12 Lead Groupings

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Groupings are used to identify areas of ischemia, injury, or infarct on a 12 lead EKG.

Remember the groups!!

- Keep it simple
- Knowing the groups identifies where in the heart ischemia, injury, or infarct has occurred

I Lateral	aVR	V1 Septal	V4 Anterior
II Inferior	aVL Lateral	V2 Septal	V5 Lateral
III Inferior	aVF Inferior	V3 Anterior	V6 Lateral

L = Lateral

I = Inferior

S = Septal

A = Anterior

L.I.S.A is read left to right and interpreted in letter order of mnemonic

Assess Lateral leads, Inferior leads, Septal leads, Anterior leads

I Lateral	aVR	V1 Septal	V4 Anterior
II Inferior	aVL Lateral	V2 Septal	V5 Lateral
III Inferior	aVF Inferior	V3 Anterior	V6 Lateral

MNEMONIC
(LISA)

What are we looking for ?

- ST/J point elevation, depression within the groups.
- Tall peaked, flat, or inverted T waves.
- 2 mm or more in 2 or more contiguous or anatomically connected leads.