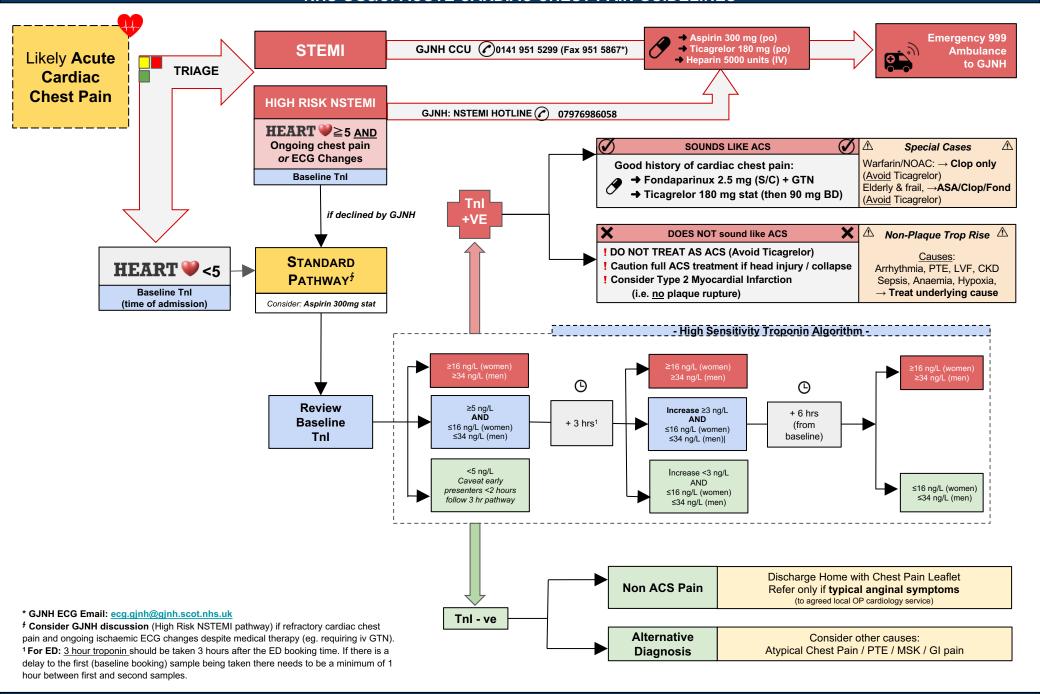
NHS GG&C: ACUTE CARDIAC CHEST PAIN GUIDELINES



NHS Greater Glasgow and Clyde (v2.3)
Approved by: Heart MCN (Sept 2017)

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HEART W Score Chest Pain Stratification Risk Tool

	Highly suspicious for ACS	2
History	Moderately suspicious for ACS	1
ECG	Slightly or non-suspicious for ACS	0
	Significant ST-depression / T - wave inversion	2
	Non-specific repolarisation disturbance	1
Age	Normal	0
	≥65 years	2
	45–65 years	1
Risk factors	≤45 years	0
	≥3 risk factors, or history of CVD	2
	1 or 2 risk factors	1
Troponin I	No risk factors known	0
	Elevated HsTn (> 16 women, > 34 men)	1
Поролиг	≤ Normal Limit	0
TOTALS		/ 9

GUIDE: HOW TO CALCULATE THE HEART SCORE

The HEART score is a risk stratification tool first used in the Emergency Department to predict the likelihood of a major adverse cardiac event within 6 weeks following presentation with chest pain.

A score is assigned from 5 specific elements (History, ECG changes, Age, Risk factors and Troponin) to give a value between 0 and 9. Three of the elements are explained in detail below:

History - From your history characterise the patient's chest pain as typical or atypical. The following distinctions have been agreed:

- 1. Typical pain central of left-sided chest pain with radiation to the arms or throat, or associated sweating or clamminess.
- Atypical pain without chest pain or right sided chest pain or pain that radiates to the back or is worsened by inspiration/palpation.
 - **2 points**: highly suspicious chest pain (i.e. typical pain)
 - → 1 point: moderately suspicious chest pain (i.e. mixed typical/atypical features)
 - **0 point:** chest pain slightly or moderately suspicious (i.e. atypical pain only)

Electrocardiogram (12 Lead ECG) - From the 12 lead ECG:

- → 2 points: ECG shows features new/presumed new features of acute ischaemia or infarction (eg. significant ST depression, T-wave inversion)
- → 1 point: ECG is abnormal but not diagnostic of ischaemia (eg. right bundle branch block, paced rhythm) or if ECG suggests previous infarction
- → 0 points: ECG is normal

Risk Factors: Count the number of risk factors for coronary artery disease:

- Diabetes mellitus
- Current or recent (<90 days) smoker
- Hypertension (diagnosed or treated)
- Hypercholesterolaemia
- Family history of coronary artery disease Obesity (BMI > 30)
- 2 points: 3 or more risk factors or significant atherosclerotic disease (including previous coronary revascularisation, myocardial infarction, peripheral arterial disease)
- 1 point: 1-2 risk factors
- **0 point:** no risk factors

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