What do INPATIENT TEAMS need to know about the Chest Pain Pathway? (Go-Live Date: May 7, 2019)

Hs-trop Redesign Key Points

- The new high sensitivity troponin-T (hs-Trop T) test will replace the current Troponin I test. They are VERY different.
  - A "reported" or "detected" value does not mean a "positive" test.
  - The current (old) assay measures Troponin I and reports in ng/mL. The new assay measures Troponin T in pg/ml. Although correlation isn’t perfect, an hs-Trop T measurement of 30 pg/ml roughly correlates with the initial detectable level of our old Trop I assay (just above 0.1 ng/ml). An hs-Trop T of 140 pg/ml roughly correlates with an old Trop I value of 1.0 ng/ml.
  - “Rule-in” means ruled-in for myocardial injury and clinical context (ischemia) must be used to define the cause of myocardial injury (ACS, myocardial infarction, etc.). 19pg/ml is 99th URL. (see figure on right)
  - Do not order hs-Trop T as a routine lab without a compelling clinical reason.
  - Reference the High Sensitivity Troponin T Interpretation Diagram: [LINK](#)

References: