



Note: If you or your group has oversight responsibility/directorship of the lab performing the troponin testing, you can report on this measure.

1. **CMS Measure ID/CMS QCDR ID:** CAP9
2. **Measure Title:** Turnaround 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

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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.