

# Knee Arthroscopy Episode

## Executive Summary

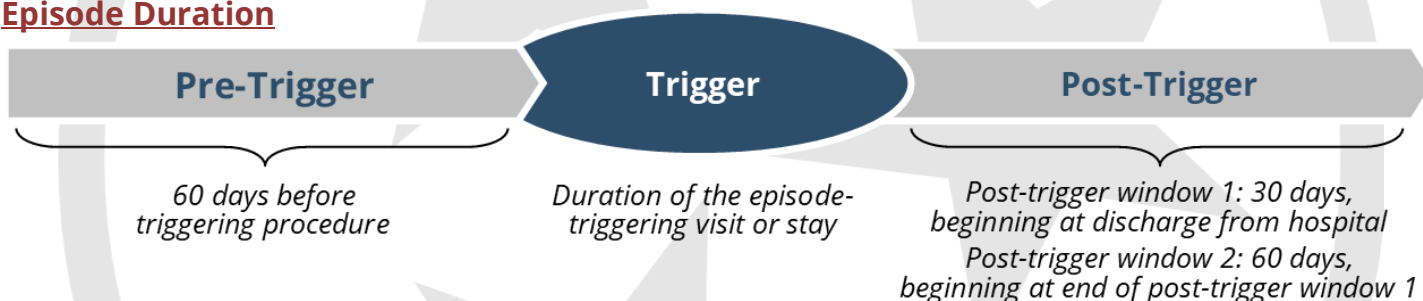
### Episode Design

- **Trigger:** knee arthroscopy procedure
- **Quarterback type:** professional (provider who performs the procedure)
- **Care included:** all related care, including anesthesia, imaging and testing, surgical and medical procedures, evaluation and management, and medications

### Sources of Value

- Conservative management by assessment and management of knee pain
- Appropriate pre-procedural imaging (e.g., x-ray, MRI)
- Appropriate and evidence-based decision to intervene
- Appropriate choice of procedure
- Appropriate use of anesthesia / regional blocks
- Appropriate durable medical equipment (e.g., knee brace)
- Timely follow-up care with orthopedic surgeon and/or primary care physician
- Evidence-based choice of post-surgical medications (e.g., NSAIDs, reducing opioids)
- Resolution of symptoms and restoration of functionality
- Reduced complications and additional interventions

### Episode Duration



### Quality Metrics

#### **Tied to Gain-Sharing**

- Difference in average morphine equivalent dose (MED) per day (higher rate is better)

#### **Informational Only**

- Average MED/day during the pre-trigger opioid window
- Average MED/day during the episode post-trigger opioid window
- Non-indicated diagnosis
- Pre-operative physical therapy
- Multiple MRIs
- Opioid and benzodiazepine prescriptions

### Making Fair Comparisons

#### **Exclusions**

- Business exclusions: DCS custody, 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, total knee replacement)
- 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>.