

# Acute Percutaneous Coronary Intervention (PCI) Episode Executive Summary

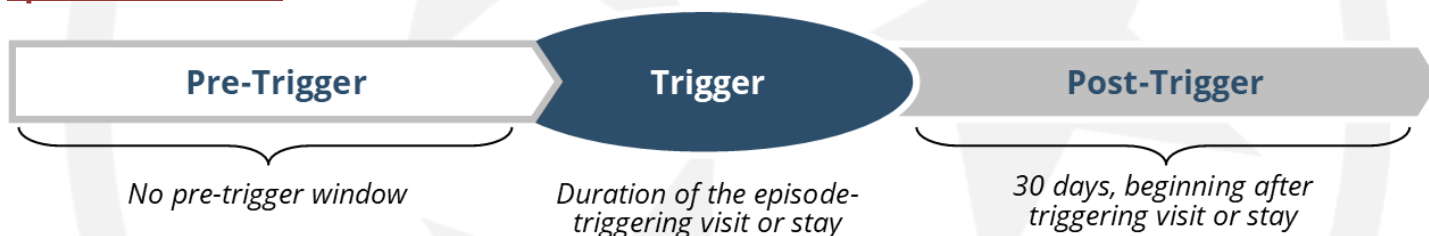
## Episode Design

- **Trigger:** PCI procedure
- **Quarterback type:** facility (PCI procedure site)
- **Care included:** all PCI-related care, including anesthesia, imaging and testing, surgical and medical procedures, evaluation and management, and medications

## Sources of Value

- Employ appropriate diagnostic tests to inform selection of interventional procedures
- Door-to-balloon time of 90 minutes or less and door-to-door-to-balloon time as short as possible
- Appropriateness of procedure
- Choose appropriate anesthesia, follow procedure protocol, make the most efficient use of patient stay, and minimize waiting for procedures and tests
- Reduce potential for complications due to technical performance (e.g., site of access, type of procedure)
- Employ evidence-based choice of therapies and medications
- Reduce admissions through coordinated discharge care and patient education

## Episode Duration



## Quality Metrics

### Tied to Gain-Sharing

- Hospitalization in the post-trigger window (lower rate is better)

### Informational Only

- Multiple-vessel PCI
- Staged PCI
- Difference in average morphine equivalent dose (MED) per day

## Making Fair Comparisons

### Exclusions

- Business exclusions: inconsistent enrollment, third-party liability, dual eligibility, FQHC/RHC, no PAP ID, incomplete episodes, overlapping episodes
- Clinical exclusions: different care pathway (e.g., COVID-19, arteritis, cardiogenic shock, circulatory congenital anomalies, coma, cystic fibrosis, end stage renal disease, multiple sclerosis, organ transplant, paralysis, Parkinson's, sickle cell anemia, active cancer management)
- Patient exclusions: age (less than 18 or greater than 64 years old), death, left against medical advice
- High-cost outlier: episodes with risk-adjusted spend greater than three standard deviations above the average risk-adjusted episode spend for valid episodes are excluded.

**Risk adjustment** is used to ensure appropriate comparisons between patients.

**To learn more about the episode's design**, please reference the Detailed Business Requirements (DBR) and Configuration File on our website at <https://www.tn.gov/tenncare/health-care-innovation/episodes-of-care/searchable-episodes-table.html>.