University of New Mexico Hospital
High Sensitivity Cardiac Troponin T (hs-cTnT) Algorithm/ACS Evaluation

Cutoff values based on the Elecsys Troponin T Gen 5 (TNT-G5ST) immunoassay: sex-specific 99th percentile upper reference limit of normal (Females 14ng/L and Males 22ng/L).

Disclaimer: This algorithm is to be used as guidance. It does not supersede clinical judgement based on clinical presentation.

Heart Score
- History
  - High suspicious 2
  - Moderately suspicious 1
  - Slightly suspicious 0
- ECG
  - Significant ST-segment depression 2
  - Nonspecific abnormalities 1
  - Normal 0
- Age
  - >65 2
  - 45-65 1
  - <45 0
- Risk Factors
  - 3 or more 2
  - 1 or 2 1
  - No risk factors 0
- Troponin
  - >3 x normal limit 2
  - 1-3 x normal limit 1
  - < normal limit 0

Total
- Low risk 0 to 3
- Moderate risk 4 to 6
- High risk >7