

In Process, Unpublished NCDR Manuscripts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
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	sauravchatterjee@md@gmail.com
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
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	omer.m@umkc.edu

RPA ID	Lead Author	Title	Lead Author Email
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
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
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) Initiative	Rohan.Khera@UTSouthwestern.edu
588	Alexander Fanaroff	Atrial Fibrillation and Coronary Heart Disease: A Long-Term Perspective on the Need for Triple Antithrombotic Therapy	alexander.fanaroff@dm.duke.edu
577	Ali Malik	Association between hospital reimbursement models and rates of normal elective coronary angiograms.	aomalik@saint-lukes.org

RPA ID	Lead Author	Title	Lead Author Email
574	Robert Yeh	The Extending Trial-Based Evaluations of Medical Therapies Using Novel Sources of Data (EXTEND) Study	ryeh@bidmc.harvard.edu
572	Marc Sintek	Excimer laser coronary angioplasty: Current use and complications in the NCDR/CATH PCI Registry	msintek@wustl.edu
571	Sanket Dhruva	Assessing that Safety Endpoints are Attributable to Prior Drug-Eluting Coronary Stent Implantation: YNHH-Big Data 2 Knowledge ("BD2K") Use Case Part Four	dhruva@gmail.com
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
568	Karthik Murugiah	ICH.1 Machine learning techniques to enhance the prediction of acute kidney injury after percutaneous coronary intervention	karthik.murugiah@yale.edu

RPA ID	Lead Author	Title	Lead Author Email
566	Shun Kohsaka	Difference in the Utilization of Percutaneous Coronary Intervention for Stable Ischemic Heart Disease Between the US and Japan: Collaborative Analysis of NCDR CathPCI and J-PCI Registry	skohsaka@hotmail.com
551	Ashwin Nathan	Performance of hospitals when assessing disease mortality as compared to procedural mortality for acute myocardial infarction	Ashwin.Nathan@uphs.upenn.edu
550	Abdulla Damluji	Consequences of Frailty in Older Adults Treated with Percutaneous Coronary Interventions After Acute Myocardial Infarction	adamluji@gmail.com
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
522	Tamez	Long-term Outcomes and Resource Utilization Associated with Coronary Stent Restenosis	htamez@bidmc.harvard.edu
522	Hector Tamez Aguilar	Long-term Outcomes and Resource Utilization Associated with Coronary Stent Restenosis	htamez@icloud.com

RPA ID	Lead Author	Title	Lead Author Email
494	J. 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
489	William Cooper	Association Between Unsolicited Patient Complaints and Adverse Outcomes Related to Percutaneous Coronary Intervention	william.cooper@vanderbilt.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
477	J. Abbott	Contemporary Patterns and Trends in Duration of Antiplatelet Therapy After Percutaneous Coronary Intervention in Patients on Oral Anticoagulants	JAbbott@Lifespan.org

RPA ID	Lead Author	Title	Lead Author Email
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. Lowenstein	Current Landscape of Hybrid Revascularizations: A Report from the National Cardiovascular Data Registry	angela.sandelin@dm.duke.edu

RPA ID	Lead Author	Title	Lead Author Email
422	S. Bradley	Trends in Use, Outcomes, and Cost Implications of Same Day Discharge Following Elective Percutaneous Coronary Intervention	steven.bradley@allina.com
405	D. Feldman	Stent Selection Among Patients with End Stage Renal Disease Undergoing Elective Percutaneous Coronary Interventions	danfeldman.email@gmail.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
381	Ali Malik	A Patient-centered Approach to Reduce Contrast Volume during Percutaneous Coronary Intervention to prevent Acute Kidney Injury	aomalik@saint-lukes.org

RPA ID	Lead Author	Title	Lead Author Email
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.Behar@mssm.edu
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 <u>K. Dharmarajan</u>	Does hospital mortality performance for older patients undergoing percutaneous coronary intervention (PCI) reflect performance for all patients undergoing PCI?	yulanka.castro-dominguez@yale.edu <u>kumar.dharmarajan@yale.edu</u>
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 <u>Nicholas Downing</u>	Comparison of percutaneous coronary intervention procedures in China and the US in 2006 and 2011	robert.mcnamara@yale.edu <u>nicholas.downing@yale.edu</u>

RPA ID	Lead Author	Title	Lead Author Email
292	R. Nairooz	<p>Contemporary trends, predictors and outcomes of perforation during percutaneous coronary intervention: a report from the NCDR CathPCI registry</p> <p><u>Trends, Predictors and Outcomes of coronary artery perforation during percutaneous coronary intervention: Insights from NCDR@</u></p>	ramez.nairooz@gmail.com
276	Rachel Dreyer	The Prevalence, Determinants and Outcomes of Myocardial Infarction with Non-Obstructive Coronary Arteries (MINOCA)	rachel.dreyer@yale.edu
248	R. Yeh	(248 B) Exploiting Physician Variation in Anticoagulation Use to Compare Effectiveness of Bivalirudin versus Heparin for PCI in Routine Practice	ryeh@mgh.harvard.edu
230	K. Yeo	Percutaneous coronary intervention of Internal mammary artery bypass grafts: Findings from the NCDR to the National Cardiovascular Data Registry (NCDR)	yeo_kk@yahoo.com
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

RPA ID	Lead Author	Title	Lead Author Email
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
339	Nihar Desai	Utilization and adverse events associated with mechanical circulatory support devices among patients with acute myocardial infarction and cardiogenic shock undergoing percutaneous coronary intervention (PCI)	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	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

RPA ID #	Lead Author	Title	Email
300	Leila Haghigat	A Patient- and Hospital-Level Analysis from the NCDR ACTION Registry-GWTG	leila.haghigat@yale.edu
297	Faridi	Use of Novel P2Y12 Inhibitors in ST-Elevation Myocardial Infarction in the United States	kfaridi@bidmc.harvard.edu
287	Marcelo Fernandes	Racial and ethnic disparities in first medical contact to device time among patients with ST-elevation myocardial infarction: Findings from the National Cardiovascular Data Registry (NCDR)	marcelo.fernandes@jhsmiami.org
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
277	Sarah Goldstein	Implantable Cardioverter-Defibrillator Utilization Among Older Patients with Low Ejection Fraction Following Coronary Artery Bypass Grafting	sarah.goldstein@duke.edu
274	Jay Shavadia	Revascularization strategies in non ST-segment elevation myocardial infarction, multi-vessel coronary artery disease, and left ventricular systolic dysfunction: a report from NCDR	jay.shavadia@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
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
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

RPA ID #	Lead Author	Title	Email
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.	felmd01@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	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
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
84	F. Kureshi P. Sharma	Treatment, Trends and Outcomes of Late Presenting ST-Elevation Myocardial Infarction.	kureshifaraz@hotmail.com praneetks@gmail.com

DIABETES COLLABORATIVE REGISTRY

RPA ID	Title	Lead Author Email
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
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
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
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
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	
27	Use of Non-Statin Lipid Medications in Patients with Type 2 Diabetes	vitty.hejjy@gmail.com

RPA ID	Title	Lead Author Email
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
34	Under-recognition of heart failure in ambulatory patients with diabetes	suz.v.arnold@gmail.com
8	Diabetes Belt Benchmark Report	gambinr@ccf.org

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 (617-732-7406); ss2894@rwjms.rutgers.edu; soko.setoguchi@dm.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

RPA ID	Title	Lead Author Email
137	Outcomes among CRT Patients with Nonspecific Conduction Delay Compared to RBBB	hkawata@uci.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
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
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
104	Survival Benefit from the Resynchronization and Defibrillator Components of Cardiac Resynchronization Therapy Defibrillators in the NCDR ICD Registry	bilchick@virginia.edu
107	Association Between Sunshine Act Physician Payments and Appropriateness with Selection of ICDs	Dr. shadyhenien@gmail.com
109	Processes of Care and Outcomes in the Uninsured: Insight from NCDR ICD Registry.	imdad.ahmed@yale.edu

RPA ID	Title	Lead Author Email
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
167	Survival Following ICD Implantation in Patients with Amyloid and Sarcoid Cardiomyopathy Compared with Other Nonischemic Cardiomyopathies	aramarnath@yahoo.co.in
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
173	In-Hospital Outcomes of Subcutaneous ICDs vs Transvenous ICDs in Dialysis Patients: A report from the NCDR	patrick.pun@duke.edu
176	Characteristics of hospitals performing differently on ICD and CathPCI discharge measures	msimanowith@acc.org
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

RPA ID	Title	Lead Author Email
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
211	ICD in Patients with Non-ischemic Cardiomyopathy in the United States – Insights from the NCDR ICD Registry (DANISH)	valentina.kutyifa@heart.rochester.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
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
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

RPA ID	Title	Lead Author Email
168	Sex Differences in Patient Characteristics, Indications, and In-Hospital Adverse Events of the S-ICD	sanket.dhruva@yale.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
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
225		
178	Outcomes in patients with diabetes receiving a subcutaneous implantable cardioverter defibrillator.	

IMPACT REGISTRY

RPA ID	Lead Author	Title	Author Email
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
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
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
35	A. Stefanescu	Interventions for coarctation of the aorta in adults- a report from the IMPACT registry	ada.stefanescu@mgh.harvard.edu

RPA ID	Lead Author	Title	Author Email
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
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	obyrnem@email.chop.edu

LAAO REGISTRY

RPA ID	Author Name	Title	Lead Author Email
9	Freeman	Left Atrial Appendage Occlusion Safety and Effectiveness Study.	james.freeman@yale.edu
21	Higgins	Patterns of Peri-procedural Anticoagulation and Anti-platelet therapy for Left Atrial Appendage Occlusion in the United States	angela.y.higgins@gmail.com
32	Alkhouri	Incidence and Outcomes of Peri-Device Leak Following Left Atrial Appendage Occlusion; Insights from the LAAO Registry.	adnanalkhouri@gmail.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
37	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
36	Freeman	National Left Atrial Appendage Occlusion (LAAO) Registry: Review of the First 2.5 Years	james.freeman@yale.edu
38	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
39	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

RPA ID	Author Name	Title	Lead Author Email
19	Daimee	Indications for Left Atrial Appendage Occlusion in the United States	usama.daimee@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
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
169	Influence of Neighborhood Income on Variations in Coronary Artery Disease Secondary Prevention Care Among Outpatient Cardiology Practices (Strategic RPA #1)	kjoynitmaddox@wustl.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
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	luscas.marzec@ucdenver.edu

RPA ID	Title	Lead Author Email
100	Impact of the 2013 Cholesterol Guidelines on Disparities in Appropriate Prescription of Lipid Lowering Therapy	VTANGUTURI@PARTNERS.ORG
106	Gender Differences in Long Term Cardiovascular Outcomes among Women and Men with Atrial Fibrillation: A Review from the NCDR®	Stacie.Daugherty@ucdenver.edu
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
136	Practice-level variation in guideline-recommended patient education among outpatients with heart failure: Insights from the PINNACLE Registry	karl.minges@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	dblumenthal@partners.org
154	Association between neighborhood socioeconomic status and quality of outpatient cardiovascular care in the PINNACLE registry	
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	
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
210	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®	-
83	Comparison of major bleeding risk in outpatients with atrial fibrillation on oral anticoagulants: data from the NCDR PINNACLE registry	WongJon@sutterhealth.org

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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
135	Use, Safety, and Effectiveness of Novel Oral Anticoagulants in Overweight and Obese Patients with Atrial Fibrillation	-
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
176	Atrial fibrillation in Asian Americans: Cross Sectional Analysis of the PINNACLE registry	-
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
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
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
123	Inter-payer agreement on apparent practice-level composite quality measure performance	safarmer@email.gwu.edu

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140	Association between Accountable Care Organization participation and Quality of Outpatient Cardiovascular Care	erica.spatz@yale.edu
170	Cardiac Rehabilitation Participation in Outpatients with Heart Failure: Does Reimbursement Make a Difference?	Kelsey.Flint@ucdenver.edu
178	Angiotensin Receptor-Neprilysin Inhibitor Utilization in PINNACLE Patients: An NCDR Research to Practice Project	joshmitchellmd@gmail.com

PVI REGISTRY

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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
10	William Jones	The American College of Cardiology Peripheral Vascular Intervention Registry: Methods and Design	schuyler.jones@dm.duke.edu
13	Herbert Aronow	Patient Radiation Exposure During Lower Extremity Endovascular Intervention	herbert.aronow@lifespan.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
19	Lowenstern	In-Hospital Management and Outcomes of Patients Presenting with Critical Limb Ischemia	angela.sandelin@duke.edu
15	Qamar	Impact of Annual Operator Volumes on Outcomes after Lower Extremity Endovascular Revascularization: Insights from the NCDR-PVI Registry	MQAMAR@PARTNERS.ORG
36	Williams	Safety and Effectiveness of Drug-Coated Balloons and Drug-Eluting Stents in the Treatment of Femoropopliteal Stenosis: An Analysis from the ACC PVI Registry	schuyler.jones@dm.duke.edu

STS/ACC TVT REGISTRY

RPA ID	Author Name	Title	Lead Author Email
101	Sharif Halim	Transcatheter AVR for the Treatment of High Risk Patients with Bicuspid Aortic Valve Disease. A Report of the STS/ACC TVT Registry	sharif.halim@gmail.com
161	Abhishek Sharma	Relationship of Body Mass Index (BMI) with Outcomes After Transcatheter Aortic Valve replacement (TAVR)	abhishek.sharma@downstate.edu
114	H. Tankazyan	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	Alice Wang	Effects of Fragmentation of Post-Procedural Care on Outcomes after TAVR	aw100@duke.edu
244	Qintar	Effect of smoking on clinical and health status outcomes after transcatheter aortic valve replacement (TAVR)	mqintar@saint-lukes.org
296	Al-Bawardy	Effects of pulmonary arterial hypertension on mitral clip outcomes	ral-bawardy@mgh.harvard.edu
256	Guerro	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
267	Kiani	The Effect of Age and Frailty on Survival in Patients Undergoing TAVR	skiani@emory.edu
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
110	Sherwood	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

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258	Cox	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
98	Don	Outcomes of patients with elevated pulmonary artery pressure undergoing TAVR	creightond@cardiology.washington.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
236	Vinod Thourani	Analysis of transcatheter aortic valve replacement in those with or without a previous mitral valve prosthesis.	Vinod.h.thourani@medstar.net
260	Bishawi	Failure to Rescue in Transcatheter Aortic Valve Replacement	muath.bishawi@duke.edu
361	Brennan	Individualized Risk Prediction for Intermediate and High Risk Patients with Aortic Valve Stenosis Considering SAVR or TAVR in the United States	j.matthew.brennan@duke.edu
194	Alice Wang	Incidence and Risk Factors of Aborted Procedures and Emergent Conversion to Surgery During Elective TAVR	aw100@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
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 TTV Registry and PCORnet	sreekanth.vemulapalli@duke.edu
209	Masha	Practice patterns and clinical outcomes when cardiac arrest or cardiogenic shock precedes Transcatheter Aortic Valve replacement	lmasha@bwh.harvard.edu
353	Villalblanca	Sex-Based Differences in Outcomes After Transcatheter Repair of Mitral Regurgitation with the MitraClip System	pedrovillalblanca@hotmail.com
357	Cox	The Association Between Driving Distance and Outcomes after TAVR	morgan.cox@duke.edu
253	Bhardwaj	Outcomes of trans-catheter aortic valve replacement (TAVR) in patients with mixed aortic valve disease	bhardwajb@health.missouri.edu

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28	D. Cohen	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	Arnold	Reported Health Status Before and After TAVR	sva1024@yahoo.com
170	K. Greason	AATS Guideline: TAVI in the hybrid operating room, hybrid catheterization suite, or catheterization laboratory; is there a difference?	greason.kevin@mayo.edu
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.matsouaka@duke.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
371	Chhatriwalla	Learning curve for transcatheter mitral repair: Insights from the STS/ACC TVT Registry	achhatriwalla@saint-lukes.org
374	Anwaruddin	Understanding Out of Hospital 30 Day Mortality after TAVR: An Analysis of the STS/TVT Registry	sanwaruddin@gmail.com
399	Cohen	Impact of Short-Term Complications of TAVR on Outcomes. Results from the STS/ACC Transcatheter Valve Therapy Registry.	dcohen@saint-lukes.org
350	Vavalle	The Effect of Obesity on Outcomes in Patients Undergoing MitraClip- Insights from the TVT-NCDR registry	jvavalle@gmail.com
438	Carroll	STS/ACC TVT Registry 2018 Update from Three Modules	john.carroll@ucdenver.edu
440	Julien	Acute Kidney Injury in Transcatheter Aortic Valve Replacement	hmartinjulien@gmail.com

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444	Lowenstein	Association of MitraClip Availability and Hospital Surgical Mitral Valve Repair Volume and Mortality- Aim1	angela.sandelin@dm.duke.edu
442	Wang	Association of MitraClip Availability and Hospital Surgical Mitral Valve Repair Volume and Mortality- Aim2	A.WANG@DUKE.EDU
342	Kaneko	Peripheral versus Central Access for Alternative Access TAVR	tkaneko2@partners.org
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
449	Russo	Case Volume vs. Outcomes Relationship with Balloon Expandable TAVR Valves: Insights from the TVT Registry	mr2143@gmail.com
452	Kaneko	Transcatheter Aortic Valve Replacement Outcomes by Procedure Location: Catheterization Laboratory versus Operating Room	TKaneko2@partners.org
454	Makkar	SAPIEN 3 Outcomes in Bicuspid vs. Tricuspid Aortic Valve Stenosis	makkarr@cshs.org
422	Hejjaji	Association between short term health status variation and long-term clinical outcomes after trans-catheter valve therapies: Insights from the STS/ACC TTVT registry	vhejjaji@saint-lukes.org
421	Malik	Variability in the 30-day Quality of Life Benefits After MitraClip Implantation in a Real-World Population. Results from the STS/ACC Transcatheter Valve Therapy Registry.	aomalik@saint-lukes.org
417	Tanawuttiwat	The Use of Non-vitamin K Antagonist and Outcomes in Atrial Fibrillation Patients after Transcatheter Aortic Valve Replacement: Insights from STS/ACC TTVT Registry.	ttanawuttiwat@umc.edu

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413	Butala	Conscious sedation versus general anesthesia for transcatheter aortic valve replacement: variation in practice and instrumental variable analysis	nmbutala@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
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
439	Vemulapalli	The TAVR Volume Outcome Relationship: A report from the STS/ACC TVT Registry	sreekanth.vemulapalli@duke.edu

NCDR

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	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