

# Troponin FAQ

## High-Sensitivity Troponin T

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- What is the High-Sensitivity Cardiac Troponin T Assay?
  - Troponin T is a cardiac-specific protein and a marker of myocardial injury. Troponin T aids in the diagnosis of acute coronary syndrome (ACS).
  - The assay will be reported as NORMAL (<11(F/NB)/<14(M) ng/L), INDETERMINATE and ABNORMAL (>50 ng/L).
- What is the MMC telemetry bed policy regarding transfers to Cardiology?
  - MMC transfers to telemetry capable beds should follow the established [MMC ECG Monitoring Policy](#).
  - MMC orders for a single or troponin panel in-and-of-itself should not be used as criteria to initiate a transfer.
  - MMC transfers to telemetry should be based off of a high-risk clinical presentation concerning for ACS or arrhythmia with instability.
  - Other MH sites are to follow their respective institutional policies, as applicable.
- The *Cancel 4-hour Troponin BPA* fired, how do I cancel the 4hr order?
  - In the cancel 4-hour Troponin BPA, click the link “*Recommended: ED Provider Cancel Troponin 4 hour lab*,” this takes you to the **Active Orders** tab located next to the ED Quick List tab.
  - Find the active TroponinT 4-Hour order and click the **Discontinue** button. Click **Sign** to discontinue the order.
- Is there a way to easily view all troponin orders?
  - The “High-Sensitivity Cardiac Troponin T Report” is available in Epic under the **Summary** or **Snapshot** tab and includes all troponin order results along with important information and the algorithm.
  - Add report: in the Summary or Snapshot activity search “troponin,” use the wrench icon to add the report. This is also available in the ED Trackboard reports.
- How do I reorder when the specimen is hemolyzed?
  - If the baseline Troponin T is hemolyzed, a new panel needs to be re-ordered with a new collection; the baseline will be reported as hemolyzed, and the original pending 2-hour and 4-hour collections will have to be cancelled before a new panel is ordered.
  - If the 2-hour Troponin T is hemolyzed, you can either order a standalone Troponin T to fill in or wait for the 4-hour collection.
  - If the 4-hour Troponin T is hemolyzed, a re-collection may be needed based on the algorithm and clinical relevance.
- What if I need to change the timing of panel orders?
  - It’s not recommended to adjust the panel order times. If one of the panel three order collection times is adjusted, all proceeding order times need to be adjusted accordingly (every 2 hours).
  - The delta will not apply if the orders (2-hour vs. baseline, or 4-hour vs. baseline) are more than 5hrs apart.
- What is a screening troponin?
  - We recommend the use of the Troponin T panel. We currently, in general, don’t recommend the use of single Troponin T sampling. In order for this to be considered “negative” the patients lab value must be <6 and a delta <4.
- How is this new test different than what we used to do?
  - In many ways. Please refer to video recording of steering committee presentation [HERE](#).

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Click [HERE](#) for detailed information and the hs-cTnT algorithm

Further questions? Contact

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