

For pediatric and adult congenital treatment procedures

IMPACT Registry®



The IMPACT Registry® is the first national registry to provide data on demographics, acute management and in-hospital outcomes for a comprehensive selection of congenital patients. This registry measures outcomes and quality of care for pediatric and adult CHD patients who undergo diagnostic or therapeutic catheterization. It identifies procedure variances and links them to outcomes, provides benchmarks to assess performance and supports quality improvement efforts.

Participating in the IMPACT Registry offers many advantages, including:

- Quarterly outcome reports with executive summary metrics and benchmark comparisons that can be used as tools to pinpoint opportunities for quality improvement initiatives
- Solid clinical data that provide an evidence-based rationale for the meaningful use of new devices and emerging techniques
- Access to ACC's quality initiatives, such as Reducing Radiation Risk — aimed at reducing radiation exposure for congenital heart patients



NCDR®

NATIONAL CARDIOVASCULAR DATA REGISTRY

More inside...



Delivering clarity for complex decision-making and quality in patient care

Although interventional approaches are quickly becoming the preferred treatments for managing congenital cardiac conditions, today's therapeutic decision-making relies on expert opinion, not evidence-based guidelines. The reason? No single registry has collected sufficient national quality-focused data on the management and real-world outcomes of patients who undergo diagnostic and interventional catheterizations. Now, with the IMPACT Registry, participants have access to a multi-institutional data set to support the development of evidence-based guidelines and can review real-world performance benchmarks to guide quality improvement.

Standard data elements, with quality and completeness assured

The IMPACT Registry, like the entire NCDR registry suite, uses standardized, evidence-based data elements and definitions for:

- Pediatric and adult congenital heart disease patient demographics
- Provider and facility characteristics
- Data for diagnostic catheterization procedures and six defined interventional procedures
- Adverse events rates

The registry supports a variety of data entry and submission options, including certified third-party vendors and secure web-based entry. When data are accepted by the registry, they have been rigorously tested to ensure completeness and consistency.

Flexible reports for custom information

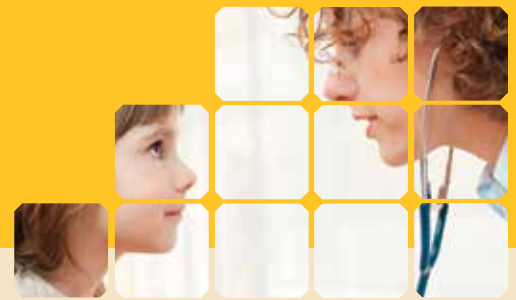
The IMPACT Registry offers a variety of reporting options to support your facility's ongoing quality improvement.

Quarterly benchmark reports, for instance, compare your institution's performance with a national aggregate, with executive summaries that offer a big-picture review or an at-a-glance assessment.

All metrics and measures in the IMPACT Registry reports are identified and tested to ensure that they are scientifically valid and meaningful for quality improvement benchmarking.

See your hospital's performance against all hospitals in the registry.





Let the data provide you with answers

When you take on the challenge of collecting and regularly reviewing your data, you'll have solid information to prove the quality care you provide. Let the data inform your ongoing quality improvement initiatives.

With the IMPACT Registry, you'll always be in quality company

The IMPACT Registry was created by the American College of Cardiology in association with the Society for Cardiovascular Angiography and Interventions Foundation and the American Academy of Pediatrics. As part of participating in IMPACT, your ACC offers a suite of quality improvement initiatives including:

- Unlimited on-demand access to toolkits and best-practice strategies through the ACC Quality Improvement for Institutions program.
- Reducing Radiation Risk Quality initiative, aimed at reducing radiation exposure for congenital heart patients. Participation provides an opportunity for the clinical team working on this initiative to receive CME/CNE credits as well as an opportunity for physicians to receive American Board of Pediatrics MOC Part IV points.
- Comprehensive orientation and continuing educational opportunities, including interactive workshops at the NCDR Annual Conference, to address the educational needs of your cardiovascular team.
- Clinically experienced staff who provide continuing education and support to IMPACT Registry site managers via monthly training and education calls and bimonthly new user calls.
- Quality improvement webinars offered by clinical experts that present real-world techniques, evidence, strategies and lessons learned.

And much more.

See key episodes of care comparisons



Summary of adverse event rates for your patients

Visit NCDR.com/IMPACT or call 800-257-4737

About the NCDR®

The ACC's National Cardiovascular Data Registry (NCDR) offers six hospital-based registries and one outpatient registry designed to help you measure, benchmark and improve cardiovascular care for your patients. In addition to the IMPACT Registry, NCDR registries encompass:

- **ACTION Registry®-GWTG™** is a risk-adjusted, outcomes-based quality improvement program that focuses exclusively on high-risk STEMI/NSTEMI patients. It helps hospitals apply ACC/AHA clinical guideline recommendations in their facilities and provides invaluable tools to assist them in achieving their goal of quality improvement.
- **CathPCI Registry®** assesses the characteristics, treatments, and outcomes of cardiac disease patients who receive diagnostic catheterization and/or percutaneous coronary intervention (PCI) procedures. This powerful tool captures the data that measure adherence to ACC/AHA clinical practice guideline recommendations, procedure performance standards, and appropriate use criteria for coronary revascularization.
- **ICD Registry™** establishes a national standard for understanding treatment patterns, clinical outcomes, device safety, and the overall quality of care provided to implantable cardioverter defibrillator (ICD) patients. As the CMS-mandated registry for hospitals that perform ICD implantation procedures, the ICD Registry plays an important role in determining the association between evidence-based treatment strategies and clinical outcomes.
- **PINNACLE Registry®** focuses on coronary artery disease, hypertension, heart failure and atrial fibrillation in the outpatient setting. Its HIPAA-compliant data collection option works with most EHR systems, and unique online portal delivers on-demand reports for viewing overall clinical care, accessing QI best practices, maximizing Physician Quality Reporting System (PQRS) incentives and avoiding Value-Based Payment Modifier penalties.
- **PVI Registry™** measures the prevalence, demographics, management, and outcomes of patients undergoing lower extremity peripheral arterial catheter-based interventions, carotid artery stenting (CAS) and carotid endarterectomy (CEA) procedures. It enables clinicians to use decision-making data to implement changes to improve the quality of patient care—whether care is provided in a hospital cath lab, interventional radiology department, or an outpatient vascular center.
- **STS/ACC TVT Registry™** monitors patient safety and real-world outcomes related to the transcatheter aortic valve replacement (TAVR) procedure, an emerging procedure for the treatment of aortic stenosis. Employing a first-of-its-kind transcatheter heart valve technology, TAVR provides a new treatment option for patients who are considered to be inoperable for conventional aortic valve replacement surgery.

To learn more, visit **NCDR.com**.

NCDR® is an initiative of the American College of Cardiology Foundation®, with partnering support from the following organizations: **CathPCI Registry®**—The Society for Cardiovascular Angiography and Interventions; **IMPACT Registry®**—The Society for Cardiovascular Angiography and Interventions and American Academy of Pediatrics; **STS/ACC TVT Registry™**—An initiative of The Society of Thoracic Surgeons and the American College of Cardiology Foundation; **PVI Registry™**—The Society for Cardiovascular Angiography and Interventions; **ACTION Registry®-GWTG™**—An initiative of the American College of Cardiology Foundation and the American Heart Association, with partnering support from Society of Cardiovascular Patient Care, and The American College of Emergency Physicians.



NCDR®

NATIONAL CARDIOVASCULAR DATA REGISTRY