

Adult (≥ 18) assessed in ED with primary
complaint of chest pain

History EKG Age Risk
(HEAR) Score

HEAR < 4

+

Troponin
Interpretation*

Negative for ACS

=

DISCHARGE

HEAR ≥ 4

OR

Indeterminate

Positive for ACS

=

FOLLOW
INSTITUTIONAL
PROTOCOLS

**Follow the institutional protocol for interpreting your hospital's troponin assay result*

			LOWER RISK FEATURES	ELEVATED RISK FEATURES
HISTORY	Low risk history	+0	Pain location	Well-localized
	Moderate risk history	+1	Pain radiates	No
	High risk history	+2	Pain character	Sharp
EKG	Normal	+0	Exertion worse	No
	Abnormal, not ischemic	+1	Nitroglycerin helps	No
	Ischemic	+2	Nausea/Vomiting	No
AGE	<45 years old	+0	Diaphoresis	No
	45—64 years old	+1		
	≥65 years old	+2		
RISK FACTORS	No known risk factors	+0		
	1-2 risk factors	+1		
	≥3 risk factors and/or known CAD/PAD	+2		
TOTAL HEAR SCORE =				

RISK FACTORS	
Hypertension	
Hypercholesterolemia/Atherosclerosis	
Diabetes mellitus	
Myocardial infarction	
BMI ≥30 kg/m ²	
Smoking in last 90 days	
1st degree relative w/ CAD before 55 yrs	

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