

12-lead ECG Placement (≥ PL2)

Clinical Indications:

1. [Suspected STEMI, cardiac, or cardiac related event.](#)

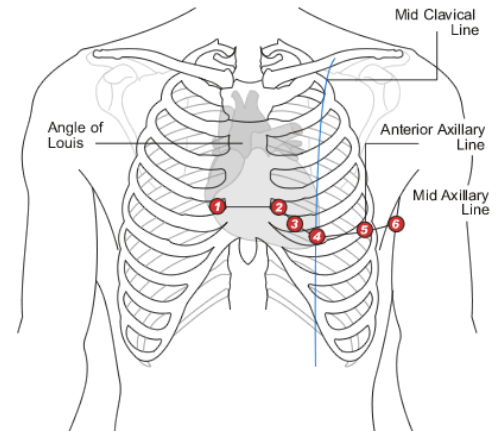
Contraindications:

1. None in the emergency setting.

Procedure:

≥ PL2 Provider:

1. Assess patient.
2. Administer oxygen as patient condition warrants.
3. Expose chest and prep as necessary. Modesty of the patient should be respected as best as possible.
4. Apply chest leads and extremity leads using the following landmarks:
 - a. RA - Right Arm
 - b. LA - Left Arm
 - c. RL - Right Leg
 - d. LL - Left Leg
 - e. V1 - 4th intercostal space at right sternal border
 - f. V2 - 4th intercostal space at left sternal border
 - g. V3 - Directly between V2 and V4
 - h. V4 - 5th intercostal space at midclavicular line
 - i. V5 - Level with V4 at left anterior axillary line
 - j. V6 - Level with V5 at left midaxillary line



≥ PL4 Provider:

5. Prepare ECG monitor and connect patient cable with electrodes.
6. Enter the required patient information in the 12-lead ECG monitor.
7. Instruct patient to remain still.
8. Press the appropriate button to acquire the 12-lead ECG.
9. For patients with cardiac complaint, keep all leads connected at all times practical to allow automatic ST-segment monitoring to proceed; and for repeat 12-lead ECGs are indicated by patient's condition.
10. Monitor the patient while continuing the treatment guideline.
11. Document the procedure, time, and results on/with the ePCR