

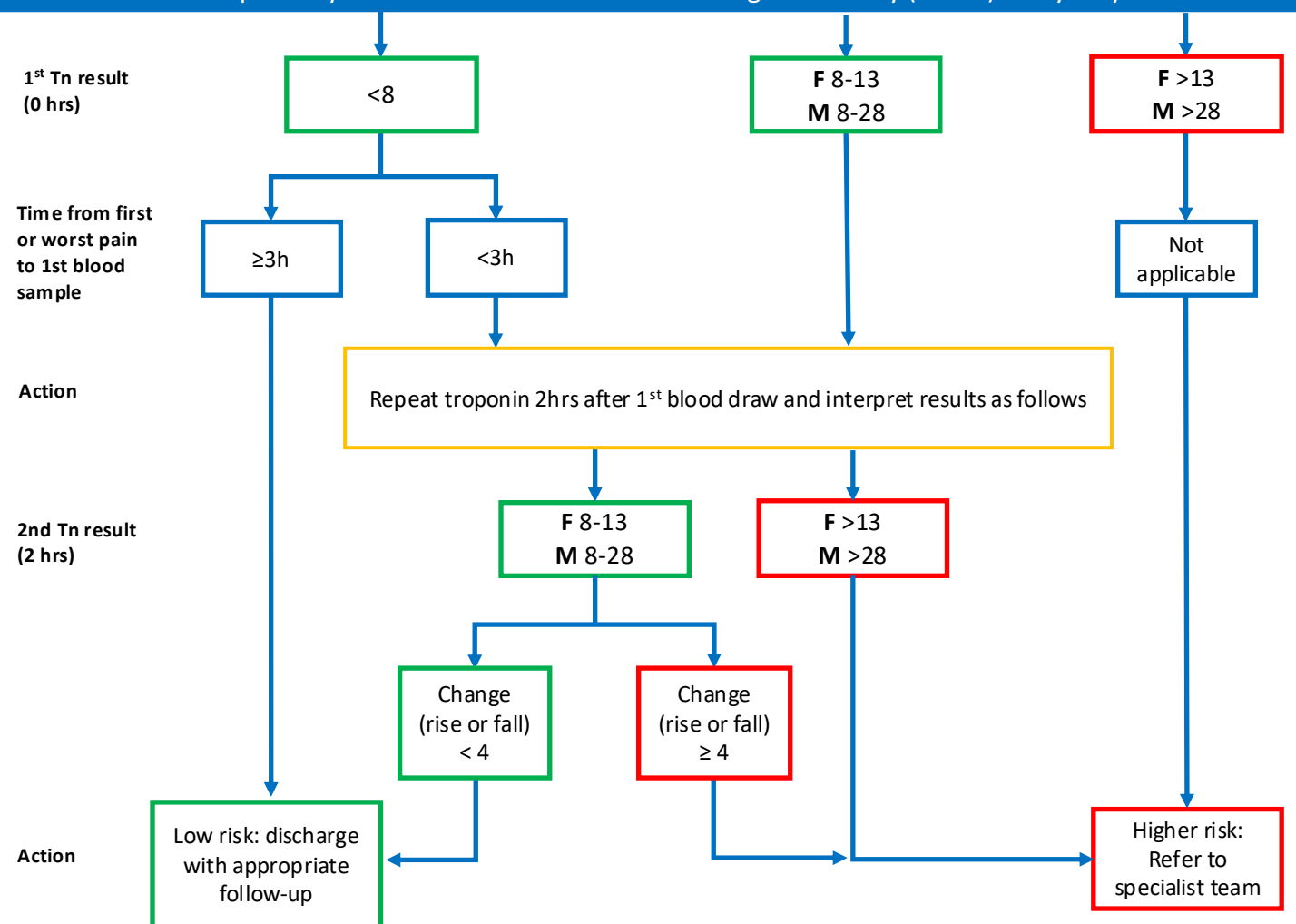
Community Management of a Patient with Suspected Cardiac Ischaemia

using Troponin Values obtained by **Abbott i-STAT Point-of-Care (POC) high sensitivity (hs-TnI) assay**

<input type="checkbox"/> Perform ECG	ECG is suggestive of STEMI	<div style="writing-mode: vertical-rl; transform: rotate(180deg);">Refer to specialist team</div>
<input type="checkbox"/> Check for high-risk features	High-risk features present: <ul style="list-style-type: none"> Looks unwell / Haemodynamic instability History suggestive of unstable angina New ischaemic changes on ECG Ongoing chest pain most likely cardiac 	
<input type="checkbox"/> Check for significant alternative diagnosis	Significant alternative diagnosis present: <ul style="list-style-type: none"> Aortic dissection PE / Pneumothorax Oesophageal rupture Pancreatitis 	
<input type="checkbox"/> Calculate EDACS score (see below)	EDACS score ≥ 16	

If none of the above situations are present, proceed as below **IF** the clinician is comfortable managing the patient in the community, **AND** blood results and follow-up results can be safely managed.

This pathway is to be used with Abbott i-STAT high sensitivity (hs-TnI) assay only



This pathway categorises risk of MI on presentation (and up to 30 days after). **It does not** rule out future cardiac events. Consider appropriate follow up for higher cardiovascular risk patients.

EDACS (Emergency Department Assessment of Chest Pain Score)					
Age	<input type="checkbox"/> 18-45 = + 2	<input type="checkbox"/> 56-60 = + 8	<input type="checkbox"/> 71-75 = + 14	<input type="checkbox"/> 86+ = + 20	Sub-score
	<input type="checkbox"/> 46-50 = + 4	<input type="checkbox"/> 61-65 = + 10	<input type="checkbox"/> 76-80 = + 16		
	<input type="checkbox"/> 51-55 = + 6	<input type="checkbox"/> 66-70 = + 12	<input type="checkbox"/> 81-85 = + 18		+
Age related risk factors for coronary artery disease (CAD):					
	<input type="checkbox"/> Age 51+				= 0
	<input type="checkbox"/> Age 18-50 with NO known CAD* AND LESS THAN THREE of the other risk factors				= 0
	<input type="checkbox"/> Age 18-50 with ANY known CAD* OR THREE OR MORE of the other risk factors				= + 4
Other 5 risk factors	<input type="checkbox"/> Family history of premature CAD**	<input type="checkbox"/> Diabetes#	<input type="checkbox"/> Hypertension#	<input type="checkbox"/> Ethnic groups at higher risk	
		<input type="checkbox"/> Dyslipidaemia #	<input type="checkbox"/> Current smoker		
Symptoms	<input type="checkbox"/> Diaphoresis (in association with pain)*				= + 3
	<input type="checkbox"/> Pain❖ is pleuritic (sudden worsening with inspiration)				= - 4
	<input type="checkbox"/> Pain❖ radiates to arm/shoulder/neck/jaw				= + 5
	<input type="checkbox"/> Pain❖ reproduced by palpation				= - 6
Sex	<input type="checkbox"/> Male = + 6	<input type="checkbox"/> Female = 0			+
TOTAL SCORE (may be a negative)					=
KEY:	*Known CAD = Previous AMI, CABG or PCI				
	** A first-degree relative with history of an ischaemic cardiac event at <55 yrs if male or <65 yrs if female				
	# If patient is on treatment for a condition (e.g. statins for dyslipidaemia) select yes, even if no documented diagnosis.				
	❖ Pain that caused the presentation				