

STEMI Patterns

AHA Guidelines for Classifying STEMI

ST-elevation in 2 anatomically contiguous leads measuring:

- Men < 40 years of age: 2.5 mm in V2-V3 and 1 mm in all other leads
- Men ≥ 40 years of age: 2 mm in V2-V3 and 1 mm in all other leads
- Women: 1.5 mm in V2-V3 and 1 mm in all other leads

70% sensitivity, 85% specificity for acute coronary occlusion

Localizing STEMI

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|--------------------------|--|-----------------------|----------------------------|
| I HIGH LATERAL LCX | aVR (MAINSTEM) Suspect Proximal LAD or Severe 3VD | V1 SEPTAL LAD | V4 ANTERIOR LAD |
| II INFERIOR RCA | aVL HIGH LATERAL LCX | V2 SEPTAL LAD | V5 LATERAL LAD / LCX |
| III INFERIOR RCA | aVF INFERIOR RCA | V3 ANTERIOR LAD | V6 LATERAL LAD / LCX |

[Further Reading](#)

References

1. O’Gara PT, et al. 2013 ACCF/AHA Guideline for the Management of ST-Elevation Myocardial Infarction: Executive Summary: A Report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines. 2012. [\[Link\]](#)

