

Advancing Chest Pain Care

Where High-Performing Health Systems Differentiate

The American College of Cardiology supports hospitals and health systems in improving chest pain care.



Chest Pain Care Is a System-Level Performance Risk



Over Utilization

High ED chest pain volume with mostly low-risk patients



Under Performance

Delays in diagnosis and treatment for true cardiac events



Fragmentation

Disconnected handoffs across departments



Lack of Standardization

Care varies by provider and timing



Staffing Constraints

Limiting staffing, high turnover and burnout

Health systems absorb rising costs, constrained throughput, increasing risk and inconsistent performance



AMERICAN
COLLEGE of
CARDIOLOGY®

The Enterprise Burden of Chest Pain Care



**Most Chest Pain Is
Low-Risk
90-95%**

Yet many patients consume
high-cost resources¹



**Avoidable Utilization
>\$17K**

Per unnecessary admission
for low-risk patient¹



**Missed MI Risk
~\$2.3M**

Liability risk per missed MI
when true risk is under-
recognized¹



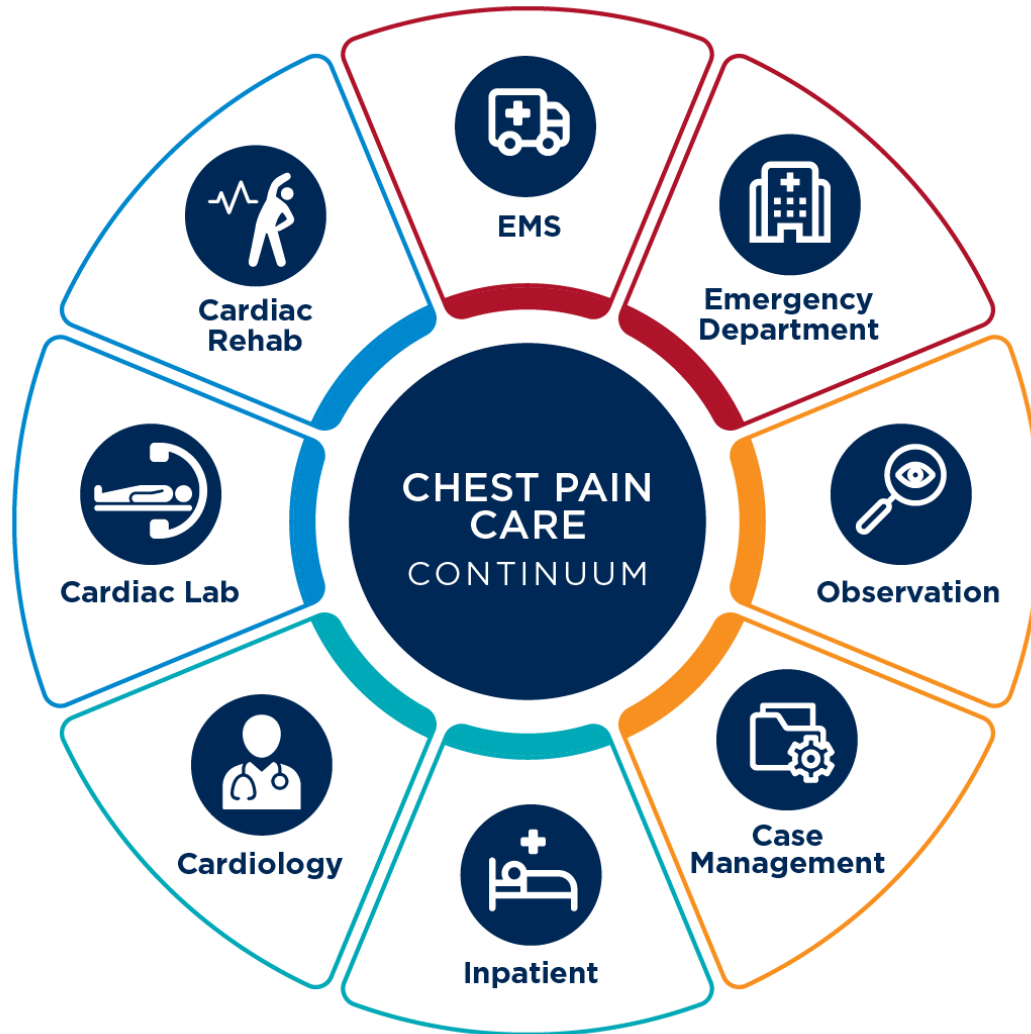
**Enterprise-Level Financial, Clinical and
Reputational Risk**



AMERICAN
COLLEGE of
CARDIOLOGY®

¹ Quinn J, Chung S, Kim D. Association of physician malpractice claims rates with admissions for low-risk chest pain. Am J Med Open. 2023;9:100041. PMID: PMC11256247.

Chest Pain Is a System Throughput Challenge



Requires Enterprise Visibility Across:

- ✓ Care Teams
- ✓ Clinical Pathways
- ✓ Diagnostics & Testing
- ✓ Escalation Processes
- ✓ Care Transitions

Why Leading Health Systems Partner with ACC



Evidence-Based Standards

National clinical guidance
and care standardization



Performance Intelligence

Registry benchmarking and
measurable quality
oversight



Scalable Improvement Infrastructure

Enterprise-wide framework
for continuous CV
improvement

Delivering Enterprise Results



Improved Patient Outcomes



Reduced Care Variation



Sustained Quality Improvement



AMERICAN
COLLEGE of
CARDIOLOGY®

Driving Clinical & Operational Performance Excellence with Chest Pain – MI Registry Data



Enhance Clinical Visibility

Across the chest pain and ACS populations



Benchmark System Performance

Against ACC/AHA guidelines and national standards



Identify Operational Improvements

Through actionable analytics and variation insights



Chest Pain – MI Registry Data



Enable Standardized Care Management

Across clinical pathways and sites of care

ACC registry data helps health systems move from fragmented reporting to continuous, enterprise-level performance management



AMERICAN
COLLEGE of
CARDIOLOGY®

Chest Pain – MI Registry Converts Variation into Operational and Financial Gains

Value Levers



01

Optimize Throughput

Improve resource utilization through earlier clinical decision making



02

Standardize Coordinated Care

Align workflows and patient handoffs across clinical teams



03

Reduce Care Variation

Use data-driven utilization insights to create consistency



04

Strengthen Financial Performance

Improve adherence while reducing avoidable readmissions



Enterprise-Level Value

Better decisions, coordinated workflows and reduced variation create measurable operational and financial impact.



AMERICAN
COLLEGE of
CARDIOLOGY®

How Chest Pain – MI Registry Improves Clinical Performance



Identify Care Variation

Reveal where risk stratification, testing, treatment and disposition differ across teams



Align Multidisciplinary Teams

Create a shared performance view across all chest pain care teams



Track Outcomes & Sustain Improvement

Monitor progress over time and keep attention on measurable clinical improvement



Consistent,
Evidence-Based
Care



Improve Guideline Adherence

Use registry insights to reinforce evidence-based practices and close clinical gaps

Chest Pain – MI Registry turns clinical data into a continuous improvement engine for chest pain care

Why Chest Pain – MI Registry Participation Is a Strategic Investment



National Recognition of Excellence

Receive awards and recognition for excellence in cardiac care



Long-Term Operational & Clinical Value

Improve outcomes, efficiency and patient experience over time



Readiness

Prepare for rising demand, complexity and cost pressure



Financial Performance

Support reimbursement, quality performance and value-based care success



Chest Pain – MI Registry Participation

Foundation for consistent measurement, benchmarking and performance management

Strategic Decision

Moves the organization from episodic reporting to a sustained enterprise performance capability.

Chest Pain-MI Registry + Chest Pain Center Accreditation: A Complete Performance Strategy



Chest Pain – MI Registry

Measure, benchmark and improve

- Measure Performance
- Benchmark Outcomes
- Identify Gaps
- Drive Improvement



Chest Pain Center Accreditation

Validate, recognize and differentiate

- Validate Excellence
- Demonstrate Readiness
- Achieve Recognition
- Differentiate in Market

**The registry creates the evidence engine. Accreditation
validates and elevates performance across the health system.**

The Choice Facing Health Systems Today



Maintain the Status Quo

- Ongoing variation across facilities and providers
- Delayed identification and treatment
- Continued operational inefficiency and avoidable cost
- Increasing regulatory and market pressure

OR



Lead in High-Performance MI Care

- Implement Chest Pain – MI Registry
- Achieve Chest Pain Center Accreditation
- Enable faster, data-driven clinical decisions
- Improve outcomes while reducing cost and risk

Leading systems are already making this transition.



Next Step

Partner with ACC to assess your current state and define your roadmap.



Assess Current
State



Identify Gaps



Define
Roadmap

ACC can help determine where you are today, and what it will take to lead tomorrow.



AMERICAN
COLLEGE of
CARDIOLOGY®