

AHA Diagnostic ECG Electrode Placement

The quality of an ECG is dependent on the preparation and the resistance between the skin and the electrode. To ensure a good quality ECG and minimize the skin/electrode resistance, remember the following points:

- 1.) Ensure that the patient is warm and relaxed
- 2.) Shave electrode area before cleaning
- 3.) Thoroughly clean the area with alcohol
- 4.) Let dry prior to applying electrode

Exercise ECG

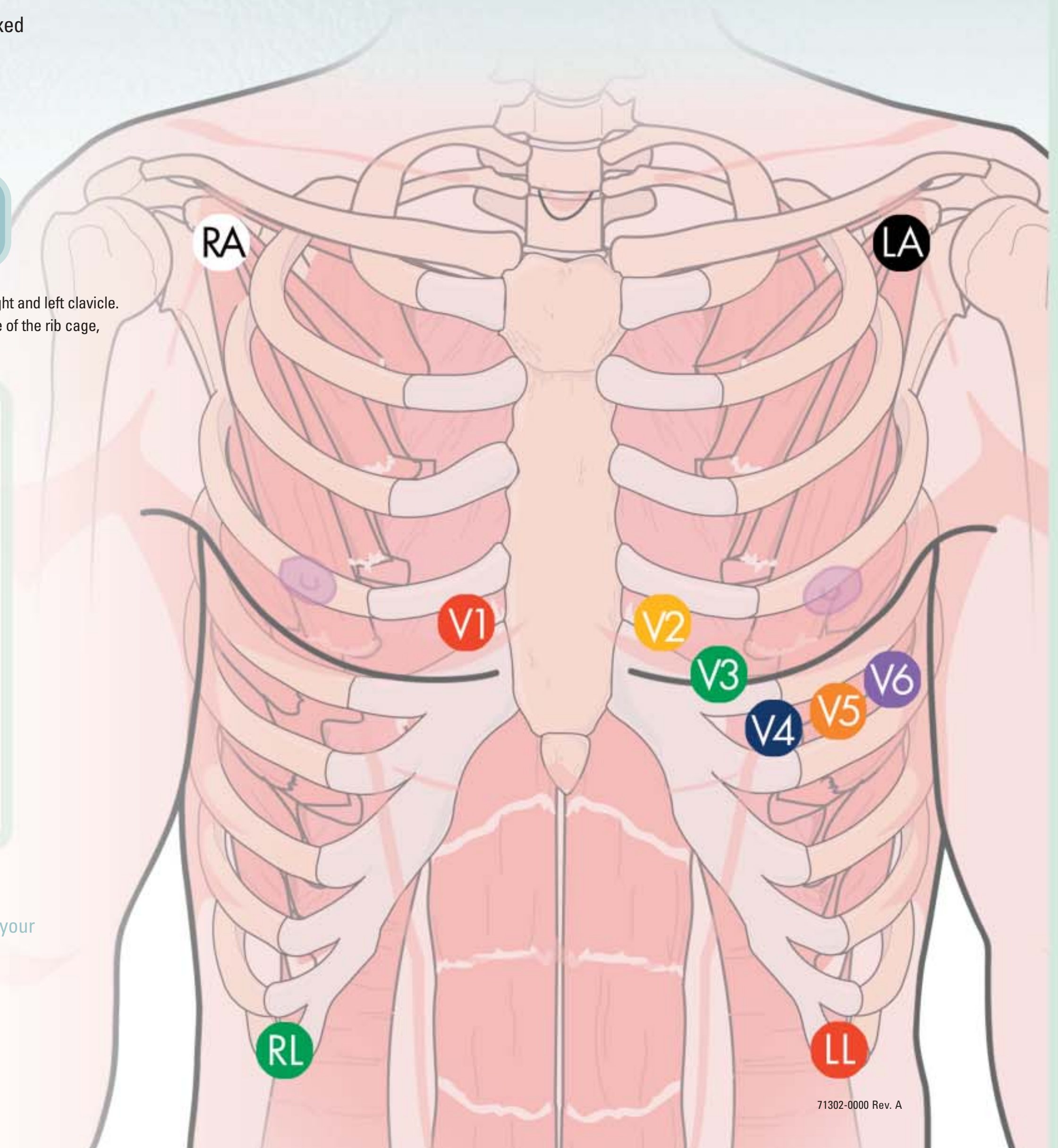
RA and LA electrodes should be placed just below the right and left clavicle. RL and LL electrodes should be placed on the lower edge of the rib cage, or at the level of the umbilicus at the mid-clavicular line.

Lead	Electrode Placement
V1	Fourth intercostal space at the right border of the sternum
V2	Fourth intercostal space at the left border of the sternum
V3	Midway between locations V2 and V4
V4	At the mid-clavicular line in the fifth intercostal space
V5	At the anterior axillary line on the same horizontal level as V4
V6	At the mid-axillary line on the same horizontal level as V4 and V5

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IEC Diagnostic ECG Electrode Placement

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- 1.) Ensure that the patient is warm and relaxed
- 2.) Shave electrode area before cleaning
- 3.) Thoroughly clean the area with alcohol
- 4.) Let dry prior to applying electrode

Exercise ECG

R and L electrodes should be placed just below the right and left clavicle. N and F electrodes should be placed on the lower edge of the rib cage, or at the level of the umbilicus at the mid-clavicular line.

Lead	Electrode Placement
C1	Fourth intercostal space at the right border of the sternum
C2	Fourth intercostal space at the left border of the sternum
C3	Midway between locations C2 and C4
C4	At the mid-clavicular line in the fifth intercostal space
C5	At the anterior axillary line on the same horizontal level as C4
C6	At the mid-axillary line on the same horizontal level as C4 and C5

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