

Registry Assessment of Peripheral Interventional Devices Roadmap Working Group (RAPID)

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NATIONAL CARDIOVASCULAR DATA REGISTRY

National Cardiovascular Data Registry

DATA



- Nearly 20 years of experience
- Largest, most comprehensive, outcomes-based cardiovascular patient data repository in U.S.
- Nine registries



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NATIONAL CARDIOVASCULAR DATA REGISTRY

Mission

To improve the quality of cardiovascular patient care by providing

- information, knowledge and tools;
- implementing quality initiatives; and
- supporting research.



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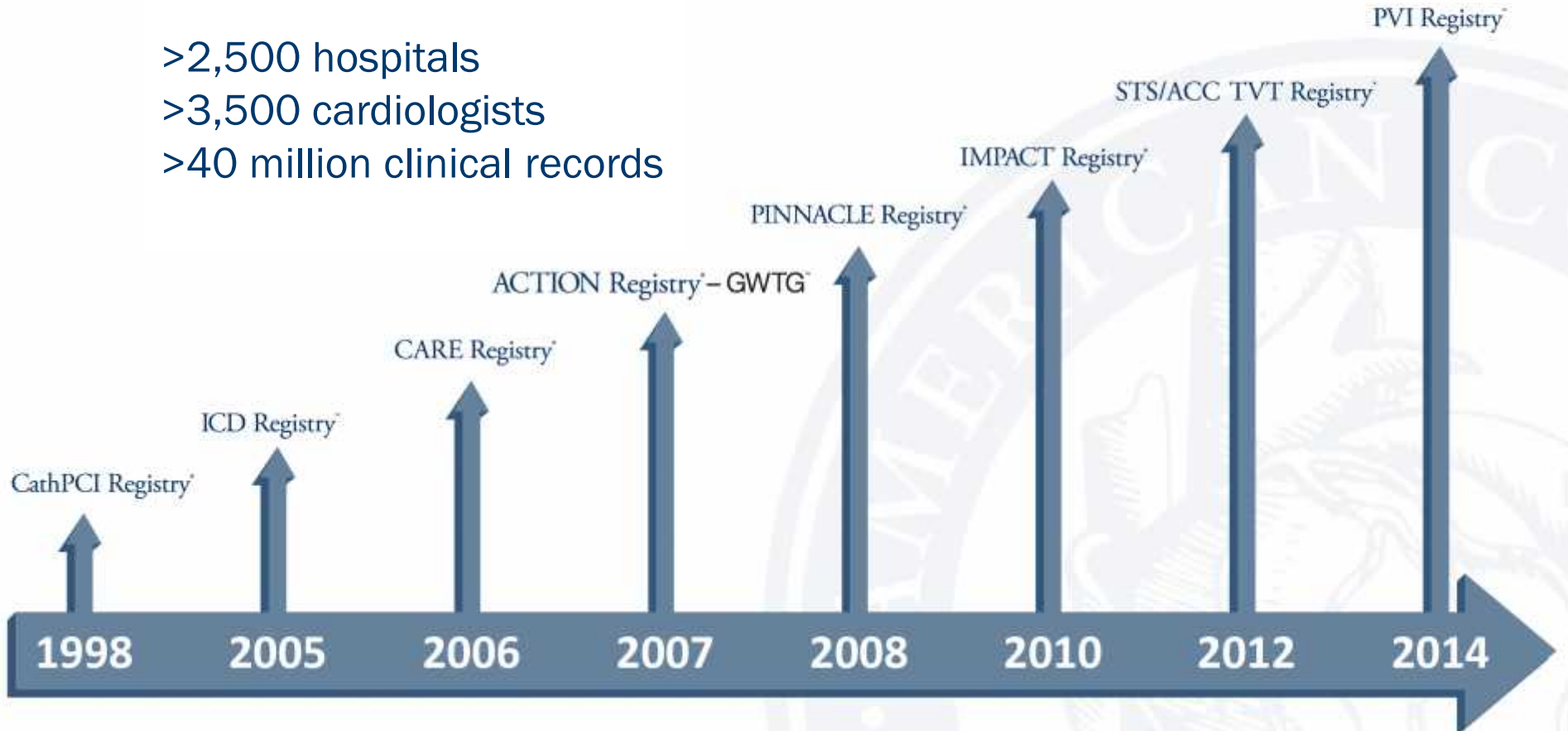
NATIONAL CARDIOVASCULAR DATA REGISTRY

Data Powering Performance



PVI Registry[®]

- >2,500 hospitals
- >3,500 cardiologists
- >40 million clinical records



LAO Registry – Winter 2015/2016
AF Ablation Registry – Spring 2016



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Name	Disease or Device	Facility	Sites	Patient Records
PINNACLE	Coronary artery disease, heart failure, atrial fibrillation, hypertension, diabetes, peripheral arterial disease	Outpatient	445	15,000,000
Diabetes	Diabetes and cardiometabolic care	Outpatient	enrolling now	--
CathPCI	Percutaneous coronary interventions Diagnostic catheterizations	Hospital/Free Standing	1,730	17,000,000
ICD	Implantable cardioverter defibrillators	Hospital	1,815	1,500,000
ACTION-GWTG	Acute coronary syndrome STEMI and NSTEMI	Hospital/EMS	1030	920,000
PVI	Carotid artery revascularization Lower extremity	Hospital/Free Standing	214	340,000 (CAS & CEA)
IMPACT	Congenital heart disease Pediatric and Adult	Hospital	100	40,000
STS/ACC TVT	Transcatheter Valve Therapy	Hospital	400	28,000



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ACC Funded Research & Publications

Name	Disease or Device	Publications
CathPCI	Percutaneous coronary interventions and Diagnostic catheterizations	144
ICD	Implantable cardioverter defibrillators	63
ACTION-GWTG	Acute coronary syndrome - STEMI and NSTEMI	68
CARE/PVI	Carotid artery revascularization - Lower extremity	15
IMPACT	Congenital heart disease - Pediatric and Adult	3
PINNACLE	Coronary artery disease, heart failure, atrial fibrillation, hypertension, diabetes, peripheral arterial disease	23
STS/ACC TVT	Transcatheter Valve Therapy	9

325

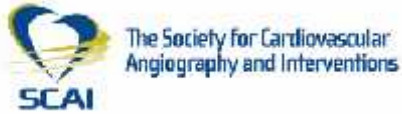


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NCDR Global



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Data are collected once and used for many purposes



Data Capture



Registry Platform:

- Evidence-Based Performance Measures
- QI Network
- Data Quality Program
- Retrospective and Prospective Research Infrastructure
- Public Reporting

STAKEHOLDERS

Administrators	Providers
Regulators	Consumers
Researchers	Payors

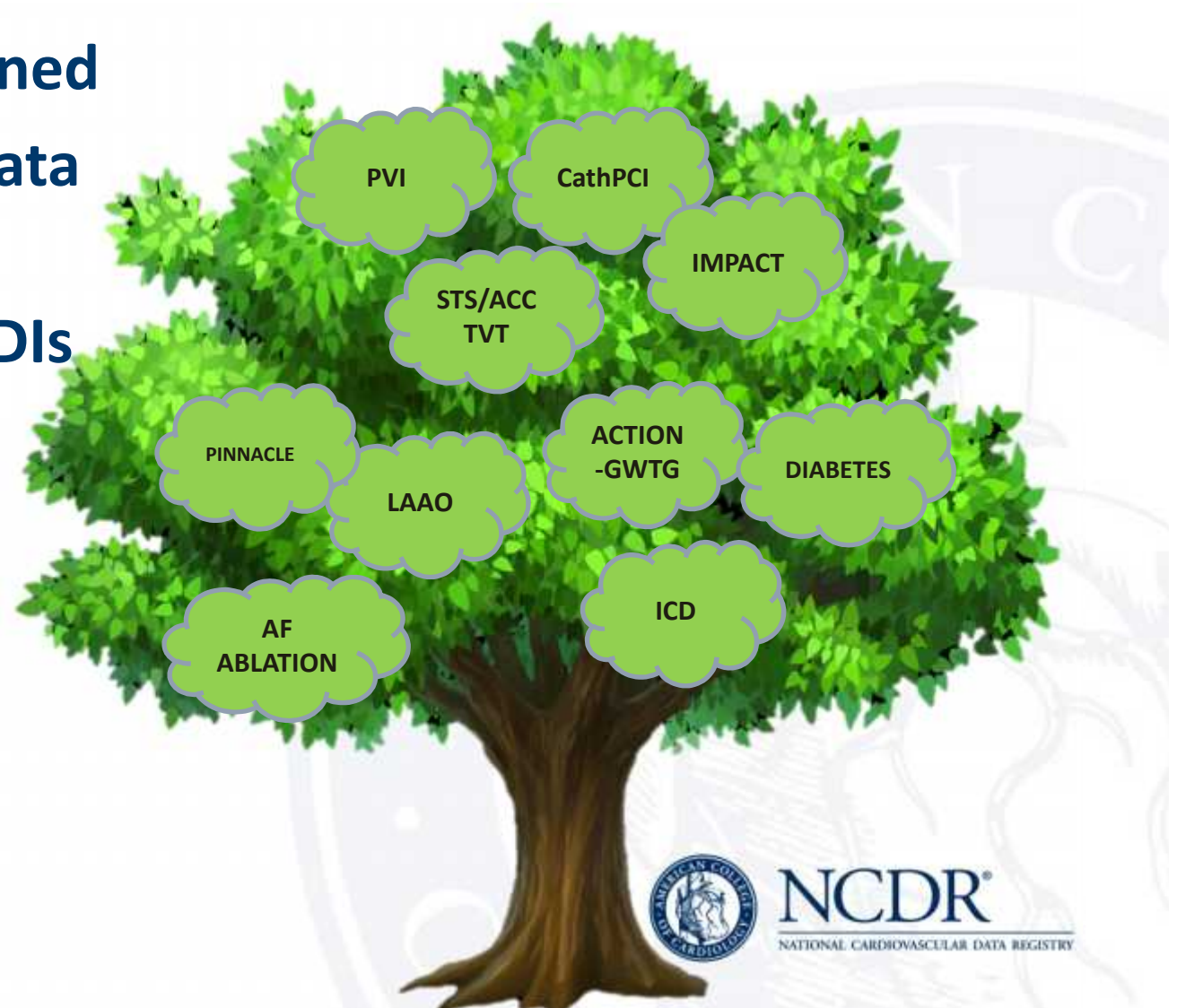
DATA USES

Reimbursement	Retro and Prospective Research
Evidence based medicine	Surveillance
Health system & practice monitoring	Quality and performance improvement
State and federal quality improvement	Public reporting for consumers



It's all in the family...

- Definitions aligned
- Standardized data platform
- Prepared for UDIs



Incomplete Samples



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Not all apples are equal

The dictionary



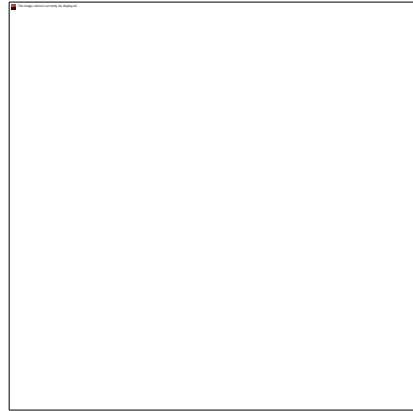
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Informatic Platforms



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The case of a missing identity

GUDID



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The opportunity?



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Clinical



Informatics



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