



1. **CMS Measure ID/CMS QCDR ID:** CAP9
2. **Measure Title:** Turn-Around Time (TAT) - Troponin
3. **Measure Description:** Rate of cases in which the TAT target for troponin results ordered in the Emergency Room (ER) is met
4. **Denominator:** Total number of troponin tests from the ER
5. **Denominator Exclusions:**
  - a. Troponin ordered after specimens have arrived in the laboratory (added on at a later time).
  - b. Point of care testing
  - c. Troponin tests ordered from locations other than the ER
  - d. Patients who are transferred from another acute-care facility
  - e. Inpatients and patients who may have troponin markers performed for reasons other than ruling out acute myocardial infarction.
6. **Denominator Exceptions:** None
7. **Numerator:** Total number of troponin orders from the ER that meets the turn-around time target for verified test result availability  
  
Definitions:  
Turn-around time (TAT) - time it takes from the time test is ordered in the LIS to when the test result is available in the LIS  
  
Turn-around time (TAT) target - 60 minutes (1 hour)
8. **Numerator Exclusions:** None
9. **Rationale:** Turn-around time in the ER is important both for care coordination (ensuring the patient receives appropriate timely care) and a patient safety issue as delays in lab results may be critical to patient outcomes.
10. **NQF Number:** N/A
11. **eCQM Number:** N/A
12. **NQS Domain:** Communication and Care Coordination
13. **Outcome or High Priority?:** High Priority
14. **High Priority Type:** Care Coordination
15. **Measure Type:** Process



- 
16. **Inverse Measure:** No
  17. **Proportional Measure:** Yes
  18. **Continuous Variable Measure:** No
  19. **Ratio Measure:** No
  20. **If Continuous Variable and/or Ratio is chosen, what would be the range of the score(s)?:** N/A
  21. **Number of performance rates to be submitted:** 1
  22. **Overall Performance Rate if more than 1 performance rate is to be submitted:** N/A
  23. **Is the Measure Risk-Adjusted?:** No
  24. **Data Source:** Laboratory Information System
  25. **Reference:** Novis, DA, et al. (2004) "Biochemical Markers of Myocardial Injury Test Turnaround Time: A College of American Pathologists Q-Probes Study of 7020 Troponin and 4368 Creatinine-Kinase-MB Determinations in 159 Institutions." Arch Path Lab Med 128(2):158-164.