Henderson | Gender Differences in Long Term Cardiovascular Outcomes among Women and Men with Atrial Fibrillation: A Review from the NCDR |
| Submitted | 127 | Prateeti Khazanie | Provider-Level Variation in the Guideline Concordant Management of Cardiovascular Disease: Insights from NCDR PINNACLE |
| Submitted | 188 | Amarnath Annapureddy | Relationship Between Industry Payments to Physicians and Prescription Patterns for NOACs, PCSK9 inhibitors, and ARNI: A Report from the NCDR PINNACLE Registry |
| Submitted | 198 | Vittal Hejjaji | Predictors of Smoking Cessation among Outpatients with Atherosclerotic Cardiovascular Disease |
| Submitted | 213 | Krishna Pundi | The 2017 ACC/AHA Hypertension Guidelines and CHA2DS2-VASc Up-Scoring in Patients with Atrial Fibrillation: Insights from the NCDR® PINNACLE® Registry |
| In Preparation | 135 | Justin Sadhu | Use, Safety, and Effectiveness of Novel Oral Anticoagulants in Overweight and Obese Patients with Atrial Fibrillation |
| In Preparation | 140 | Erica Spatz | Association between Accountable Care Organization participation and Quality of Outpatient Cardiovascular Care |
| In Preparation | 180 | Gaggin | Relevance and Significance of Left Ventricular Ejection Fraction in Chronic Heart Failure Phenotypes in Patients With Heart Failure With Preserved, Midrange and Reduced Ejection Fraction: Results from the PINNACLE Registry |
| In Preparation | 215 | Paul Hess | Practice-Level Compliance with Cardiac Performance Measures and Outcomes in US Ambulatory Care: Findings from the NCDR PINNACLE Program |
| In Preparation | 216 | Firas Al Badarin | Prescription patterns and provider-level variability in the use of direct-acting oral anti-coagulants in non-valvular atrial fibrillation patients at extremes of body weight |

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| Analysis | 220 | Eric Brandt | Blood Pressure and Treatment Patterns Among Older Adults After Recent Major Trial Results and Guideline Recommendations |
| Analysis | 225 | Leila Haghighat | Implications of REDUCE-IT for the management of hypertriglyceridemia—an analysis from the NCDR PINNACLE registry |
| Analysis | 238 | Evan Manning | Eligibility and Use of Sodium Glucose Cotransporter-2 Inhibitor (SGLT2i) Therapy in Diabetics and Non-Diabetics with Heart Failure with reduced ejection fraction (HFrEF): Findings from the NCDR PINNACLE Registry |

PVI REGISTRY

| Manuscript Status | RPA ID # | Lead Author | Title |
|-------------------|----------|------------------|--|
| Submitted | 49 | Mazen Albaghdadi | Contemporary patterns of vessel preparation among patients undergoing peripheral vascular intervention in the United States: insights from the National Cardiovascular Data Registry |
| In Preparation | 15 | Arman Qamar | Impact of Annual Operator Volumes on Outcomes after Lower Extremity Endovascular Revascularization: Insights from the NCDR-PVI Registry |
| In Preparation | 43 | Amod Amritphale | Characteristics and outcomes of patients presenting with acute limb ischemia: insights from the NCDR PVI Registry |

STS/ACC TVT REGISTRY

| Manuscript Status | RPA ID # | Lead Author | Title |
|-------------------|----------|-----------------|--|
| Submitted | 117 | Sherwood | The Use of Red Blood Cell Transfusion and Outcomes after TAVR: Insights from the STS/ACC TVT Registry® |
| Submitted | 260 | Muath Bishawi | Failure to Rescue in Transcatheter Aortic Valve Replacement |
| Submitted | 416 | Siddharth 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. |
| Submitted | 505 | Amit Vora | Temporal Trends and Hospital Variation in the Pacemaker Implantation following TAVR – Insights from the STS / ACC TVT Registry |
| Submitted | 573 | Dharam Kumbhani | Percutaneous Structural Heart Volumes, Hospital Characteristics, and MitraClip outcomes |
| Submitted | 576 | John Suffredini | Trends, Predictors, and Outcomes associated with Elevated Gradients after Transcatheter Valve-In-Valve for Degenerated Surgical Bioprosthetic Aortic Valves |
| Submitted | 594 | Grayburn | Outcomes of Transcatheter Mitral Valve Repair in High Surgical Volume Centers |
| Submitted | 613 | Suzanne Arnold | Mediators of Improvement in TAVR Outcomes Over Time |
| Submitted | 614 | Chetan Huded | Characteristics and Outcomes of Patients with Minimal or No Symptoms Treated with Transcatheter Aortic Valve Replacement |
| Submitted | 638 | Harvey | Changing In-hospital Permanent Pacemaker Implantation Rates in the TVT Registry |

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| In Preparation | 285 | Arman Qamar | Change in Mitral Valve Gradient Following Mitraclip Repair and Correlation to 30-day and 1 year outcomes |
| In Preparation | 350 | John Vavalle | The Effect of Obesity on Outcomes in Patients Undergoing MitraClip- Insights from the TVT-NCDR registry |
| In Preparation | 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 |
| In Preparation | 466 | Michael Young | The Impact of Frailty on Outcomes in Patients Undergoing Transcatheter Mitral Valve Repair |
| In Preparation | 480 | Dahaval Kolte | Temporal Trends in Cause of Death After TAVR |
| In Preparation | 532 | Sahil Khera | Incidence, Trends and Outcomes of Non-Access site Bleeding After Transfemoral Transcatheter Aortic Valve Replacement |
| In Preparation | 553 | Adam Nelson | The contribution of site characteristics and patient selection to variation in site TAVR outcomes |
| In Preparation | 595 | Manasi Tannu | Impact of COVID-19 on Patients Needing Transcatheter Valve Therapy in USA |
| In Preparation | 598 | Adnan Chhatriwalla | Outcomes of Mitral Valve Transcatheter Edge-to-Edge Repair in Patients with Functional Mitral Regurgitation and Clinical Trial Exclusions: Insights from the STS/ACC TVT Registry |
| In Preparation | 630 | Marc Allard-Ratick | The effect of transcatheter mitral valve repair on chronic kidney disease |
| In Preparation | 635 | Yasser Sammour | Impact of Baseline Tricuspid Regurgitation on Health Status After Transcatheter Aortic and Mitral Valve Therapies: Insights from the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapies Registry |

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| In Preparation | 636 | Bernacki | TAVR Peri-procedural Code Status |
| In Preparation | 645 | Anubodh Varshney | Guideline directed medical therapy utilization in heart failure patients undergoing transcatheter mitral valve repair |
| In Preparation | 654 | Kyeeun Park | Sex and race based difference with TMVR mortality and complications |
| In Preparation | 667 | Nimesh Desai | Development of an unsuccessful 30-day outcome following MitraClip transcatheter mitral valve repair to support patient counseling and decision making |
| In Preparation | 672 | Anirudh Kumar | Impact of Mitral Stenosis on Patients Undergoing Transcatheter Aortic Valve Replacement (TAVR) |
| In Preparation | 681 | Mayra Guerrero | Outcomes of Transcatheter Mitral Valve Replacement Using with the SAPIEN 3 Balloon-Expandable Aortic Transcatheter Heart Valve in Failed Mitral Annuloplasty Ring |
| In Preparation | 683 | Kannu Bansal | Impact of Polyvascular Disease on Outcomes of Patients Undergoing Transcatheter Aortic Valve Replacement: Insights from the STS/ACC TVT Registry |
| In Preparation | 686 | Nickpreet Singh | National trends, predictors, and outcomes of early and late bleeding complications after MitraClip: Insights from the NCDR STS/ACC TVT Registry |
| In Preparation | 693 | Suzanne Arnold | Understanding Outcomes After TAVR Since 2019 |
| In Preparation | 696 | Lillian Kang | Outcomes of Commercial Transcatheter Aortic Valve Replacement in Low-Risk Patients: An Analysis of the STS/ACC TVT Registry |
| Analysis | 560 | Giri | Rates and Outcomes of Percutaneous Coronary Intervention after Implantation of Transcatheter Aortic Valve Replacement |

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| Analysis | 673 | Joe Aoun | Outcomes of Transcatheter Mitral Valve Repair in Patients with Recurrent Mitral Regurgitation After Surgical Mitral Valve Repair: A Report from the STS/TVT ACC Registry |
| Analysis | 678 | Megan Coylewright | Comparison of comorbidity burden among “young” (<65 years) and “older” (65 years-80) patients treated with transcatheter aortic valve replacement (TAVR): A Real World US Data Analysis |
| Analysis | 684 | Ahmed Kolkailah | Hospital-Level Transcatheter Aortic Valve Replacement Performance With Simulated Risk Avoidance Strategies |
| Analysis | 688 | Nickpreet Singh | Temporal trends, risk factors, and outcomes of patients with new left bundle branch block following transcatheter aortic valve replacement: Insights from the STS/ACC TVT Registry |
| Analysis | 691 | George Yankey | Early Outcomes of Commercial Transcatheter Tricuspid Valve Procedures in the Transcatheter Valve Therapies Registry |
| Analysis | 692 | Andrew Vekstein | Outcomes of Sequential Transcatheter Aortic Valve Replacement and Edge-to-Edge Mitral Valve Repair |
| Analysis | 703 | Santiago Garcia | Frequency and Safety of Bioprosthetic Valve Fracture in Patients Undergoing Valve in Valve for Failed Surgical Valves using the SAPIEN 3/Ultra Valves |
| Analysis | 722 | Kashish Goel | Transseptal Mitral Valve in Valve – A comprehensive analysis of temporal trends, adoption and outcomes from 2014 to 2022 |
| Analysis | 723 | Neel Butala | Impact of Embolic Protection Devices on Disabling Stroke after TAVR |
| Analysis | 724 | Kashish Goel | Outcomes of TAVRs in patients with Cardiogenic Shock |
| Analysis | 741 | Dhaval Kolte | Identifying Modifiable Practices Related to Outcome Variation and Enhancement in TAVR (IMPROVE TAVR) |

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| On Hold | 464 | Tomo Ando | Comparative Outcomes of Direct Oral Anticoagulants Versus Vitamin K Antagonist After Transcatheter Aortic Valve Replacement; From the TVT Registry |
| On Hold | 484 | John Saxon | Clinical Outcomes After Repeat MitraClip |
| On Hold | 511 | Herrmann | Prosthesis-Patient Mismatch After TAVR (TVT Registry Research Proposal) |
| On Hold | 517 | Brennan | Outcomes of Transcatheter Aortic Valve Replacement for Primary Aortic Insufficiency |
| On Hold | 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 |