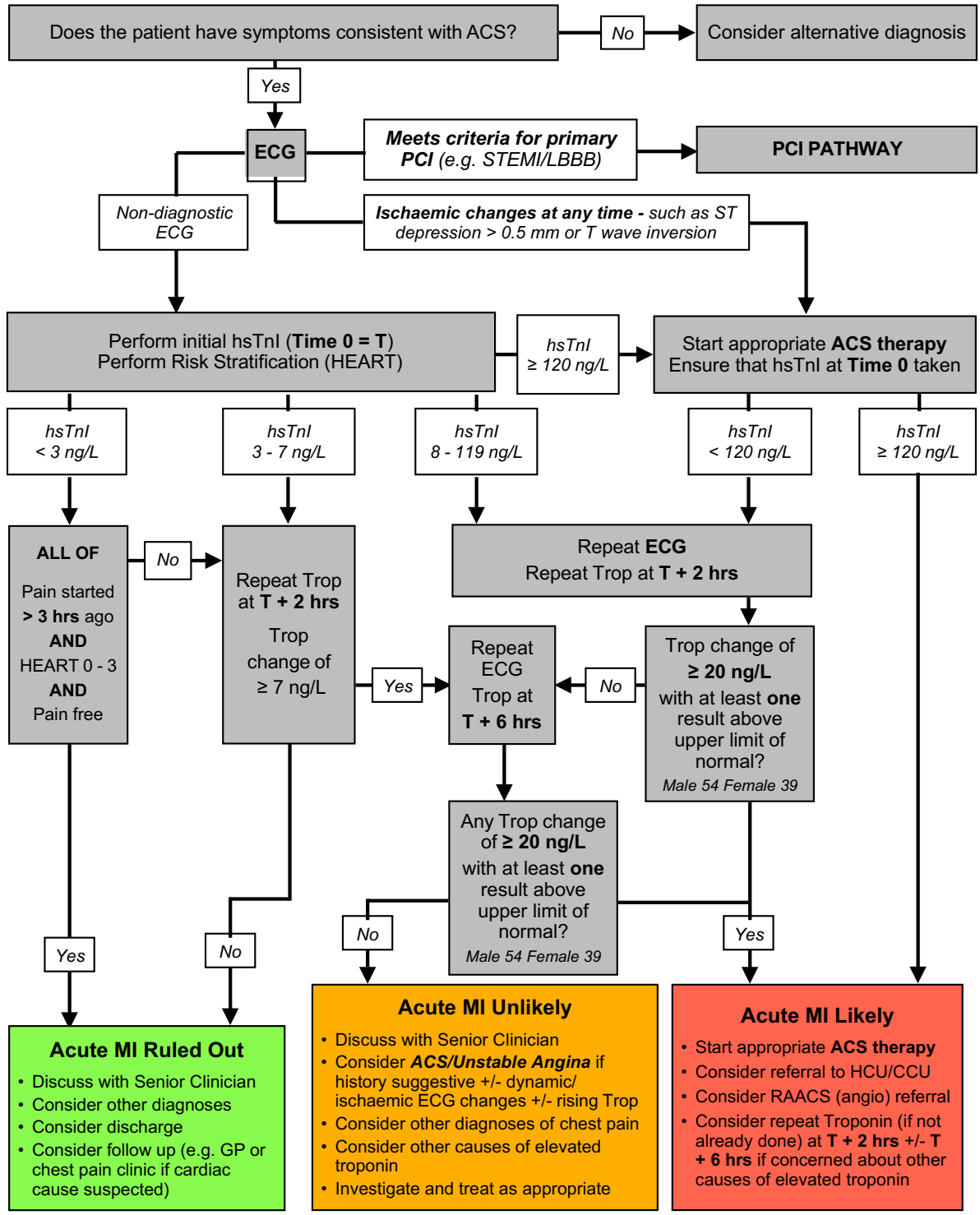
Northern Care Alliance
NHS Foundation Trust

Troponin Interpretation QRG

For use only with Siemens Atellica Troponin assay at Oldham, Bury and Rochdale



With effect from 25.09.23, the troponin assay at Bury, Rochdale and Oldham changed to Siemens Atellica assay. A 2-hour rapid rule in and rule out algorithm for this particular troponin assay has been developed based on the ESC 2020 guidelines for the management of acute coronary syndrome[1] which has been validated by Nowak et al[2].

(This algorithm should not be used at Salford as a different troponin assay is currently in use there, with different normal ranges)

References:

1. ESC Scientific Document Group (2021). 2020 ESC Guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation: The Task Force for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation of the European Society of Cardiology (ESC), *European Heart Journal* 2021, 42(14): 1289–1367. https://doi.org/10.1093/eurheartj/ehaa575

2. Nowak RM, et al. (2020). Performance of Novel High-Sensitivity Cardiac Troponin I Assays for 0/1-Hour and 0/2- to 3-Hour Evaluations for Acute Myocardial Infarction: Results From the HIGH-US Study. *Ann Emerg Med.* 2020, 76(1):1-13. https://doi.org/10.1016/j.annemergmed.2019.12.008

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Lead Author and contact details	Denise Darby Consultant Chemical Pathologist Denise.Darby@nca.nhs.uk 0161 206 4961
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