

Recognition of MI on 12 Lead EKG

Location of Infarct	Lead	Vessel	Electrical complications	Mechanical complications
Lateral	I, aVL, V5, V6	Circumflex	PVC, SB, ST, APB, A fib	Ventricular hypertrophy
Inferior	II, III, aVF	RCA	PVC, SB, ST, JR, APB, A fib, 1 st AV block, Wenckebach	RV infarct, papillary muscle rupture, mitral insufficiency, atrial infarct
Posterior	V2 - V4 Reciprocal	RCA or Circumflex		
Anterior	V1 - V6, mostly V3-V5	LCA	PVC, SVT, 2 nd °II, CHB, BBB, hemiblocks	Ventricular aneurysm, heart failure, cardiogenic shock
Anteroseptal	V ₁ -V _{3 or 4}	LAD		
Anterolateral	I, aVL, V4-V6	LAD or circumflex		