

# Human Immunodeficiency Virus (HIV) Episode Executive Summary

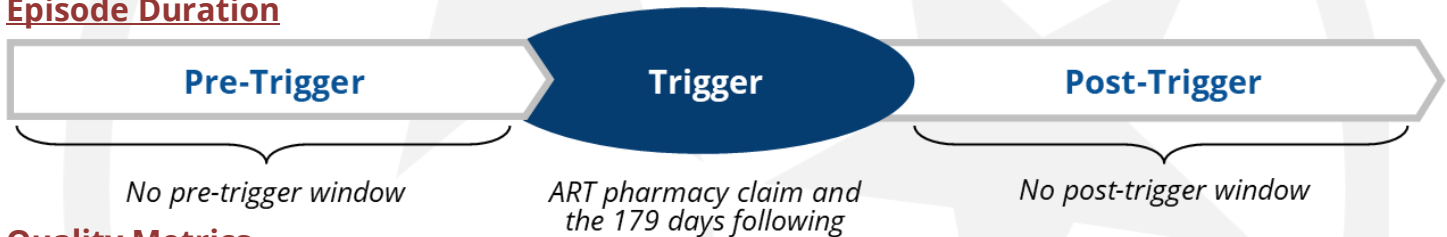
## Episode Design

- **Trigger:** anti-retroviral therapy (ART) pharmacy claim
- **Quarterback type:** professional (provider with the plurality of visits)
- **Care included:** specific relevant HIV-related care, including testing, medications, and surgical and medical procedures

## Sources of Value

- Timely linkage to HIV care
- Selection of appropriate ART regimen
- Improved adherence to ART
- Appropriate use of multi-disciplinary care, including nutritional support and behavioral health
- Reduction in viral load
- Reduction in transmission of HIV (indirect)
- Appropriate testing and screening
- Appropriate use of prophylaxis
- Prevention / delay in HIV complications
- Appropriate treatment of HIV complications
- Appropriate access and setting of care
- Appropriate management of related comorbidities

## Episode Duration



## Quality Metrics

### Tied to Gain-Sharing

[This section is not applicable to this episode.]

### Informational Only

- Periodic ART refill
- Viral status reporting
- Infrequent ART refill
- New patients
- Viral suppression
- Preferred drug use
- Hospitalization
- ED visit
- Screening for sexually transmitted infections (STIs)
- Screening for hepatitis C

## 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, cardiac arrest, cystic fibrosis, multiple sclerosis, spinal cord injury, DCS custody)
- Patient exclusions: age (less than 1 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>.