

# HEART Score for Major Adverse Cardiac Events (HEART Score)

Category: Cardiology, Emergency | Items: 5 | Time: ~1-2 min

## Description / When to Use

6-week MACE risk in ED patients with chest pain

## Instructions for Respondent

Please read each statement carefully and respond based on how you have felt over the specified time period. There are 5 items in this scale. Estimated completion time: 1-2 min.

## Scale Items

### 1. History

0 = Slightly suspicious | 1 = Moderately suspicious | 2 = Highly suspicious

### 2. ECG

0 = Normal | 1 = Non-specific repolarization disturbance | 2 = Significant ST deviation

### 3. Age

0 = < 45 | 1 = 45–64 | 2 = ≥ 65

### 4. Risk factors

0 = No known risk factors | 1 = 1–2 risk factors | 2 = ≥ 3 risk factors or known atherosclerotic disease

### 5. Initial troponin

0 = ≤ normal limit | 1 = 1–3x normal limit | 2 = > 3x normal limit

## Scoring Guide

Sum all 5 items. Total range 0-10.

## Cutoff Interpretation

Score Range	Severity	Recommended Action
0–3	Low risk	0.9–1.7% MACE — consider discharge with follow-up.
4–6	Moderate risk	12–17% MACE — admit for observation.
7–10	High risk	50–65% MACE — early invasive strategy.

## Psychometric Properties

See original validation study for reliability and validity data.

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## Citation (APA Format)

Six AJ et al. Neth Heart J. 2008;16(6):191-196.  
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