

In Process, Unpublished NCDR Manuscripts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.

CATH PCI REGISTRY

RPA ID #	Lead Author	Title	Lead Author Email
596	Andrew Michaels	Percutaneous Coronary Intervention after Transcatheter Aortic Valve Replacement: Insights from the CathPCI Registry	andrew.michaels@saintalphonsus.org
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
590	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) Initiative, 2008-2017	Rohan.Khera@UTSouthwestern.edu
588	James Hansen	Comparative Safety of Orbital Atherectomy versus Rotational Atherectomy	james.w.hansen@lahey.org

587	Chirag Bavishi	Temporal trends, patient and procedural characteristics, predictors and outcomes of drug-eluting stent in-stent restenosis from the CathPCI registry	Cbavishi@lifespan.org
586	Guillaume Marquis-Gravel	Pre-Operative Cardiac Catherization and PCI Prior to High-Bleeding Risk Non-Cardiac Surgeries: A Descriptive Analysis from the CathPCI Registry.	guillaume.marquis.gravel@duke.edu
585	Stephen Waldo	Patient characteristics and clinical outcomes among patients undergoing percutaneous coronary intervention with military insurance	stephen.waldo@ucdenver.edu
584	Partha Sardar	Gender differences in Percutaneous Coronary Intervention Process and Outcomes Measures; Insights from the NCDR CathPCI Registry	psardar@lifespan.org
583	Denise Auberson	Trends in the utilization and outcomes of non-invasive testing in stable symptomatic pateints referred for cardiac catheterization: Insight from the NCDR® database.	aubersond@mlhs.org
582	Patrick McNair	Predictors and Outcomes of No-Reflow in Very Late Presenting ST-Elevation Myocardial Infarction	pwm5g@hscmail.mcc.virginia.edu
581	Ehimen Aneni	Relationship Between Industry Payments to Physicians and Stent selection and Prescription Patterns for anti-platelet agents: A Report from the NCDR's CathPCI Registry	ehimen.aneni@yale.edu

580	Denada Palm	Investigating temporal changes in arterial access site from the femoral artery to the radial artery in patients undergoing complex PCI	dpalm5@uic.edu
578	Abhishek Sawant	Comparison of Outcomes Among Patients Undergoing Rotational vs. Orbital Atherectomy assisted Percutaneous Transluminal Coronary Angioplasty: A Real World Experience	acsawant@gmail.com
577	Ali Malik	Association between hospital reimbursement models and rates of normal elective coronary angiograms.	
575	Neel Butala	Trends in unstable angina among patients undergoing PCI	nmbutala@gmail.com
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	Evaluating Personalized Treatment Effectiveness of PCI Bleeding Avoidance Strategies Using the CathPCI Registry	bobak.mortazavi@yale.edu

569	Bobak Mortazavi	Dynamic Changes to Risk of Post-PCI Major Bleeds Throughout a Cardiac Catheterization Laboratory Visit Using the CathPCI Registry	bobak.mortazavi@yale.edu
568	Karthik Murugiah	Machine learning techniques to enhance the prediction of acute kidney injury after percutaneous coronary intervention	karthik.murugiah@yale.edu
565	Abdul Moiz Hafiz	Comparison of post-percutaneous coronary intervention outcomes among patients treated by male and female interventionists	hafizabdulmoiz@hotmail.com
560	Christian McNeely	The Association of 'surgical ineligibility' with mortality and PCI complications among patients undergoing unprotected left main PCI: Insights from the NCDR CathPCI Registry	mcneely011@gmail.com
558	Manoj Thangam	A Novel Risk Prediction Model to Predict the Risk of Vascular and Bleeding Complications in Impella Assisted High-Risk Percutaneous Coronary Interventions	mthangam@wustl.edu
543	Charles Beale	Development and validation of a model to predict in-hospital ischemic stroke complicating percutaneous coronary intervention	cbeale@lifespan.org
528	Sajjad Raza	Impact of Large Clinical Trials on Coronary Revascularization Practice in the United States	sajjad.raza@uhhospitals.org
527	Jeffrey Bruckel	Impact of High-Sensitivity Troponin on Patient Presentation and Revascularization	jeffrey_bruckel@urmc.rochester.edu
526	Moses Wananu	The Association between Addition of Trans-Radial Operators and Hospital PCI Practice	moseagilly@gmail.com

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
523	A. Kirtane	Uptake and Utilization of Drug-eluting Bioresorbable Vascular Scaffolds: A CathPCI Registry Study	ak189@mail.cumc.columbia.edu
522	Hector Tamez Aguilar	Long-term Outcomes and Resource Utilization Associated with Coronary Stent Restenosis	htamez@icloud.com
522	Tamez	Long-term Outcomes and Resource Utilization Associated with Coronary Stent Restenosis	htamez@bidmc.harvard.edu
495	Purav Mody	Coronary Angiography and Outcomes After In-Hospital Cardiac Arrest	Puravmody@gmail.com
494	Xie	The omission of heart transplant recipients from the Appropriate Use Criteria for Revascularization and its impact on high-volume heart transplant centers	joe.xie@emory.edu
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
485	Sawan Jalnapurkar	Temporal Trends, Gender and Ethnic Differences in yield of Non Obstructive Coronary Artery Disease in Elective Coronary Angiography : Findings from NCDR CatchPCI Database	sjalnap@gmail.com
477	J. Abbott	Contemporary Patterns and Trends in Duration of Antiplatelet Therapy After Percutaneous Coronary Intervention in Patients on Oral Anticoagulants	JAbbott@Lifespan.org
469	Priscilla Hsue	Management and outcomes of HIV-infected individuals undergoing PCI	priscilla.hsue@ucsf.edu
468	David Manly	Complications from PCI cases following major cardiovascular society meetings	david.manly@duke.edu
466	Lee Linstroth	Current trends in multivessel percutaneous revascularization and 30-day readmissions in STEMI patients	Lee.Linstroth@hsc.utah.edu
449	James Blankenship	Audits for Accuracy of the NCDR CathPCI Registry	jblankenship@geisinger.edu
446	Javier Valle	Temporal Trends in Unprotected Left Main Coronary Artery Percutaneous Coronary Intervention in the United States from 2009-2016: Insights from the National Cardiovascular Data Registry	javier.valle@ucdenver.edu

442	I. Moussa	Temporal Trends in Usage and In Hospital Clinical Outcomes of PCI for the Treatment of in Stent Restenosis vs. De Novo Coronary Artery Disease: A Report from the NCDR® CathPCI Registry	drmoussa@hotmail.com
440	K. Faridi	Ad hoc Percutaneous Coronary Intervention in Patients with Stable Coronary Artery Disease	kfaridi@bidmc.harvard.edu
426	A. Lowenstern	Current Landscape of Hybrid Revascularizations: A Report from the National Cardiovascular Data Registry	angela.sandelin@dm.duke.edu
422	S. Bradley	Trends in Use, Outcomes, and Cost Implications of Same Day Discharge Following Elective Percutaneous Coronary Intervention	steven.bradley@allina.com
419	J. Rymer	Comparison of Rates of Bleeding and Vascular Complications Before, During, and After Trial Enrollment in the SAFE-PCI Trial for Women	jennifer.rymer@duke.edu
405	D. Feldman	Stent Selection Among Patients with End Stage Renal Disease Undergoing Elective Percutaneous Coronary Interventions	danfeldman.email@gmail.com
391	E. Secemsky	Use and Effectiveness of Manual Aspiration Thrombectomy during Primary Percutaneous Coronary Intervention for the Treatment of ST-Elevation Myocardial Infarction in the US: An Analysis from the NCDR CathPCI Registry	esecemsky@partners.org
381	Ali Malik	A Patient-centered Approach to Reduce Contrast Volume during Percutaneous Coronary Intervention to prevent Acute Kidney Injury	aomalik@saint-lukes.org
374	N. Beohar	Trends in Usage and Clinical Outcomes of Coronary Atherectomy for the Treatment of Severe Coronary Artery Disease: A Report from the NCDR® CathPCI Registry	Nirat.Beohar@msmc.com
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 K. Dharmarajan	Does hospital mortality performance for older patients undergoing percutaneous coronary intervention (PCI) reflect performance for all patients undergoing PCI?	yulanka.castro-dominguez@yale.edu kumar.dharmarajan@yale.edu
305	A. Fanaroff	(305B) Temporal trends and regional patterns of operator percutaneous coronary intervention volume in the United States.	alexander.fanaroff@dm.duke.edu
297	Bob McNamara Nicholas Downing	Comparison of percutaneous coronary intervention procedures in China and the US in 2006 and 2011	robert.mcnamara@yale.edu nicholas.downing@yale.edu
276	Rachel Dreyer	The Prevalence, Determinants and Outcomes of Myocardial Infarction with Non-Obstructive Coronary Arteries (MINOCA)	rachel.dreyer@yale.edu

CHEST PAIN - MI REGISTRYO

RPA ID #	Lead Author	Title	Email
347	Karl Minges	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	karthik.murugiah@yale.edu
346	Jeremy Turlington	Use, Trends, Adjunct Treatments and Outcomes of patients treated with Fibrinolytics With and Without Subsequent PCI	jeremy.turlington@vcuhealth.org
345	Tariq Marroush	Characterization of Coronary Artery Disease in Young African-American Patients	tariqmarroush@hotmail.com
343	Cian McCarthy	Home-Time after Acute Myocardial Infarction: a report from the NCDR ACTION Registry-GWTG (National Cardiovascular Data Registry Acute Coronary Treatment and Intervention Outcomes Network Registry—Chest Pain Registry).	CMCCARTHY37@PARTNERS.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
341	Majid Asawaer	Outcomes with Mechanical Circulatory Support for Acute Myocardial Infarction Complicated by Cardiogenic Shock: Insights from the NCDR Chest Pain - MI Registry	masawaer@gmail.com
338	Bobak Mortazavi	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	ajar.kochar@duke.edu
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
300	Leila Haghighat	A Patient- and Hospital-Level Analysis from the NCDR ACTION Registry-GWTG	leila.haghighat@yale.edu
286	Harmony Reynolds	Circadian and seasonal patterns of MI by sex and CAD status in ACTION	harmony.reynolds@nyumc.org
279	A. Pandey	Racial differences in temporal trends in Readmission Rate for acute myocardial infarction at NCDR-ACTION Hospitals Based on their Penalty Status Under the Hospital Readmission Reduction Program	ambarish.pandey@outlook.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
261	A. Fanaroff	Is routine intensive care unit utilization associated with greater patient satisfaction, better care and better long-term outcomes for patients with non-ST-elevation myocardial infarction?	alexander.fanaroff@dm.duke.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
237	Thomas	Comparative Methods proposal	laine.thomas@duke.edu
236	J. Rymer	Readmission Patterns and Outcomes of Acute Myocardial Infarction Patients Readmitted to a Different Hospital	jennifer.rymer@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
219	A. Bagai	Cognitive Impairment and Outcomes in Older Patients with Acute Myocardial Infarction: A Report from the National Cardiovascular Data Registry.	bagaia@smh.ca
216	D. Feldman	Myocardial infarction and atrial fibrillation, evaluation of management and outcomes in the age of novel oral anticoagulants: a report from the NCDR ACTION® Registry.	feldmd01@hotmail.com
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
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	elizabeth-mora-garzon@ouhsc.edu
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
158	N. Desai	Hospital Performance on the NCDR ACTION Registry-GWTG “All-or-None Composite Measure	nihar.desai@yale.edu
139	McNamara	Comparison of treatments and outcomes among patients with STEMI in China and US in 2011	robert.mcnamara@yale.edu nicholas.downing@yale.edu
126	M. Kontos	Variation in Hospital Mortality for STEMI Patients who have Cardiac Arrest Undergoing Primary PCI	mkontos@mcvh-vcu.edu mckontos@vcu.edu
84	F. Kureshi P. Sharma	Treatment, Trends and Outcomes of Late Presenting ST-Elevation Myocardial Infarction.	kureshifaraz@hotmail.com praneetks@gmail.com

IMPACT REGISTRY

RPA ID	Lead Author	Title	Author Email
55	Lina Ya'Qoub	Gender-Based Differences in Clinical Outcomes and Bleeding Risk in Patients with Pulmonic Valve Stenosis Undergoing Pulmonary Valvuloplasty	yaqoub_lina@hotmail.com
53	Shriprasad Deshpande	Atrial Septostomy in Patients Supported With Venoarterial Extracorporeal Membrane Oxygenation: Analysis of the IMPACT Registry Data	sdeshpan@childrensnational.org

51	Christopher Janson	Comparison of Outcomes of Pediatric Supraventricular Tachycardia Ablation Under Sedation Versus General Anesthesia	jansonc@email.chop.edu
50	Ralf Holzer	Re-interventions after pulmonary artery rehabilitation	ralfholzer@gmail.com
49	Kevin Hill	Linkage of the ACC-NCDR IMPACT Registry and the STS Congenital Heart Surgery Database to evaluate safety and efficacy of post-operative cardiac catheterization	kevin.hill@duke.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
44	Michael O'Byrne	Sedation and Anesthesia Strategies and Outcomes in Pediatric/Congenital Cardiac Catheterization	obyrnem@email.chop.edu
43	Lisa Bergersen	Validating the IMPACT Registry Risk-Standardization Model in IMPACT version 2	Lisa.Bergersen@CARDIO.CHBOSTON.ORG
42	Zachary Hena	Safety and Efficacy of Pediatric Cardiac Catheterization while on ECMO: A report from the IMPACT Registry	zhena@montefiore.org
39	Varun Aggarwal	Radiation dosage in pediatric and adult cardiac catheterization laboratory: data from IMPACT registry	drvarunaggarwal@gmail.com
38	Varun Aggarwal	Transhepatic approach for catheter interventions in children and adults: usage and complications	drvarunaggarwal@gmail.com
37	Brian Boe	Transradial Access for Congenital Cardiac Catheterizations: Insights from the IMPACT Registry™	brian.boe@nationwidechildrens.org

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
33	Pankaj Madan	Practice patterns and post-procedure outcomes in patients undergoing transcatheter pulmonary valve replacement	pankajmadanmd@gmail.com
32	Manish Bansal	Impact of a trainee in pediatric cardiac catheterization	manish-bansal@uiowa.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
26	Andrew Glatz	Database-registry linkage of IMPACT® Registry to Pediatric Health Information System (PHIS) to measure the incidence of endocarditis following transcatheter pulmonary valve replacement	glatz@email.chop.edu
16	Michael O'Byrne	Evaluation of Failure to Rescue as Quality Metric in Pediatric Cardiac Catheterization: An Analysis of the IMPACT Registry	mlo2009@gmail.com mlobyrne@childrensnational.org obyrnem@email.chop.edu

ICD REGISTRY

RPA ID	Title	Lead Author Email
72	Outcomes Among Medicare Beneficiaries Are Optimized When Primary ICD Implant Occurs During Elective Rather Than Unplanned Hospitalization	gcstewart@partners.org

RPA ID	Title	Lead Author Email
98	Changes in the practice of defibrillation testing during initial insertion of implantable cardioverter defibrillators and its effect on patient outcomes: A retrospective analysis of the NCDR ICD Registry.	tiffany.callaway@duke.edu
127	Can machine learning complement traditional medical device surveillance? A case study of dual-chamber implantable cardioverter-defibrillators	harlan.krumholz@yale.edu
136	Quadripolar vs. Bipolar Left Ventricular Leads in Cardiac Resynchronization Therapy: An Analysis from the National Cardiovascular Data Registry	ehakemi@cookcountyhhs.org
137	Outcomes among CRT Patients with Nonspecific Conduction Delay Compared to RBBB	hkawata@uci.edu
146	Characteristics and Outcome of Pediatric Patients Who Undergo Placement of Implantable Cardioverter-Defibrillator - An Insight from the National Cardiovascular Data Registry (NCDR)	Shankar.Baskar@cchmc.org
150	Timing of ICD Placement for Primary Prevention from Last Hospitalization for Heart Failure-Patient Characteristics, Periprocedural Complications, Post-Discharge Outcomes	andrew.ambrosy@duke.edu
162	Survival after ICD Implantation in Patients With Advanced Heart Failure	marat.fudim@duke.edu
171	Association of Physician Certification with Long-term Outcomes of Implantable Cardioverter-Defibrillator Implantations	
193	Weight Status and Outcomes of CRT in Patients With Heart Failure	jechouffotcheugui@bwh.harvard.edu

RPA ID	Title	Lead Author Email
TBD	Assessing Outcomes and Costs of Remote Patient Monitoring Among Patients with Implanted Cardiac Defibrillators: An Economic Model Based on the PREDICT RM Database	joeakar@gmail.com
107	Association Between Sunshine Act Physician Payments and Appropriateness with Selection of ICDs	Dr.shadyhenien@gmail.com
128	Outcomes of primary prevention ICD generator replacement in patients with recovered LV systolic function	ictthomas@ucsd.edu
132	Off-Label CRT-D Implantation in the United States from 2012-2015	AMNEET.SANDHU@UCDENVER.EDU
134	Clinical and Mechanical Complications after Primary Implantable Cardioverter Defibrillator in Elderly Heart Failure Patients	natash.cy@gmail.com
161	Predictors of RV Pacing and Pacing-Induced Adverse Outcomes	joeakar@gmail.com
176	Characteristics of hospitals performing differently on ICD and CathPCI discharge measures	msimanowith@acc.org
193	Weight Status and Outcomes of CRT in Patients With Heart Failure	jechouffotcheugui@bwh.harvard.edu
211	ICD in Patients with Non-ischemic Cardiomyopathy in the United States – Insights from the NCDR ICD Registry (DANISH)	valentina.kutyifa@heart.rochester.edu

RPA ID	Title	Lead Author Email
104B	Survival Benefit from the Resynchronization and Defibrillator Components of Cardiac Resynchronization Therapy Defibrillators in the NCDR ICD Registry	bilchick@virginia.edu
TB submitted	Prediction model	soko.setoguchi@duke.edu
TB submitted	Trial vs. registry CAS patients	Jessica.Jalbert@la-ser.com
95	Survival of Patients Receiving a Secondary Prevention Implantable Cardioverter-defibrillator in Clinical Practice vs a Clinical Trial	carolina.hansen@duke.edu
109	Processes of Care and Outcomes in the Uninsured: Insight from NCDR ICD Registry.	imdad.ahmed@yale.edu
120	Outcomes from ICD generator replacements in response to FDA recalls	emily.zeitler@duke.edu
151	Longitudinal Outcomes After Implantation of a Subcutaneous or Transvenous ICD: A Report from the NCDR	daniel.friedman@duke.edu
167	Survival Following ICD Implantation in Patients with Amyloid and Sarcoid Cardiomyopathy Compared with Other Nonischemic Cardiomyopathies	aramarnath@yahoo.co.in
168	Sex Differences in Patient Characteristics, Indications, and In-Hospital Adverse Events of the S-ICD	sanket.dhruva@yale.edu

RPA ID	Title	Lead Author Email
170	CRT Upgrade versus Continued Medical Care Among Eligible ICD Recipients: Predictors of Left Ventricular Lead Upgrade and Association with Long-term Outcomes	matthew.hyman@uphs.upenn.edu
184	Use and outcomes of dual chamber and cardiac resynchronization therapy defibrillators among patients undergoing ICD implantation with a pacing indication	ryan.borne@ucdenver.edu
185	Defibrillation threshold testing in Pediatric and Congenital Heart Disease Patients	JPrutkin@cardiology.washington.edu
186	Risk Stratification for ICD Generator Changes in the ICD Registry	bilchick@virginia.edu
190	Access and utilization effects of the Affordable Care Act on ICD therapy: findings from the NCDR	cmadias@tuftsmedicalcenter.org
202	Mortality in Patients with Primary Prevention ICDs for Non-Ischemic Cardiomyopathy Compared with Ischemic Cardiomyopathy & Temporal trends of survival after defibrillator implantation for primary prevention in non-ischemic cardiomyopathy versus ischemic cardiomyopathy	angela.higgins@yale.edu
218	Longitudinal Outcomes Associated with Non-Evidence-Based ICD Implantations Among Medicare Beneficiaries: A Report from the National Cardiovascular Data Registry.	faisal.aslam@yale.edu
226	Defibrillation threshold testing in Pediatric Patients	JPrutkin@cardiology.washington.edu
239	Survival Following Implantable Cardioverter-Defibrillator Implantation in Patients Sarcoid Cardiomyopathy Compared with Other Non-Ischemic Cardiomyopathies	aramarnath@yahoo.co.in

RPA ID	Title	Lead Author Email
173	In-Hospital Outcomes of Subcutaneous ICDs vs Transvenous ICDs in Dialysis Patients: A report from the NCDR	patrick.pun@duke.edu
178	Outcomes in patients with diabetes receiving a subcutaneous implantable cardioverter defibrillator.	

LAAO REGISTRY

NEW RPA ID	Title	Lead Author Email
21	Patterns of Peri-procedural Anticoagulation and Anti-platelet therapy for Left Atrial Appendage Occlusion in the United States	angela.y.higgins@gmail.com
17	Procedural Safety of WATCHMAN Implantation: The US NESTed Post Approval Study	paul.varosy@ucdenver.edu
9	Left Atrial Appendage Occlusion Safety and Effectiveness Study.	james.freeman@yale.edu
4	WATCHMAN US Post-Implant Drug Therapy Analysis	Jennifer.Williams2@bsci.com
33	Real World Outcomes with WATCHMAN: 7-Day Safety and 45-Day Results from the NESTed Post Approval Study	kenneth.ellenbogen@vcuhealth.org
32	Incidence and Outcomes of Peri-Device Leak Following Left Atrial Appendage Occlusion; Insights from the LAAO Registry.	adnanalkhouli@gmail.com

NCDR

OLD RPA ID	NEW RPA ID	Title	Lead Author Email
O2N-A		Data quality?	kho@bidmc.harvard.edu
	NCDR 0005	Comparative Effectiveness of Carotid Artery Stenting and Carotid Endarterectomy Among Medicare Beneficiaries 2005-2009	jessica.jalbert@la-ser.com
03N-B		CCF Update	aponirakis@acc.org
	7	Developing Risk Prediction Models for AMI, PCI, and ICD Patients Using Novel Analytic Methods: Yale-BD2K Use Case	harlan.krumholz@yale.edu

PINNACLE REGISTRY

RPA ID	Title	Lead Author Email
36	Tobacco Use Patterns in a Nationwide Sample of Outpatient Cardiology Practices	Jiping.Chen@fda.hhs.gov
50	The Relationship between Physician Experience and Cardiac Performance Measure Compliance in Outpatients: The American College of Cardiology and National Cardiovascular Registry's Pinnacle Program	njeri.thande@yale.edu
73	Rates and Predictors of Vitamin-K Antagonist and Novel Oral Anticoagulant Use for Atrial Fibrillation in Patients with Heart Failure with Preserved and Depressed Ejection Fractions: Insights from the NCDR PINNACLE-AF Registry	johanna.contreras@mountsinai.org
103	Demographic, Socioeconomic And Practice-level Disparities In Smoking Cessation Assistance For Current Smokers In Cardiology Clinics	Mayank.Sardana@umassmemorial.org
119	Practice-Level Variation in Secondary Prevention Treatment Among Patients with Peripheral Artery Disease: Insights From the NCDR PINNACLE Registry	David.Lee@unchealth.unc.edu
35	Uptake of Novel Oral Anticoagulants in Patients with Non-Valvular and Valvular Atrial Fibrillation: Results from the NCDR® PINNACLE Registry®	Sandeep.M.Jani@medstar.net
61	Factors influencing prescription of newer antiplatelet agents in patients with coronary artery disease and recent drug eluting stent placement enrolled in the PINNACLE® registry.	salmanbandeali@gmail.com
74	Disparities and geographic variation in the treatment of atrial fibrillation in Native Americans enrolled in the ACC PINNACLE AF registry	lucas.marzec@ucdenver.edu
100	Impact of the 2013 Cholesterol Guidelines on Disparities in Appropriate Prescription of Lipid Lowering Therapy	VTANGUTURI@PARTNERS.ORG

RPA ID	Title	Lead Author Email
127	Provider-Level Variation in the Guideline Concordant Management of Cardiovascular Disease: Insights from NCDR PINNACLE	PRATEETI.KHAZANIE@UCDENVER.EDU
131	Reducing Cardiovascular Risk in the Medicare Million Hearts Risk Reduction Model (strategic ms #1)	wborden@mfa.gwu.edu
154	Association between neighborhood socioeconomic status and quality of outpatient cardiovascular care in the PINNACLE registry	
156	Differences in Management of Coronary Artery Disease in Patients with Medicare Advantage vs. Traditional Medicare Among Outpatient Cardiology Practices	jfigueroa@hsph.harvard.edu
158	Patient and Practice Characteristics Associated with Switching From Warfarin to a Direct Oral Anticoagulant (DOAC) in Patients with Atrial Fibrillation – An Analysis From the NCDR PINNACLE Registry	
169	Influence of Neighborhood Income on Variations in Coronary Artery Disease Secondary Prevention Care Among Outpatient Cardiology Practices (Strategic RPA #1)	kjoyntmaddox@wustl.edu
205	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
83	Comparison of major bleeding risk in outpatients with atrial fibrillation on oral anticoagulants: data from the NCDR PINNACLE registry	WongJon@sutterhealth.org
91	Proportion of US Heart Failure Patients with Reduced Ejection Fraction Who May Benefit from Additional Rate Control	mvandyke@amgen.com
95	Management of Resistant Hypertension and Implications of PATHWAY-2 Trial in US Cardiology Practices: Insights from NCDR PINNACLE Registry	lauren.thompson@ucdenver.edu

RPA ID	Title	Lead Author Email
106	Gender Differences in Long Term Cardiovascular Outcomes among Women and Men with Atrial Fibrillation: A Review from the NCDR®	Stacie.Daugherty@ucdenver.edu
136	Practice-level variation in guideline-recommended patient education among outpatients with heart failure: Insights from the PINNACLE Registry	karl.minges@yale.edu
144	The influence of insurance expansion on cardiovascular preventive care	steckere@ohsu.edu
172	Advanced care planning discussions among outpatients with heart failure	Casey.Cavanagh@yale.edu
178	Angiotensin Receptor-Neprilysin Inhibitor Utilization in PINNACLE Patients: An NCDR Research to Practice Project	joshmitchellmd@gmail.com
180	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
181	Use of Sacubitril/Valsartan in the Treatment of Patients with Heart Failure with Reduced Ejection Fraction following its Addition to Clinical Practice Guidelines: An Analysis from the American College of Cardiology's (ACC) National Cardiovascular Data Reg- Novartis RPA #2	Contact for updates: april.trebnick@baiminstitute.org Jjanuzzi@Partners.org
182	A Heart Failure Analysis from the PINNACLE Registry	Contact for updates: april.trebnick@baiminstitute.org Jjanuzzi@Partners.org
184	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
41	Association between Anti-coagulant use and Chronic Kidney Disease in Patients with Atrial Fibrillation	supriya.shore@ucdenver.edu

RPA ID	Title	Lead Author Email
62	Outpatient triple anti-thrombotic therapy (TOAT) use in atrial fibrillation patients with recent coronary artery stenting – analysis from NCDR-PINNACLE Registry	wayangs@ccf.org
92	Effect of Health Status Changes on Treatment Patterns in Heart Failure Patients	-
123	Inter-payer agreement on apparent practice-level composite quality measure performance	safarmer@email.gwu.edu
138	Blood Pressure and Treatment Patterns Among Older Adults After Recent Major Trial Results and Guideline Recommendations	eric.j.brandt@yale.edu
140	Association between Accountable Care Organization participation and Quality of Outpatient Cardiovascular Care	erica.spatz@yale.edu
146	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
170	Cardiac Rehabilitation Participation in Outpatients with Heart Failure: Does Reimbursement Make a Difference?	Kelsey.Flint@ucdenver.edu

PVI REGISTRY

RPA ID	Title	Lead Author Email
9	Prevalence, predictors and outcomes of bleeding complication in peripheral vascular interventions for lower extremities	bhardwajb@umkc.edu
10	The American College of Cardiology Peripheral Vascular Intervention Registry: Methods and Design	schuyler.jones@dm.duke.edu
13	Patient Radiation Exposure During Lower Extremity Endovascular Intervention	herbert.aronow@lifespan.org
34	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
19	In-Hospital Management and Outcomes of Patients Presenting with Critical Limb Ischemia	angela.sandelin@duke.edu
15	Impact of Annual Operator Volumes on Outcomes after Lower Extremity Endovascular Revascularization: Insights from the NCDR-PVI Registry	mqamar@partners.org

STS/ACC TVT REGISTRY

RPA ID	Title	Lead Author Email
101	Transcatheter AVR for the Treatment of High Risk Patients with Bicuspid Aortic Valve Disease. A Report of the STS/ACC TVT Registry	j.matthew.brennan@duke.edu;
127	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
133	The Effect of TAVR on the Need for Repeat Hospitalization	holmes.david@mayo.edu
161	Relationship of Body Mass Index (BMI) with Outcomes After Transcatheter Aortic Valve replacement (TAVR)	abhishek.sharma@downstate.edu
191	Stroke and Transient Ischemic Attack Among Patients with Extracranial Carotid Artery Disease Undergoing Transcatheter Aortic Valve Replacement	schuyler.jones@dm.duke.edu
200	Transcatheter Aortic Valve Replacement Using a Self-Expanding Bioprosthesis: First Report From the STS/ACC Transcatheter Valve Therapy Registry	jjopma@bidmc.harvard.edu

RPA ID	Title	Lead Author Email
114	Impact of the Presence of Coronary Artery Disease and the Revascularization on Outcomes of Patients Undergoing Trans-catheter Aortic Valve Replacement: Insights from STS/ACC TVT Registry	htankazyan@llu.edu
186	Effects of Fragmentation of Post-Procedural Care on Outcomes after TAVR	aw100@duke.edu
36	Acute Kidney Injury in Transcatheter Aortic Valve Replacement: Can We Reduce the Risk?	CHB8D@hscmail.mcc.virginia.edu
57	The Outcomes of Transcatheter Aortic Valve Replacement in Patients with End-Stage Renal Disease	mszerlip@gmail.com
98	Outcomes of patients with elevated pulmonary artery pressure undergoing TAVR	hmartinjulien@gmail.com
110	Incidence, Predictors, and Outcomes of Vascular Complications and Bleeding Events in real-world patients undergoing TAVR in the U.S.: Insights from the STS/ACC TVT Registry®	matthew.sherwood@duke.edu
117	The Use of Red Blood Cell Transfusion and Outcomes after TAVR: Insights from the STS/ACC TVT Registry®	matthew.sherwood@duke.edu

RPA ID	Title	Lead Author Email
156	Incidence and Outcomes of Patients Requiring Surgical Bail-Out during Transcatheter Aortic Valve Replacement from the NCDR® STS/ACC TVT Registry	andres.pineda@msmc.com
236	Analysis of transcatheter aortic valve replacement in those with or without a previous mitral valve prosthesis.	vthoura@emory.edu
240	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
244	Effect of smoking on clinical and health status outcomes after transcatheter aortic valve replacement (TAVR)	mqintar@saint-lukes.org
256	Clinical Outcomes of Transcatheter Mitral Valve Replacement for Degenerated Mitral Bioprostheses (Mitral Valve-in-Valve) and Surgical Rings (Mitral Valve-in-Ring) in the United States	mayraguerrero@me.com
260	Failure to Rescue in Transcatheter Aortic Valve Replacement	muath.bishawi@duke.edu
267	The Effect of Age and Frailty on Survival in Patients Undergoing TAVR	skiani@emory.edu

RPA ID	Title	Lead Author Email
361	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
194	Incidence and Risk Factors of Aborted Procedures and Emergent Conversion to Surgery During Elective TAVR	aw100@duke.edu
285	Change in Mitral Valve Gradient Following Mitraclip Repair and Correlation to 30-day and 1 year outcomes	lowie.assche@northwestern.edu
296	Effects of pulmonary arterial hypertension on mitral clip outcomes	ral-bawardy@mgh.harvard.edu
28	In-Hospital and Long-Term Costs Associated with Peri-Procedural Complications in Patients Treated with Transcatheter Aortic Valve Replacement: Results from the TVT Registry	dcohen@saint-lukes.org
113	Reported Health Status Before and After TAVR	sva1024@yahoo.com
170	AATS Guideline: TAVI in the hybrid operating room, hybrid catheterization suite, or catheterization laboratory; is there a difference?	greason.kevin@mayo.edu

RPA ID	Title	Lead Author Email
180	Incidence of new dialysis post-TAVR based on pre-procedural CKD stage; Reviewers	james.w.hansen@lahey.org
209	Practice patterns and clinical outcomes when cardiac arrest or cardiogenic shock precedes Transcatheter Aortic Valve replacement	Luke.I.Masha@uth.tmc.edu
241	Estimating the risk of mortality in aortic valve disease treatment: assessment for bias in non-randomized treatment comparisons	roland.matsouaka@duke.edu
258	Pre- versus post-procedure clinical event rates and associated healthcare resource utilization in patients who undergo commercial MitraClip placement for severe mitral regurgitation	morgan.cox@duke.edu
263	Incidence and Risk Factors for Early Stroke after Transcatheter Aortic Valve Replacement: Insights from the STS-ACC TVT Registry	hudedc@ccf.org
270	Development of a 30 day mortality risk model for pts w/TAVR	suz.v.arnold@gmail.com
291	Racial Disparities in Structural Heart Disease in the TVT Registry	holmes.david@mayo.edu

RPA ID	Title	Lead Author Email
332	Predicting Thirty-day Readmissions after Transcatheter Aortic Valve Replacement	carlos.sanchez@ohiohealth.com
253	Outcomes of trans-catheter aortic valve replacement (TAVR) in patients with mixed aortic valve disease	bhardwajb@health.missouri.edu
353	Sex-Based Differences in Outcomes Afer Transcatheter Repair of Mitral Regurgitation with the MitraClip System	pedrovillablanca@hotmail.com
357	The Association Between Driving Distance and Outcomes after TAVR	morgan.cox@duke.edu
371	Learning curve for transcatheter mitral repair: Insights from the STS/ACC TVT Registry	achhatriwalla@saint-lukes.org
374	Understanding Out of Hospital 30 Day Mortality after TAVR: An Analysis of the STS/TVT Registry	sanwaruddin@gmail.com
399	Impact of Short-Term Complications of TAVR on Outcomes. Results from the STS/ACC Transcatheter Valve Therapy Registry.	dcohen@saint-lukes.org

RPA ID	Title	Lead Author Email
350	The Effect of Obesity on Outcomes in Patients Undergoing MitraClip- Insights from the TVT-NCDR registry	Javier.valle@ucdenver.edu
438	STS/ACC TVT Registry 2018 Update from Three Modules	john.carroll@ucdenver.edu
439	The TAVR Volume Outcome Relationship: A report from the STS/ACC TVT Registry	sreekanth.vemulapalli@duke.edu
406	"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

DIABETES COLLABORATIVE REGISTRY

RPA ID	Title	Lead Author Email
NA	Assessing the Use of Patient-Focused Pharmacotherapy in Glycemic Management Through the Diabetes Collaborative Registry (DCR)	suz.v.arnold@gmail.com
NA	Management of patients with diabetes and heart failure with reduced ejection fraction: an international comparison	suz.v.arnold@gmail.com
4	Composite Cardiovascular Risk Factor Target Achievement in Diabetes Patients	ndwong@uci.edu
11	A descriptive retrospective cohort study of burden of illness in patients with type 2 diabetes mellitus at high risk of CV events, but without a medical history of previous MI or stroke; Assesment of the high risk and unmet need in patients with CAD and type 2 diabetes (Athena 1)	eric.wittbrodt@astrazeneca.com
19	Eligibility of patients with type 2 diabetes for SGLT-2 inhibitor cardiovascular outcomes trials: an assessment using the Diabetes Collaborative Registry	eric.wittbrodt@astrazeneca.com
2	Comparison of Diabetes Care Delivery and Health Outcomes in the National Health and Nutrition Examination Survey (NHANES) and Diabetes Collaborative Registry (DCR)	Sanjeev.Mehta@joslin.harvard.edu
9	Understanding the Contemporary Use of Thiazolidinediones in the US. An analysis of the Diabetes Collaborative Registry	suz.v.arnold@gmail.com

RPA ID	Title	Lead Author Email
13	Quality of Care Among Diabetic Patients with Cerebrovascular Disease compared to those with other forms of Atherosclerotic Cardiovascular Diseases (ASCVD) – The Diabetes Collaborative Registry	
14	Patterns of Use of Glucose-Lowering Therapies by Prescriber Type in Patients with Type 2 Diabetes Mellitus: the NCDR Diabetes Collaborative Registry	
15	Healthcare Resource Utilization and Costs in Patients with Type 2 DM at high risk of CV events, but without a medical history of previous MI or stroke Assessment of The High risk and unmet Need in patients with CAD and type 2 diabetes (ATHENA)	eric.wittbrodt@astrazeneca.com
27	Use of Non-Statins Lipid Medications in Patients with Type 2 Diabetes	vitty.hejny@gmail.com
28	Use of Glucose-Lowering Medications According to Cardiovascular Risk	suz.v.arnold@gmail.com
30	CVD-Real outcomes vs. DCR outcomes comparison	kirill.zhudenkov@msdecisions.ru
32	Description of the T2DM population that will potentially benefit from the update to ADA/EASD management guidelines.	jesus.medina@astrazeneca.com
33	Clinical Guidelines translated to clinical practice: analysis of second-line anti-diabetic agents in the Diabetes Collaborative Registry: Understanding the real-world use of second line therapy after major cardiovascular outcomes trials.	eric.wittbrodt@astrazeneca.com