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

<table>
<thead>
<tr>
<th>I Lateral</th>
<th>aVR</th>
<th>V1 Septal</th>
<th>V4 Anterior</th>
</tr>
</thead>
<tbody>
<tr>
<td>II Inferior</td>
<td>aVL Lateral</td>
<td>V2 Septal</td>
<td>V5 Lateral</td>
</tr>
<tr>
<td>III Inferior</td>
<td>aVF Inferior</td>
<td>V3 Anterior</td>
<td>V6 Lateral</td>
</tr>
</tbody>
</table>
L.I.S.A is read left to right and interpreted in letter order of mnemonic

L = Lateral
Assess Lateral leads, Inferior leads, Septal leads, Anterior leads

I = Inferior

S = Septal

A = Anterior

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.