For diagnostic cardiac catheterizations and percutaneous coronary interventions

CathPCI Registry®

The 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 (AUC) for coronary revascularization. The result? Decision-making information that helps you:

- Focus on the appropriate use of PCI within your facility
- Reduce avoidable vascular complications
- Identify your facility’s areas of excellence as well as opportunities for improvement
- Apply emerging best practices safely and effectively
- Reduce door-to-balloon times
- Improve the quality of care and enhance patient outcomes

More inside...
Delivering clarity for complex decision making and quality in patient care

Cardiovascular professionals from large urban medical centers to rural hospitals, including freestanding cath labs throughout the nation, turn to the CathPCI Registry for a comprehensive picture of cardiac catheterization and PCI procedures. Here’s why...

**Standard data elements, with quality and completeness assured**

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

- Patient demographics, provider and facility characteristics
- Patient history/risk factors, cardiac status and treated lesions
- Initial cardiac status, procedural details, medications, laboratory values and in-hospital outcomes
- Intracoronary device utilization and adverse event 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 on demand**

The CathPCI Registry offers a wealth of reporting options to support your facility’s ongoing quality improvement.

Quarterly risk-adjusted benchmark reports, for instance, provide a rolling 4 quarter view of your facility’s performance plotted against all other facilities for each metric.
Powerful interactive dashboards that make a difference

The CathPCI User Dashboard. Log in to this online portal to review your Institutional Outcomes Reports and Data Quality Reports (DQRs) on a specially designed webpage. Have a specific metric to highlight? The dashboard will help you create executive summary eReports that feature the comparison groups you specify, allowing your cardiovascular team to compare your facility’s volume, data and metrics with data from blinded facilities, universities, states, regions and national comparison groups.

Trending data on weekly dashboard updates help you see how your facility is trending, highlight areas for improvement, and satisfy the data collection and reporting requirements of regulatory and contracting organizations.

The Physician Dashboard. Physicians who are American College of Cardiology (ACC) members also have on-demand access to a unique dashboard via their CardioSource.org logon. It features more than 40 physician-level process and quality metrics generated from CathPCI Registry data, including:

- Volume of cases treated
- Procedure adverse events/outcomes
- PCI process metrics
- PCI appropriateness

The Physician Dashboard offers quick, confidential performance feedback, provides the information necessary to meet hospital requirements and assists in obtaining Maintenance of Certification (MOC) Part IV Self-Evaluation of Practice Performance.

With the CathPCI Registry, you’ll always be in quality company

The CathPCI Registry was created by the ACC in association with the Society for Cardiovascular Angiography and Interventions Foundation (SCAI). As part of participating in the CathPCI Registry, your ACC offers a suite of quality improvement initiatives that provide:

- Comprehensive orientation and continuing educational opportunities, including hands-on workshops at the NCDR Annual Conference, to address the educational needs of your cardiovascular team
- Resources and toolkits that contain worksheets and checklists for use in individual and team-based learning
- Quality improvement webinars offered by industry experts that present real-world techniques, evidence, strategies and lessons learned

And much more.

Visit ncdr.com/CathPCI or call 800-257-4737
About the NCDR®

The ACC’s National Cardiovascular Data Registry (NCDR) offers a suite of hospital and outpatient registries to help you measure, benchmark and improve cardiovascular care for your patients.

- **ACTION Registry®** 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 Guidelines recommendations in their facilities and provides invaluable tools to assist them in achieving their goal of quality improvement.

- **AFib Ablation Registry™** assesses the prevalence, demographics, acute management and outcomes of patients undergoing atrial fibrillation (AFib) ablation procedures. Its data will support the development of evidence-based guidelines for AFib treatments that will improve outcomes for patients.

- **CathPCI Registry®** assesses the characteristics, treatment, 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 ICD implantation 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.

- **IMPACT Registry®** assesses the prevalence, demographics, management and outcomes of pediatric and adult congenital heart disease (CHD) patients who undergo diagnostic catheterizations and catheter-based interventions. Its data supports the development of evidence-based guidelines for CHD treatment that will improve outcomes for CHD patients of all ages.

- **LAAO Registry™** captures data on left atrial appendage occlusion (LAAO) procedures to assess real-world procedural outcomes, short and long-term safety, comparative effectiveness and cost effectiveness. LAAO provides a treatment option to manage stroke risk for non-valvular atrial fibrillation patients who are unable to maintain adequate anticoagulation through medication therapy.

- **Pinnacle Registry®** focuses on coronary artery disease, hypertension, heart failure, atrial fibrillation and diabetes in the outpatient setting. Its Health Insurance Portability and Accountability Act-compliant data collection option works with most electronic health record systems and its unique online portal delivers on-demand reports for viewing overall clinical care, accessing quality improvement best practices, and maximizing Physician Quality Reporting System and e-prescribing incentives.

- **PVI Registry™** assesses the prevalence, demographics, management and outcomes of patients undergoing lower extremity peripheral arterial catheter-based interventions, carotid artery stenting and carotid endarterectomy 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 transcatheter valve replacement and repair procedures – emerging treatments for valve disease patients. Employing state-of-the-art heart valve technology, transcatheter heart valve procedures provide new treatment options for patients who are not eligible for conventional heart valve replacement or repair surgery.

To learn more, visit [NCDR.com](http://NCDR.com)