



NCDR[®]

NATIONAL CARDIOVASCULAR DATA REGISTRY

**In Progress Projects Based on
NCDR Registries**

In Process, Unpublished NCDR Manuscripts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.

AFIB ABLATION REGISTRY

RPA ID	Lead Author	Title	Lead Author Email
1	Hsu	The NCDR AFib Ablation Registry® Report: Review of the Registry's Initial Two years, Data Collected, and Future Plans	Jonathan.Hsu@health.ucsd.edu
4	Aldaas	Characteristics and In-Hospital Outcomes of Patients Undergoing Pulmonary Vein Isolation Only vs. Pulmonary Vein Isolation with Adjunctive Lesions: Insights from the NCDR AFib Ablation Registry	omaldaas@health.ucsd.edu
8	Mszar	Association Between Procedural Volume and Outcomes for Atrial Fibrillation Ablation	reed.mszar@yale.edu

CATH PCI REGISTRY

RPA ID #	Lead Author	Title	Lead Author Email
671	Reed Mszar	Assessment of Symptom Burden Among Patients Undergoing Percutaneous Coronary Intervention	reed.mszar@yale.edu
670	Harsh Doshi	Trends and Outcomes in Door to Balloon times in patients with STEMI during the COVID 19 Pandemic	hdoshi4444@gmail.com
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	Hannah.Chaudry@lifespan.org
666	Rajendra Mehta	Recent Trends in the Incidence, Risk factors and Outcomes of Periprocedural Stroke in Patients Undergoing PCI	raj.mehta@dm.duke.edu
650	Akash Kataruka	Failure to Rescue after Percutaneous Coronary Intervention Complications: Insights from NCDR® CathPCI Registry	akash.kataruka@gmail.com
639	Ravi Sharma	Procedural Outcomes of Percutaneous Coronary Interventions Post Transcatheter Aortic Valve Replacement: Insights from the National Cardiovascular Data Registry (NCDR) registry	rsharma2@bidmc.harvard.edu
635	Ali Malik	Potential Implications of the ISCHEMIA Trial results on Appropriateness of Percutaneous Coronary Intervention for Stable Coronary Artery Disease: Insights from the NCDR CathPCI Registry	aomalik88@gmail.com
633	Jeffrey Popma	Evaluation of outcomes for patients receiving percutaneous mechanical circulatory support devices during elective high-risk percutaneous coronary interventions	jpopma@bidmc.harvard.edu

February 2021

612	Ashwin Nathan	Is it Rational to Avoid High-Risk Cases to Improve Hospital Performance Metrics?	ashwin.nathan@penmedicine.upenn.edu
611	Zachary Wegermann	Prevalence, temporal trends, and associated outcomes of intravascular ultrasound use in patients undergoing PCI	zachary.wegermann@duke.edu
610	Fabio Lima	Nationwide trends and outcomes of percutaneous coronary interventions following diagnostic angiography by invasive, non-interventional cardiologists versus solo-interventionalists: Insights from the CathPCI Registry	fabio_lima@brown.edu
608	Michel Zeitouni	Trends and In-Hospital Outcomes of Prophylactic Mechanical Circulatory Support Devices in Elective PCI: Insights from the CathPCI Registry	michel.zeitouni@duke.edu
606	Saurav Chatterjee	Demographic, Clinical and Angiographic Features, and Outcomes Associated with Invasive Management of Patients in the US with Intermediate-High Risk Stress Test Findings similar in characteristics to the ISCHEMIA Trial Population	guillaume.marquis.gravel@duke.edu
605	Mark Hlatky	Use and Outcomes of Coronary Angiography and Percutaneous Coronary Intervention Performed in the Evaluation of Patients for Kidney Transplantation	hlatky@stanford.edu

February 2021

604	Frederick Masoudi	ICH 6: Performance measures for comparing clinical risk prediction models: Looking beyond c-statistics	fred.masoudi@ucdenver.edu
603	John Spertus	ICH 7: Model guided contrast dosing to reduce risk of acute kidney injury in patients undergoing percutaneous coronary interventions	spertusj@umkc.edu
602	Mohamed Omer	Multivessel Percutaneous Coronary Intervention in Patients With NSTEMI and Cardiogenic Shock: Insights From the NCDR Cath PCI RegistryNew	omerm@umkc.edu
601	Eric Secemsky	Practice Patterns and Outcomes of Complete Revascularization versus Culprit-Only PCI for ST-Elevation Myocardial Infarction: A Sub-Analysis of the CathPCI National Cardiovascular Data Registry Research to Practice (R2P) Initiative	esecemsk@bidmc.harvard.edu
597	Charles Chambers	Ionizing Radiation Exposure of the Population of the United States	cchambers@psu.edu
593	Purav Mody	Coronary Angiography and Outcomes after In-Hospital Cardiac Arrest	puravmody@gmail.com
590	Rohan Khera	Variation of care practices for acute myocardial infarction with multivessel coronary artery disease presenting with cardiogenic shock in the United States: A report from the CathPCI National Cardiovascular Data Registry Research to Practice (R2P) Initiat	Rohan.Khera@UTSouthwestern.edu
589	Alexander Fanaroff	Atrial Fibrillation and Coronary Heart Disease: A Long-Term Perspective on the Need for Triple Antithrombotic Therapy	alexander.fanaroff@dm.duke.edu

February 2021

577	Ali Malik	Association between hospital reimbursement models and rates of normal elective coronary angiograms	aomalik@saint-lukes.org
574	Robert Yeh	The Extending Trial-Based Evaluations of Medical Therapies Using Novel Sources of Data (EXTEND) Study	ryeh@bidmc.harvard.edu
573	Jacob Doll	PCI operator phenotypes and associations with procedural outcomes	jakedoll@gmail.com
572	Marc Sintek	Excimer laser coronary angioplasty: Current use and complications in the NCDR/CATH PCI Registry	msintek@wustl.edu
570	Bobak Mortazavi	ICH.5 Evaluating Personalized Treatment Effectiveness of PCI Bleeding Avoidance Strategies Using the CathPCI Registry	bobak.mortazavi@yale.edu
569	Bobak Mortazavi	ICH.2 Dynamic Changes to Risk of Post-PCI Major Bleeds Throughout a Cardiac Catheterization Laboratory Visit Using the CathPCI Registry	bobak.mortazavi@yale.edu
552	Wassef Karrowni	The Prevalence and Outcomes of Transradial Access for Percutaneous Coronary Intervention in Patients with Prior Coronary Artery Bypass Grafting	wassef@hotmail.com

February 2021

545	David Manly	Characteristics and outcomes of patients with prior history of coronary artery bypass grafting undergoing cardiac catheterization via the radial vs. femoral approach	david.manly@gmail.com
528	Sajjad Raza	Impact of Large Clinical Trials on Coronary Revascularization Practice in the United States	sajjad.raza@uhhospitals.org
525	H. Vernon Anderson	Trends in Drug Eluting Stent Use in Elderly Patients with ST-elevation Myocardial Infarction in the United Kingdom and the United States. A Report from the International Registries Collaboration	h.v.anderson@uth.tmc.edu
524	H. Vernon Anderson	Trends in Transradial Artery Access for Percutaneous Coronary Intervention in Hospitals With and Without Onsite Cardiac Surgery in the United Kingdom and the United States. A Report from the International Registries Collaboration	h.v.anderson@uth.tmc.edu
522	Tamez	Long-term Outcomes and Resource Utilization Associated with Coronary Stent Restenosis	htamez@bidmc.harvard.edu

February 2021

522	Hector Tamez Aguilar	Long-term Outcomes and Resource Utilization Associated with Coronary Stent Restenosis	htamez@icloud.com
493	Hector Tamez Aguilar	Long-term major adverse cardiovascular events after chronic total occlusion percutaneous coronary intervention	htamez@bidmc.harvard.edu
487	T. Inohara	Concordance and discordance of appropriate ratings for percutaneous coronary intervention between new and old appropriate use criteria	taku.inohara@duke.edu
422	S. Bradley	Changes in Reimbursement and Associated Trends in Use and Outcomes of Same-day Discharge Following Elective Percutaneous Coronary Intervention	steven.bradley@allina.com
387	R. Dadu	Symptom Onset to Door Time, Door to Balloon Time and Mortality in patients with ST Elevation Myocardial Infarction	dadu@bcm.edu

February 2021

381	Ali Malik	A Patient-centered Approach to Reduce Contrast Volume during Percutaneous Coronary Intervention to prevent Acute Kidney Injury	aomalik@saint-lukes.org
366	M. Young	An Assessment of the Operator Learning Curve for Percutaneous Coronary Intervention of Chronic Total Occlusions.	mnyoung@mgh.harvard.edu
353	Yulanka Castro	Does hospital mortality performance for older patients undergoing percutaneous coronary intervention (PCI) reflect performance for all patients undergoing PCI?	yulanka.castro-dominguez@yale.edu

February 2021

297	Bob McNamara	Comparison of percutaneous coronary intervention procedures in China and the US in 2006 and 2011	robert.mcnamara@yale.edu
292	R. Nairooz	Symptom Onset to Door Time, Door to Balloon Time and Mortality in patients with ST Elevation Myocardial Infarction	ramez.nairooz@gmail.com
248	R. Yeh	Symptom Onset to Door Time, Door to Balloon Time and Mortality in patients with ST Elevation Myocardial Infarction	ryeh@bidmc.harvard.edu
168	K. Minges	TOP PCI: QUALITATIVE: A qualitative study of the organizational strategies of high and low performing PCI hospitals: insights from TOP PCI	karl.minges@yale.edu
161	Amit Amin	Variation in the incidence of contrast-induced acute kidney injury in patients undergoing PCI.	amitamin.mahi@gmail.com

CHEST PAIN – MI REGISTRY

RPA ID #	Lead Author	Title	Email
395	Nancy Albery	Changes in Aldosterone Blocking Agents and P2Y12 Administration Over Time after Implementation of the Patient Navigator program: Focus MI among	albertn@ccf.org

February 2021

		the three groups; Diplomat Hospitals (15), Non Diplomat Hospitals (67), Non Focus MI Hospitals (1033).	
394	Bashar Al Hemyari	Patient characteristics, use of ischemia testing and clinical outcomes in patients with stable ischemic heart disease undergoing percutaneous coronary intervention during the COVID-19 pandemic	bashar.Alhemyari@gmail.com
392	Sameer Saleem	Impact of the COVID-19 Pandemic on Management and Outcomes of Patients Presenting with ST Elevation Myocardial Infarction	sameersaleems@gmail.com
391	Aniruddha Singh	Management and Outcomes of COVID-19 Patients Presenting with ST Elevation Myocardial Infarction	aniruddha.singh@uky.edu
390	Hanna Ahmed	Out of hospital cardiac arrest and outcomes during the COVID-19 pandemic	hanna.ahmed@alumni.tufts.edu
389	Michael Kontos	Impact of the COVID-19 pandemic on care and outcomes of patients with STEMI and NSTEMI in the United States	michael.kontos@vcuhealth.org
388	Mazen Albaghdadi	Association of GLP-1 Receptor Agonists and Outcomes in Patients with Diabetes and Acute Myocardial Infarction	malbaghdadi@partners.org
385	Khaled Ziada	Impact of urban vs. rural residence on process and outcome of ST segment elevation myocardial infarction	khaled.ziada@gmail.com
374	Zachary Wegermann	Simultaneous STEMI Presentation: Incidence and Outcomes	zachary.wegermann@duke.edu
365	Islam Elgendy	Sex-specific Differences in In-hospital Management and Outcomes of Patients with Acute Myocardial Infarction and Cardiogenic Shock: An Analysis from the Chest Pain Registry	iyelgendy@gmail.com

February 2021

364	W. Frank Peacock	Bias Fixer	Frankpeacock@gmail.com
363	HAITHAM KHRAISHAH	Association of SGLT2 Inhibitors and Outcomes in Diabetic Patients with Acute Myocardial Infarction	hkhraish@bidmc.harvard.edu
362	Harmony Reynolds	Variability of discharge medical therapy for patients with myocardial infarction with non-obstructive coronary arteries (MINOCA) in the United States	harmony.reynolds@nyumc.org
349	Sanjay Gandhi	Reflection on the 10-year journey of the National Cardiovascular Data Registry Chest Pain – MI Registry (formerly ACTION registry) and its impact on cardiovascular outcomes in the United States	sgandhi@metrohealth.org
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	jacqueline.tamis-holland@mountsinai.org
339	Nihar Desai	Utilization of mechanical circulatory support devices among patients with acute myocardial infarction complicated by cardiogenic shock	nihar.desai@yale.edu
338	Bobak Mortazavi	ICH.3 Prediction of In-Hospital Mortality with Acute Myocardial Infarction using Machine Learning Techniques	bobakm@tamu.edu
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	mkarthik118@gmail.com
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	akochar@partners.org akochar5@gmail.com

February 2021

313	Dharam Kumbhani	Attributes of high-performing hospitals for cardiogenic shock following acute myocardial infarction	Dharam.Kumbhani@UTSouthwestern.edu
306	Jennifer Rymer	Understanding Racial Disparities in Invasive Management for Patients with Acute Myocardial Infarction and Chronic Kidney Disease	jennifer.rymer@dm.duke.edu
277	Sarah Goldstein	Implantable Cardioverter-Defibrillator Utilization Among Older Patients with Low Ejection Fraction Following Coronary Artery Bypass Grafting	sarah.goldstein@duke.edu
269	Acharya	Trends of Compliance with Guideline Directed Therapy and Performance and Quality Measures in Diabetic Patients Admitted with Acute Coronary Syndrome	drtusharacharya@gmail.com
266	Amit Amin	DEVELOPMENT AND VALIDATION OF PREDICTION MODELS OF 90-DAY RESOURCES AND COSTS OF CARE AFTER AMI TO INFORM HOSPITALS IN PREPARING FOR "BUNDLED PAYMENTS"	aamin@wustl.edu
258	F. Rodriguez	Cardiovascular disease Unmasked In DisAggregated Hispanic Data (CUIDADO)	frodrigu@stanford.edu
251	Majithia	Public Reporting and Outcomes of Patients with Out-of-Hospital Cardiac Arrest	arjun.majithia@lahey.org
243	N. Albert	Changes in Performance Measures Over Time after Implementation of the Patient Navigator program	albertn@ccf.org
237	Thomas	Comparative Methods proposal	laine.thomas@duke.edu
232	J. Wong T. Wang	Anticoagulation and antiplatelet prescribing trends in chronic kidney disease patients with atrial fibrillation who experience acute myocardial infarction: insights from the ACTION registry	jonmwong@gmail.com ; mailto:WongJon@sutterhealth.org
205	J. Udell	Frailty and Outcomes in a Large Acute Myocardial Infarction Registry: Observations from the NCDR ACTION Registry GWTG	jay.udell@utoronto.ca
204	A. Vora	Hospital Engagement in clinical participation	alexander.fanaroff@duke.edu

February 2021

196	S. Mikesell J. Sather M. Cook	Rural Systems of Care: Real World Observations and Trends in STEMI Patient Characteristics, and correlations of arrival mode to outcomes	smikesell@slhduluth.com jeffrey.sather@trinityhealth.org mindy.cook@heart.org
194	M. Garzon	Ethnic disparities in secondary prevention therapy and risk factors burden in patients with known CAD at the time of admission for ACS	magdaelizabethmd@gmail.com
178	Rodwin	Hospital variation in antiplatelet agents after myocardial infarction, an analysis of the NCDR ACTION Registry-GWTG	Benjamin.Rodwin@yale.edu
165	C. Fordyce	Linking Regional Approach to Cardiovascular Emergencies Cardiac Arrest Resuscitation System (RACE-CARS) to NCDR ACTION-GWTG Registry – Evaluating Regional Systems Of Care in Acute Coronary Syndrome Complicated By Out-of-Hospital Cardiac Arrest: Pre- and Intra-Hospital Approaches	christopher.fordyce@duke.edu

DIABETES COLLABORATIVE REGISTRY

RPA ID	Lead Author	Title	Lead Author Email
14	Vaduganathan	Patterns of Use of Glucose-Lowering Therapies by Prescriber Type in Patients with Type 2 Diabetes Mellitus: the NCDR Diabetes Collaborative Registry	mvaduganathan@bwh.harvard.edu
13	Tcheugui	Quality of Care Among Diabetic Patients with Cerebrovascular Disease compared to those with other forms of Atherosclerotic Cardiovascular Diseases (ASCVD) – The Diabetes Collaborative Registry	echouffotcheugui@gmail.com
41		Use of Bariatric Surgery Among Patients with Diabetes: Insights From The NCDR Diabetes Collaborative Registry	pjain01997@gmail.com
30	Zhudenkov	CVD-Real outcomes vs. DCR outcomes comparison	kirill.zhudenkov@msdecisions.ru
32	Medina	Description of the T2DM population that will potentially benefit from the update to ADA/EASD management guidelines.	jesus.medina@astrazeneca.com
39	Patel	Quality of Care & Prescription of Evidence-Based Glucose Lowering Therapies by Insurance Status Among Older Adults with Type 2 Diabetes Mellitus: the NCDR Diabetes Collaborative Registry	ravi.patel@northwestern.edu
8		Diabetes Belt Benchmark Report	gambinr@ccf.org

February 2021

ICD REGISTRY

RPA ID #	Lead Author	Title	Lead Author Email
78	Dhruva	Sex Differences in Long-Term Adverse Event Risk After Implantable Cardioverter-Defibrillator Implantation	sanket.dhruva@ucsf.edu
145	Bourdillion	Brief Report on DOJ	-
168	S Dhruva	Sex Differences in Patient Characteristics, Indications, and In-Hospital Adverse Events of the S-ICD	sanket.dhruva@yale.edu
185	J Prutkin	Defibrillation threshold testing in Pediatric and Congenital Heart Disease Patients	JPrutkin@cardiology.washington.edu
218	Aslam	Longitudinal Outcomes Associated with Non-Evidence-Based ICD Implantations Among Medicare Beneficiaries: A Report from the National Cardiovascular Data Registry.	faisal.aslam@yale.edu
239	A Annapureddy	Survival Following Implantable Cardioverter-Defibrillator Implantation in Patients Sarcoid Cardiomyopathy Compared with Other Non-Ischemic Cardiomyopathies	aramarnath@yahoo.co.in
134	N. Chen	Clinical and Mechanical Complications after Primary Implantable Cardioverter Defibrillator in Elderly Heart Failure Patients	natash.cy@gmail.com
186	K Bilchick	Risk Stratification for ICD Generator Changes in the ICD Registry	bilchick@virginia.edu
192	Yousuf	Appropriateness of ICD and CRT-D	-

February 2021

211	V Kutyifa	ICD in Patients with Non-ischemic Cardiomyopathy in the United States – Insights from the NCDR ICD Registry (DANISH)	valentina.kutyifa@heart.rochester.edu
212		Validation of SCD HeFT in ICD	-
220	Ryan Borne	Trends in use of single versus dual chamber ICDs among patients without a pacing indication in the NCDR ICD Registry	RYAN.BORNE@CUANSCHUTZ.EDU
241	Resnic	ICD-DELTA Study	-
151	Dan Friedman	Longitudinal Outcomes After Implantation of a Subcutaneous or Transvenous ICD: A Report from the NCDR	daniel.friedman@duke.edu
227	Chui	Medicare Claims-Based Analyses to Inform the Electrophysiology Predictable and Sustainable Implementation of National Registries (EP PASSION) Project	philchui fwd@gmail.com
240	Chui	Failure to use CRT among eligible patients and association with long-term outcomes	philchui fwd@gmail.com
243	Hsu	Temporal Trends and Outcomes Among Recipients of Cardiac Resynchronization Therapy in the United States, 2012-2016: Insights from the National Cardiovascular Data Registry	Jonathan.Hsu@ucsd.edu
248	Zeitler	Outcomes of Patients with Recalled ICD Leads	emily.zeitler@duke.edu
161	J Akar	Predictors of RV Pacing and Pacing-Induced Adverse Outcomes	joeakar@gmail.com
176	Minges	Characteristics of hospitals performing differently on ICD and CathPCI discharge measures	msimanowith@acc.org
178	Sharma	Outcomes in patients with diabetes receiving a subcutaneous implantable cardioverter defibrillator.	Esseim.Sharma@Lifespan.org
225	Cha	Survival and ICD therapy after CRT-D generator replacement in patients with normalized or improved LVEF	ycha@mayo.edu
249	Daniel Friedman	Left ventricular lead implant failure in the United States: A Report from the NCDR ICD Registry	daniel.j.friedman@yale.edu

February 2021

262	Andrew Krumerman	Complications after CIED implantation following cessation of elective procedures during the COVID 19 crisis.	dkkd75@hotmail.com
263	Grace Lin	Impact of CMS Mandate on Shared Decision-making for ICD Implantation for Primary Prevention	grace.lin@ucsf.edu
264	Goldstein	Implantable Cardioverter Defibrillator Use Among Patients with Hypertrophic Cardiomyopathy: A Focus on Utilization and Outcomes in Older Patients	sarah.goldstein@duke.edu

IMPACT REGISTRY

RPA ID #	Lead Author	Title	Author Email
73	Dustin Nash	Evaluation of the Effect of Center Procedural Volume on Outcomes of Pediatric Catheter Ablation	dustynash@gmail.com
70	Brian Morray	Evolving Utilization of Covered Stents in Patients Undergoing Transcatheter Therapy for Aortic Coarctation or Right Ventricular Outflow Tract Dysfunction	Brian.Morray@seattlechildrens.org
68	Shriprasad Deshpande	Indications and Safety of Endomyocardial Biopsy in Pediatric Heart Transplant Patients: Analysis of the IMPACT Registry Data	deshpandes@kidsheart.com
65	Maully Shah	Effect of Ablation Energy Source on Outcomes of Pediatric AVNRT Ablation: RF vs. Cryo	shahm@email.chop.edu
64	Christopher Janson	Effect of Patient Size on Procedural Outcomes in Pediatric Patients Undergoing EP Study and Catheter Ablation for Wolff-Parkinson-White Syndrome	jansonc@email.chop.edu
53	Shriprasad Deshpande	Atrial Septostomy in Patients Supported With Venoarterial Extracorporeal Membrane Oxygenation: Analysis of the IMPACT Registry Data	sdeshpan@childrensnational.org

February 2021

51	Christopher Janson	Comparison of Outcomes of Pediatric Supraventricular Tachycardia Ablation Under Sedation Versus General Anesthesia	jansonc@email.chop.edu
48	Doff McElhinney	Standards of Care for Pulmonary and Aortic Balloon Valvuloplasty in Children, Adolescents, and Young Adults with Congenital Heart Disease	doff@stanford.edu
35	A. Stefanescu	Interventions for coarctation of the aorta in adults- a report from the IMPACT registry	ada.stefanescu@mgh.harvard.edu
34	Ada Stefanescu Schmidt	Use of transcatheter pulmonary valve replacement in patients with congenital heart disease- a report from the IMPACT registry	ada.stefanescu@mgh.harvard.edu
29	Natalie Jayaram	Prediction of adverse events after catheter-based procedures in congenital heart disease in the IMPACT registry.	njayaram@cmh.edu
27	Aimee Armstrong	The IMPACT of Reducing Radiation Risk: An NCDR QI Project	Aimee.Armstrong@nationwidechildrens.org

LAAO REGISTRY

RPA ID #	Lead Author	Title	Author Email
----------	-------------	-------	--------------

February 2021

81	Jeptha Curtis	Development and Validation of Artificial Intelligence Adverse Event Adjudication for a Large U.S. National Registry	jeptha.curtis@yale.edu
80	Matthew Price	One Year Clinical Outcomes After Transcatheter Left Atrial Appendage Occlusion For Stroke Prevention in Patients With Atrial Fibrillation: A Report from the NCDR LAAO Regist	price.matthew@scrippshealth.org
79	Andrew Goldsweig	Association of Antithrombotic Regimen with Ischemic and Hemorrhagic Outcomes Following Left Atrial Appendage Occlusion: Insights from the NCDR LAAO Registry	andrew.goldsweig@unmc.edu
73	Amneet Sandhu	Device-size Related Complications Associated with Left Atrial Appendage Occlusion: Findings from the NCDR LAAO Registry	AMNEET.SANDHU@CUANSCHUTZ.EDU
61	Matthew Price	Peri-procedural pericardial effusion associated with transcatheter LAA closure in the NCDR LAAO registry: incidence, risk factors, and clinical outcomes.	price.matthew@scrippshealth.org
59	Chengan Du	Safety and Effectiveness of Left Atrial Appendage Closure in Atrial Fibrillation (SAFELY-AF) Aim 2.	chengan.du@yale.edu
58	Jeptha Curtis	Safety and Effectiveness of Left Atrial Appendage Closure in Atrial Fibrillation (SAFELY-AF) Aim 1.	jeptha.curtis@yale.edu
57	Jeptha Curtis	Safety and Effectiveness of Left Atrial Appendage Closure in Atrial Fibrillation (SAFELY-AF) Aim 4.	jeptha.curtis@yale.edu
56	Karl Minges	Safety and Effectiveness of Left Atrial Appendage Closure in Atrial Fibrillation (SAFELY-AF) Aim 3	karl.minges@yale.edu

February 2021

46	Douglas Darden	Gender Differences in Outcomes with Patients Undergoing Percutaneous Left Atrial Appendage Occlusion: Insights from the NCDR LAAO Registry	dardendoug@gmail.com
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)	beenugaurav@hotmail.com
39	James Freeman	"Safety and Effectiveness of Left Atrial Appendage Closure in Atrial Fibrillation" (SAFELY-AF) Aim 2: Evaluating the demographics and medical comorbidities for patients in the LAAO Registry that are associated with major adverse events and developing a risk model	james.freeman@yale.edu
38	James Freeman	"Safety and Effectiveness of Left Atrial Appendage Closure in Atrial Fibrillation" (SAFELY-AF): Aim 1: A comparison of short-term rates of major adverse events for patients in the pivotal LAAO randomized trials with rates for patients in community-practic	james.freeman@yale.edu
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)	Jennifer.Williams2@bsci.com
33	Ellenhogen	Real World Outcomes with WATCHMAN: 7-Day Safety and 45-Day Results from the NESTed Post Approval Study	kenneth.ellenbogen@vcuhealth.org
32	Mohamad Alkhouli	Incidence and Outcomes of Peri-Device Leak Following Left Atrial Appendage Occlusion; Insights from the LAAO Registry.	adnanalkhouli@gmail.com

February 2021

21	Angela Higgins	Patterns of Peri-procedural Anticoagulation and Anti-platelet therapy for Left Atrial Appendage Occlusion in the United States	angela.y.higgins@gmail.com
19	Usama Daimee	Indications for Left Atrial Appendage Occlusion in the United States	usama.daimee@yale.edu
9	James Freeman	Left Atrial Appendage Occlusion Safety and Effectiveness Study.	james.freeman@yale.edu
4	Jennifer Williams	WATCHMAN US Post-Implant Drug Therapy Analysis	Jennifer.Williams2@bsci.com

PINNACLE REGISTRY

RPA ID	Lead Author	Title	Lead Author Email
35	Paul Hess	Uptake of Novel Oral Anticoagulants in Patients with Non-Valvular and Valvular Atrial Fibrillation: Results from the NCDR® PINNACLE Registry®	
83	Jonathan Wong	Comparison of major bleeding risk in outpatients with atrial fibrillation on oral anticoagulants: data from the NCDR PINNACLE registry	WongJon@sutterhealth.org
119	David Lee	Practice-Level Variation in Secondary Prevention Treatment Among Patients with Peripheral Artery Disease: Insights From the NCDR PINNACLE Registry	David.Lee@unchealth.unc.edu
131	Bill Borden	Reducing Cardiovascular Risk in the Medicare Million Hearts Risk Reduction Model (strategic ms #1)	wborden@mfa.gwu.edu
154	Mayank Sardana	Association between neighborhood socioeconomic status and quality of outpatient cardiovascular care in the PINNACLE registry	drmayank.sardana@gmail.com

February 2021

172	Casey Cavanagh	Advanced care planning discussions among outpatients with heart failure	Casey.Cavanagh@virginia.edu
176	Kevin Gu	Atrial fibrillation in Asian Americans: Cross Sectional Analysis of the PINNACLE registry	kevin.gu025@gmail.com
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	HGAGGIN@mgh.harvard.edu
106	Kamal Henderson	Gender Differences in Long Term Cardiovascular Outcomes among Women and Men with Atrial Fibrillation: A Review from the NCDR	Stacie.Daugherty@ucdenver.edu
127	Prateeti Khaznie	Provider-Level Variation in the Guideline Concordant Management of Cardiovascular Disease: Insights from NCDR PINNACLE	PRATEETI.KHAZANIE@UCDENVER.EDU
135	Justin Sadhu	Use, Safety, and Effectiveness of Novel Oral Anticoagulants in Overweight and Obese Patients with Atrial Fibrillation	j.sadhu@wustl.edu
136	Karl Minges	Practice-level variation in guideline-recommended patient education among outpatients with heart failure: Insights from the PINNACLE Registry	karl.minges@yale.edu
144	Eric Stecker	The influence of insurance expansion on cardiovascular preventive care	steckere@ohsu.edu
146	Daniel Blumenthal	Geographic, Provider, and Patient-Level Variations in the Use of Proprotein convertase subtilisin/kexin type 9 (PCSK9) Inhibitors: A Report from the NCDR's Pinnacle Registry	dblumenthal1@partners.org
184	Salim Virani	Impact of the 2017 ACC/AHA Guideline for the Management of High Blood Pressure on Contemporary Cardiovascular Practices: Insights from the NCDR® PINNACLE® Registry	virani@bcm.edu
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	aramarnath@gmail.com
196	Christopher Cannon	The Benchmarking an Oral Anticoagulant Treatment Rate in Patients with Nonvalvular Atrial Fibrillation (BOAT-AF) study: A prospective, multicenter study evaluating perspectives on use of oral anticoagulation using a patient survey and clinical review by t	christopher.cannon@baiminstitute.org
198	Vittal Hejjaji	Predictors of Smoking Cessation among Outpatients with Atherosclerotic Cardiovascular Disease	vitty.hejy@gmail.com

February 2021

205	Jonathan Hsu	Contemporary Compliance with the 2016 ACC/AHA Clinical Performance and Quality Measures for Adults with Atrial Fibrillation or Atrial Flutter: Insights from the NCDR PINNACLE Registry®. (Strategic #3)	Jonathan.Hsu@ucsd.edu
207	Ravi Hira	Impact of the 2019 ACC/AHA Guidelines on the Primary Prevention of Cardiovascular Disease recommendations on the inappropriate and lack of appropriate use of aspirin for primary prevention of cardiovascular disease in Cardiology practices: Insights from the NCDR (R2P)	
140	Erica Spatz	Association between Accountable Care Organization participation and Quality of Outpatient Cardiovascular Care	erica.spatz@yale.edu
206	Rajesh Dash	A novel, evidence-based AI engine identifies real-world, high impact care gaps at scale: a proposal for stroke prevention opportunities in 13 million patients from the largest cardiovascular registry	-
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	kpundi@stanford.edu
215	Paul Hess	Practice-Level Compliance with Cardiac Performance Measures and Outcomes in US Ambulatory Care: Findings from the NCDR PINNACLE Program	PAUL.HESS@UCDENVER.EDU
216	Firas Al Badairn	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	fabadairn@saint-lukes.org
221	Daniel Silverman	Association of beta-blocker use and heart failure hospitalizations in patients with HFpEF: Findings from the PINNACLE Registry	daniel.silverman@uvmhealth.org
178	Joshua Mitchell	Angiotensin Receptor-Nepriylsin Inhibitor Utilization in PINNACLE Patients: An NCDR Research to Practice Project	joshmitchellmd@gmail.com
218	Joe Allen	Transform LDL	
147	Neil Gordon	Traditional Cardiac Rehabilitation versus Telephonic Health Coaching: Effect on Program Participation and Completion Rates, Participant and Physician Satisfaction, and Multiple Risk Factors	

PVI REGISTRY

RPA ID	Lead Author	Title	Lead Author Email
20	Sefley	A Risk Model of Acute Kidney Injury in Patients Undergoing Peripheral Vascular Intervention: From the National Cardiovascular Data Registry Peripheral Vascular Intervention (NCDR PVI) Registry™.	dsefley@saint-lukes.org
34	Secemsky	Outcomes following Carotid Artery Stenting compared with Carotid Endarterectomy among Patients with Contralateral Carotid Occlusion: An Analysis from the NCDR PVI Registry	esecemsky@mgh.harvard.edu
15	Qamar	Impact of Annual Operator Volumes on Outcomes after Lower Extremity Endovascular Revascularization: Insights from the NCDR-PVI Registry	armanqamar@gmail.com
21	Salisbury	A Risk Model of Bleeding in Patients Undergoing Peripheral Vascular Intervention: From the National Cardiovascular Data Registry Peripheral Vascular Intervention (NCDR PVI) Registry™	salisbury.adam@yahoo.com
12	Secemsky	Guideline-Directed Medical Therapy among Patients with Peripheral Arterial Disease Undergoing Peripheral Vascular Revascularization: An Analysis from the NCDR PVI Registry	esecemsky@partners.org
17	Julien	Racial and Ethnic Disparities in Characteristics and Outcomes of Patients Referred for Peripheral Vascular Intervention: Analysis from the PVI Registry	howard.julien@uphs.upenn.edu

February 2021

25	Kobayashi	The effect of an intentional subintimal approach to chronic total occlusions in the superficial femoral artery: Insights from the NCDR PVI Registry	taisei.kobayashi@uphs.upenn.edu
40	Gales	Cardiovascular Outcomes and Risk Prediction Following Peripheral Endovascular Intervention in the Treatment of Symptomatic Peripheral Artery Disease: An Analysis from the ACC PVI Registry with Linked Medicare Claims Data	-
49	Albaghdadi	Contemporary patterns of vessel preparation among patients undergoing peripheral vascular intervention in the United States: insights from the National Cardiovascular Data Registry	malbaghdadi@partners.org
50	Merrill Thomas	Optimal Medical Therapy in Patients Undergoing Invasive Interventions for Peripheral Artery Disease	thomasmer@umkc.edu
64	Balijepalli	Procedures Utilizing the AngioSculpt (AS) PTA Scoring Balloon Device	-
63	Ravid Katchalski	TBD	ravid.sasson-katchalski@philips.com

STS/ACC TVT REGISTRY

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
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<ttanawu@iu.edu>">Tanawuttiwat, Tanya <ttanawu@iu.edu>
472	Cohen	Impact of Embolic Protection Devices on TAVR Outcomes: An Instrumental Variable Analysis	djc795@gmail.com
114	Maniar	Impact of the Presence of Coronary Artery Disease and the Revascularization on Outcomes of Patients Undergoing Transcatheter Aortic Valve Replacement: Insights from STS/ACC TVT Registry	maniarh@wustl.edu
117	Sherwood	The Use of Red Blood Cell Transfusion and Outcomes after TAVR: Insights from the STS/ACC TVT Registry®	matthew.sherwood@duke.edu
260	Bishawi	Failure to Rescue in Transcatheter Aortic Valve Replacement	muath.bishawi@duke.edu
285	Van Assche	Change in Mitral Valve Gradient Following Mitraclip Repair and Correlation to 30-day and 1 year outcomes	lowie.assche@northwestern.edu

February 2021

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
406	Vemulapalli	Improving Data Completeness and Expanding Available Data Elements in the TVT Registry through the use of Electronic Health Record Based Data: Linking the TVT Registry and PCORnet	sreekanth.vemulapalli@duke.edu
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
458	Guerrero	Clinical outcomes of Mitral Valve-in-Valve using the SAPIEN 3 Transcatheter Heart Valve	mayraguerrero@me.com
474	Hung	Association between Embolic Protection Device use and Reimbursement Rates for Transcatheter Aortic Valve Replacement	anna.hung@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
592	Attizzani	Redo Transcatheter Aortic Valve Replacement with the Supra-Annular, Self-Expandable Evolut Platform: Insights from the TVT Registry	guilherme.attizzani@uhhospitals.org
176	Arnold	Comparison of Physician- and Patient- Reported Health Status Before and After TAVR	sva1024@yahoo.com
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

February 2021

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
447	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
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
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
479	Nelson	Procedural Volumes versus Outcomes Measurements for Identifying Low and High Performing TAVR Centers	a.nelson@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
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

February 2021

532	Khera	Incidence, Trends and Outcomes of Non-Access site Bleeding After Transfemoral Transcatheter Aortic Valve Replacement	khera_sahil@hotmail.com
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
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
353	Villablanca	Sex-Based Differences in Outcomes After Transcatheter Repair of Mitral Regurgitation with the MitraClip System	pedrovillablanca@hotmail.com
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
440	Julien	Acute Kidney Injury in Transcatheter Aortic Valve Replacement	hmartinjulien@gmail.com
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-Transcatheter Aortic Valve (TAV-IN-TAV) study from STS/TVT registry.	maninder.amc@gmail.com

February 2021

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
273	Das	Does the Mitraclip NT Device, improve procedural results and short-term clinical outcomes compared to the first generation Mitraclip device?	dasxx007@umn.edu
404	Saidi	Mitral clip feasibility in nonagenarians: Insights from the STS/ACC TVT registry	abdufattah.saidi@hsc.utah.edu
405	Fraser	The Impact of Valve-in-Valve Transcatheter Aortic Valve Replacement on Outcomes in Patients with Degenerative Bioprosthetic Aortic Valves	cfrase11@jhmi.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
455	Desai	Development of a 30 day mortality/morbidity composite risk model for pts w/TAVR	nimesh.desai@uphs.upenn.edu
456	Tang	Incidence and Impact of Prosthesis-Patient Mismatch using Self-expanding Bioprosthesis in TAVR: A Report from the ACC/STS TVT Registry	doctor.gilberttang@gmail.com
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	jmccabe@uw.edu
509	Nazif	Comparative Analysis of the Clinical Outcomes of the SAPIEN 3 Ultra and SAPIEN 3 Transcatheter Heart Valves (THV)	tnazif@gmail.com

February 2021

561	Raj Makkar	Outcomes of Transcatheter Aortic Valve Replacement with a Balloon-Expandable Valve for Bicuspid vs Tricuspid Aortic Stenosis	Raj.Makkar@cshs.org
-----	------------	--	--

February 2021