

Table 2

Three Objective Models For Scoring the History Component of the HEART Score

Model 1	Model 2	Model 3
0 Points: Atypical Only	0 Points: 0-2 Symptoms	0 Points: 1-2 Minor Only
1 Point: Typical and Atypical	1 Point: 3-4 Symptoms	1 Point: >1 Major or >2 Minor
2 Points: Typical Only	2 Points: >4 Symptoms	2 Points: >1 Major or Major + Minor
Typical: -Substernal chest pain -Exertional chest pain -Relief with nitroglycerin -Cold sweats/ diaphoresis -Pain in L arm -Jaw pain Atypical: -Weakness -Nausea -Dyspnea -Dizziness -Pain in both arms -Pain under shoulders -Pain in R arm/ shoulder -Neck pain	Symptoms: -Substernal chest pain -Exertional chest pain -Relief with nitroglycerin -Weakness -Nausea/ vomiting -Dyspnea -Cold sweats/ diaphoresis -Jaw/ teeth pain -Neck pain -Pain in both arms -Pain under shoulders -Dizziness -Pain in R arm/ shoulder	Major: -Dyspnea -Substernal chest pain -Exertional chest pain -Relief with nitroglycerin Minor: -Weakness -Nausea/ vomiting -Cold sweats/ diaphoresis -Jaw/ teeth pain -Neck pain -Pain in both arms -Pain under shoulders -Pain in L arm -Dizziness -Pain in R arm/ shoulder

original 2008 paper proposing HEART score

In one year at a single tertiary care ED (n = 745)

	Model 1	Model 2	Model 3
Mean HEART Score	2.97 (SD = 1.17)	2.57 (SD = 1.25)	3.30 (SD = 1.35)
AIC for Positive Cardiac Test Result (e.g. positive stress ECG)	400.39	395.46 (better fit)	397.64

AIC = Akaike information criterion

Marchick MR, Setteducato ML, Revenis JJ, et al. Comparison of Three Symptom Classification Methods to Standardize the History Component of the HEART Score. Crit Pathw Cardiol. 2017;16(3):102-104. doi:10.1097/HPC.0000000000000119

Case

Plan for Mrs. Pane

- Despite only having atypical symptoms, you decide that you will rate Mrs. Pane's history as "moderately suspicious."

