

12 Lead Contiguous Leads - Septal Wall MI

In a the 12 contiguous leads of an ECG, the septal leads are V1 and V2. Thus, with a septal wall myocardial infarction, we see ST-segment changes and elevation in leads V1 and V2. Septal infarcts stem from insult to the left anterior-descending coronary artery (LAD).



PLAY PICMONIC

Elevated Leads

Lead V1

[V \(1\) Wand](#)

V1 is a septal lead, and with septal wall infarctions, there are ST-segment changes seen on ECG.

Lead V2

[V \(2\) Tutu](#)

On ECG, we see ST-segment changes on lead V2 with septal wall infarcts. Lead V2 is known as a septal lead.

Artery Affected

Left Anterior Descending (LAD)

[LED LAD](#)

The left anterior descending coronary artery, or LAD, is also termed the "widow maker," because it supplies 45-55% of the left ventricle. Occlusion of this artery can lead to septal wall infarct.