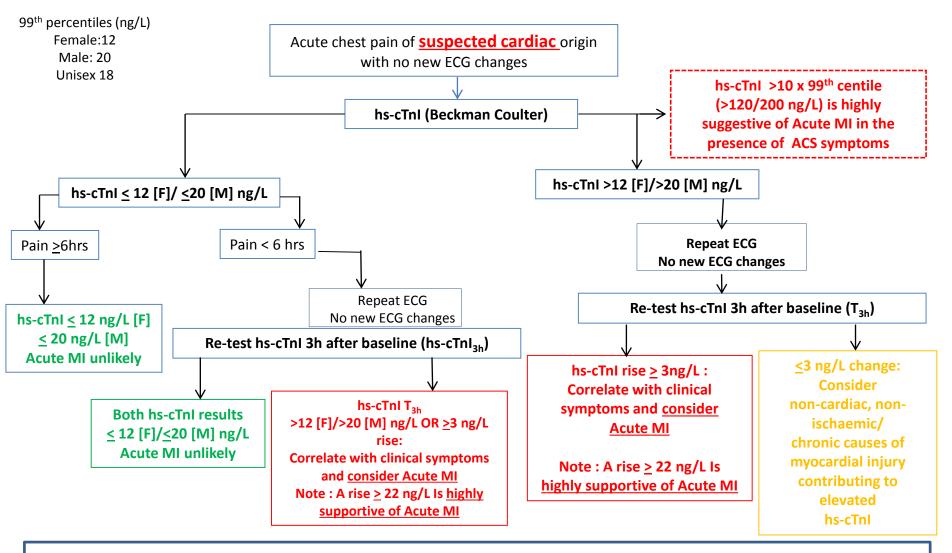
Clinical Guideline: High sensitivity cardiac Troponin I (hs-cTnI) testing, National Orthopaedic Hospital, Cappagh

Dr Graham Lee, Consultant Clinical Biochemist, MMUH and NOHC (glee@mater.ie)



Note 1: hs-cTnI must be correlated with clinical symptoms and ECG. This algorithm is a guide; if patient's presentation and symptoms suggest acute MI, consult physician/cardiology.

Note 2: Gender specific 99th percentiles are quote. Unisex 99th percentile = 18 ng/L.

Note 3: the troponin change (Δ, mg/L)helps support diagnostic specificity and appropriate Rule In of ACS. However such a change may not be achieved especially where there is a large troponin elevation at baseline and therefore AMI/ACS should not be rule out, especially where clinical suspicion of AMI remains.