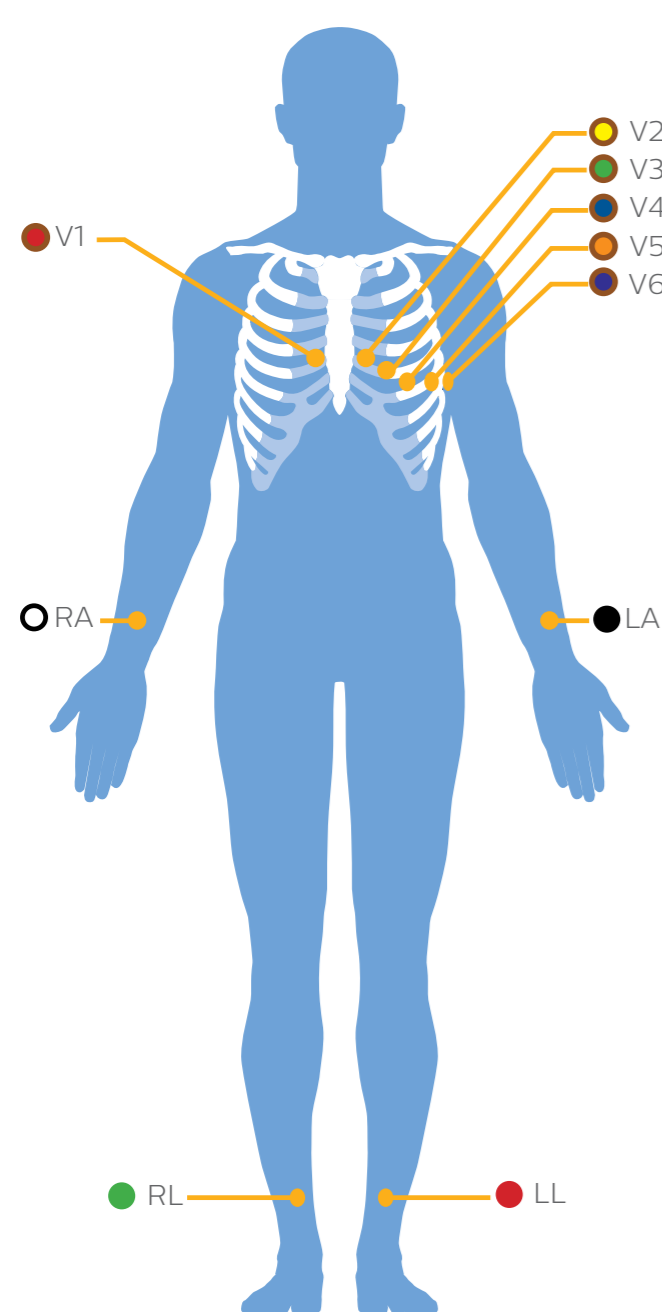


ECG Lead Placements*

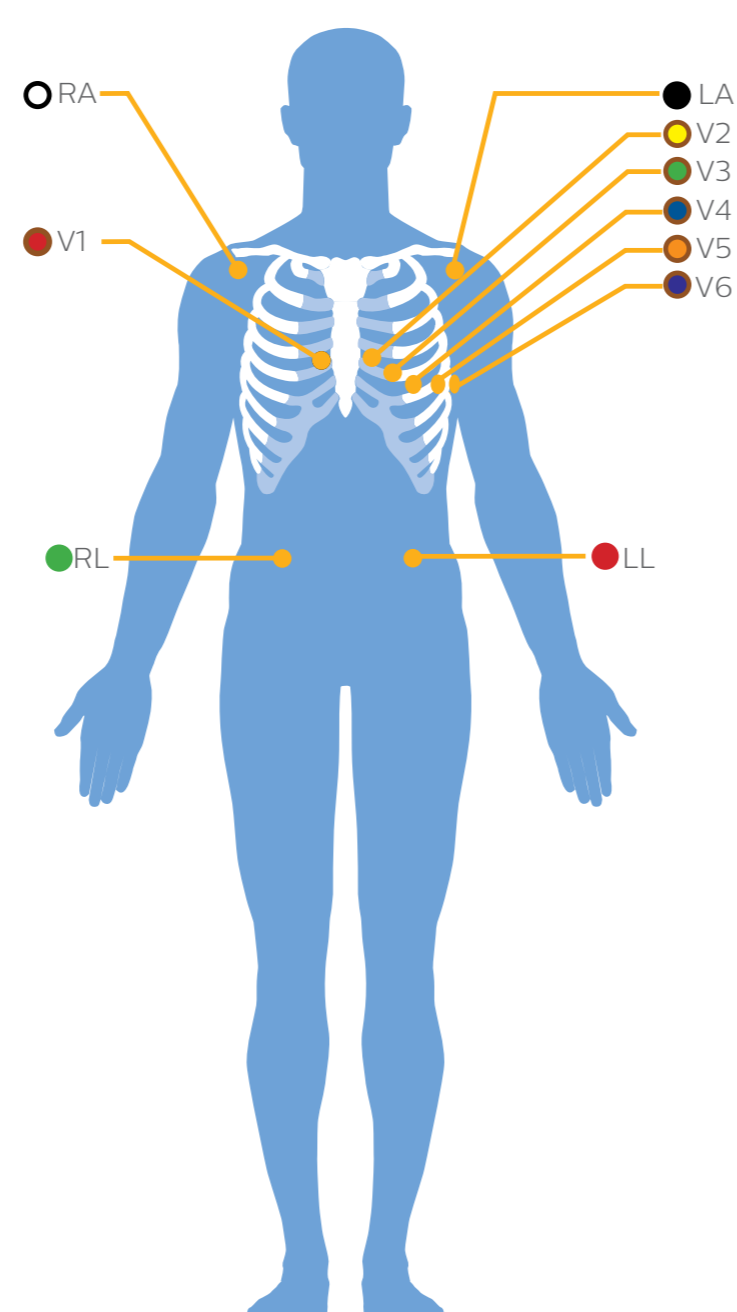
Conventional Lead Placement



Conventional Lead Placement

- Limb Electrode Lead Placement**
- RA Inside of right arm, halfway between elbow and wrist
 - LA Inside of left arm, halfway between elbow and wrist
 - RL Inside of right calf, halfway between knee and ankle
 - LL Inside of left calf, halfway between knee and ankle
- Chest Electrode Placement**
- V1 Fourth intercostal space at right border of sternum
 - V2 Fourth intercostal space at left border of sternum
 - V3 Midway between V2 and V4
 - V4 Fifth intercostal space at left midclavicular line
 - V5 Same level as V4—anterior axillary line
 - V6 Same level as V4 and V5—left midaxillary line

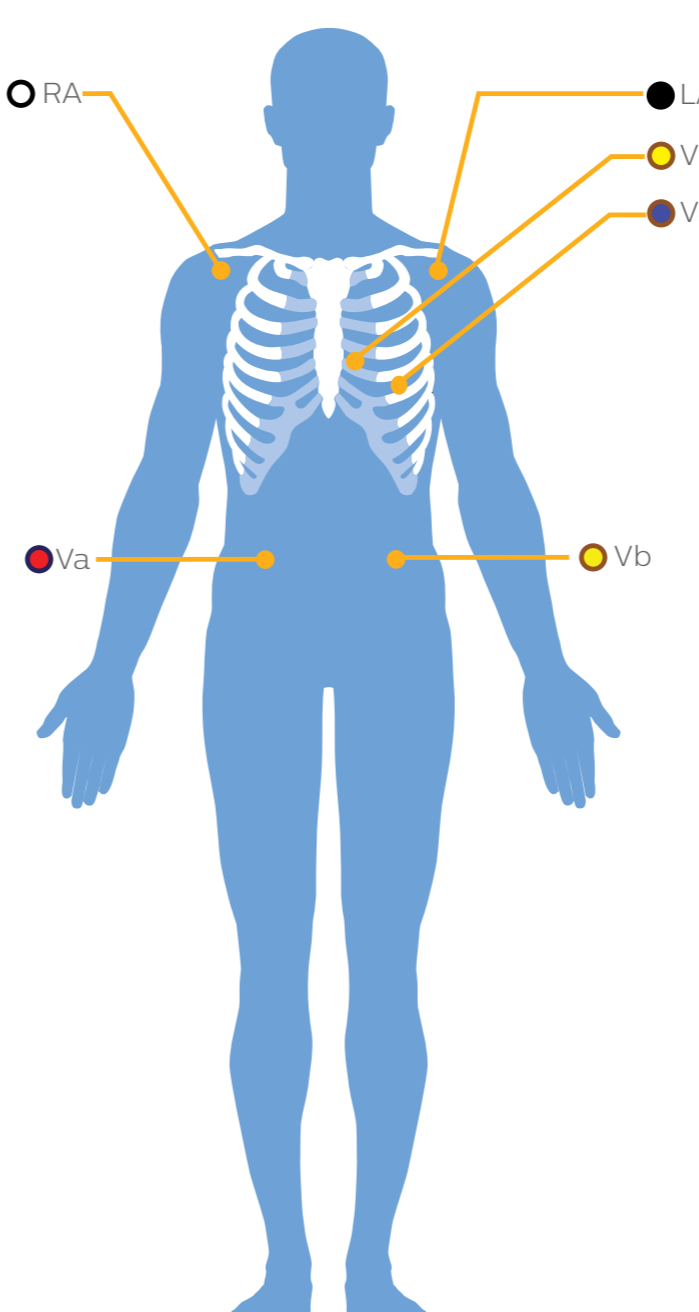
Mason-Likar Lead Placement



Mason-Likar Lead Placement

- Limb Electrode Lead Placement**
- RA Directly below the clavicle, near the right shoulder
 - LA Directly below the clavicle, near the left shoulder
 - RL Just below umbilicus, right midclavicular line
 - LL Just below umbilicus, left midclavicular line
- Chest Electrode Placement**
- V1 Fourth intercostal space at right border of sternum
 - V2 Fourth intercostal space at left border of sternum
 - V3 Midway between V2 and V4
 - V4 Fifth intercostal space at left midclavicular line
 - V5 Same level as V4—anterior axillary line
 - V6 Same level as V4 and V5—left midaxillary line

Hexad Lead Placement**

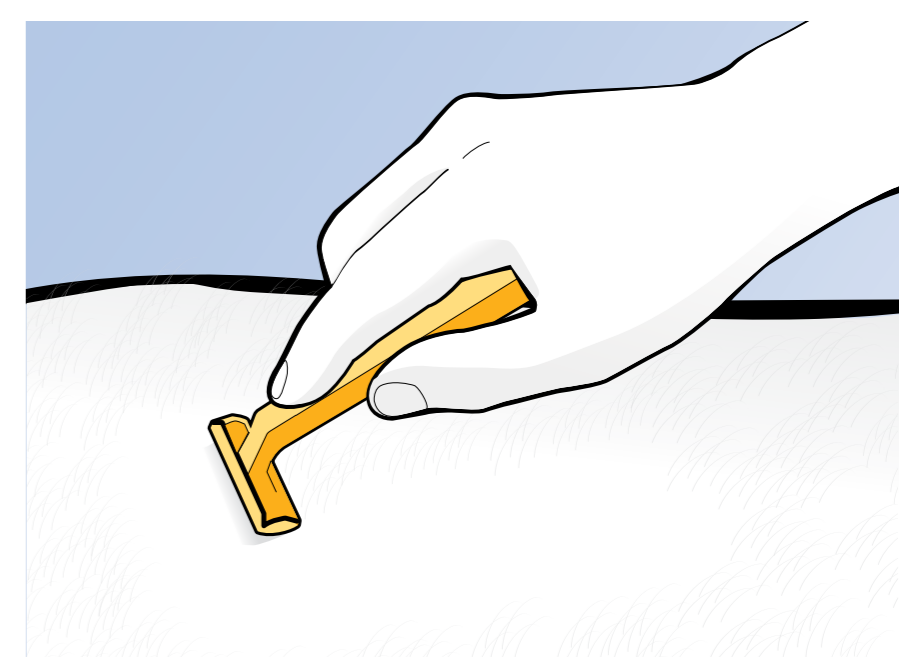


Hexad Lead Placement

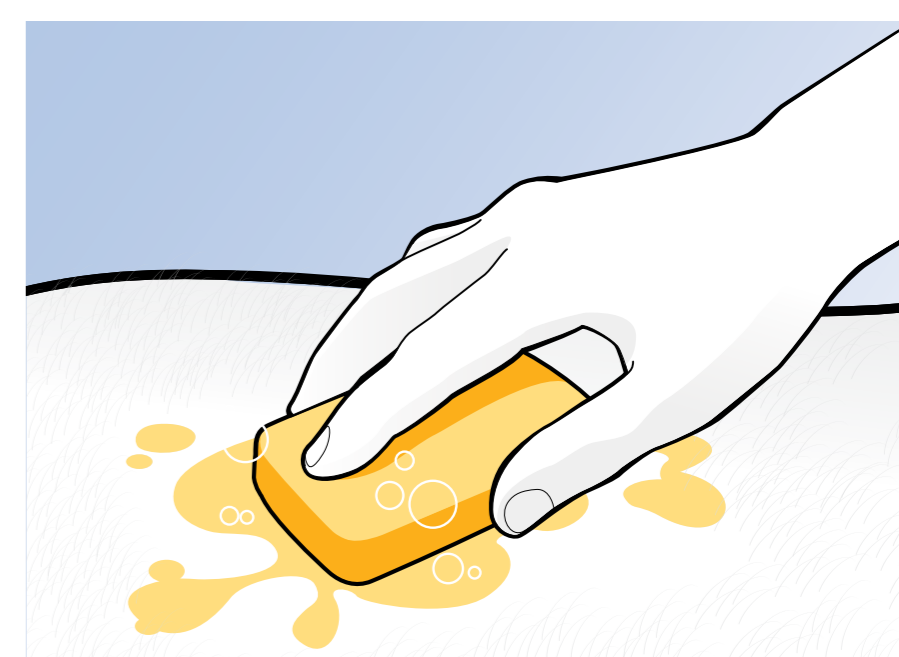
- Limb Electrode Lead Placement**
- RA Directly below the clavicle, near the right shoulder
 - LA Directly below the clavicle, near the left shoulder
 - Va Just below umbilicus, right midclavicular line
 - Vb Just below umbilicus, left midclavicular line
- Chest Electrode Placement**
- V2 Fourth intercostal space at left border of sternum
 - V4 Fifth intercostal space at left midclavicular line

** Note: Hexad lead placement is available with a 6-lead set for adult patients. Electrodes are placed in Mason-Likar position with 2 chest leads placed in standard position (Va and Vb). The Hexad algorithm will derive the four additional leads. The available combinations of chest positions that can be used are: (V1,V3), (V1, V4), (V1,V5), (V2,V4), (V2,V5), (V3,V5), (V3,V6)

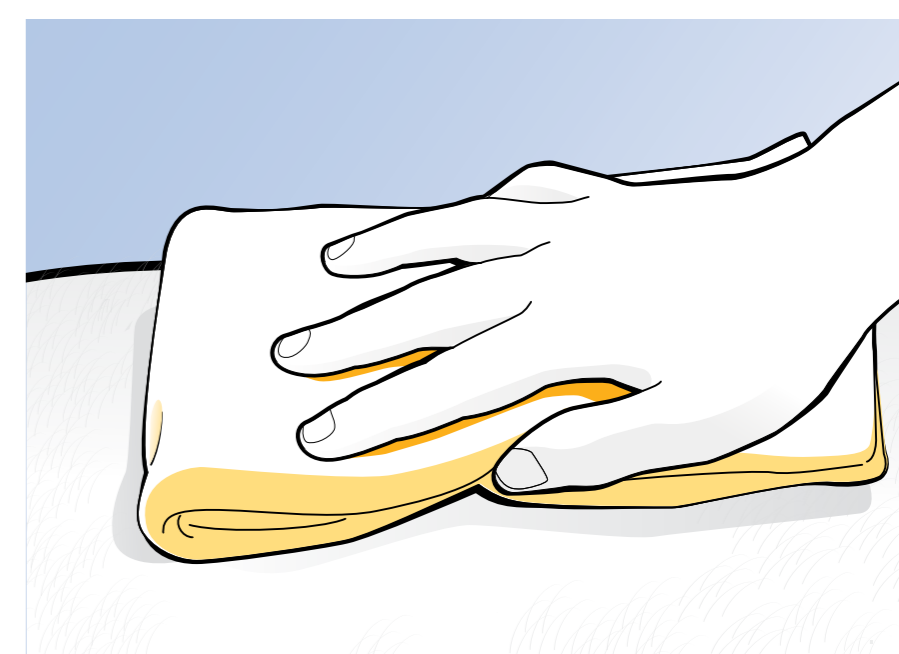
Preparation



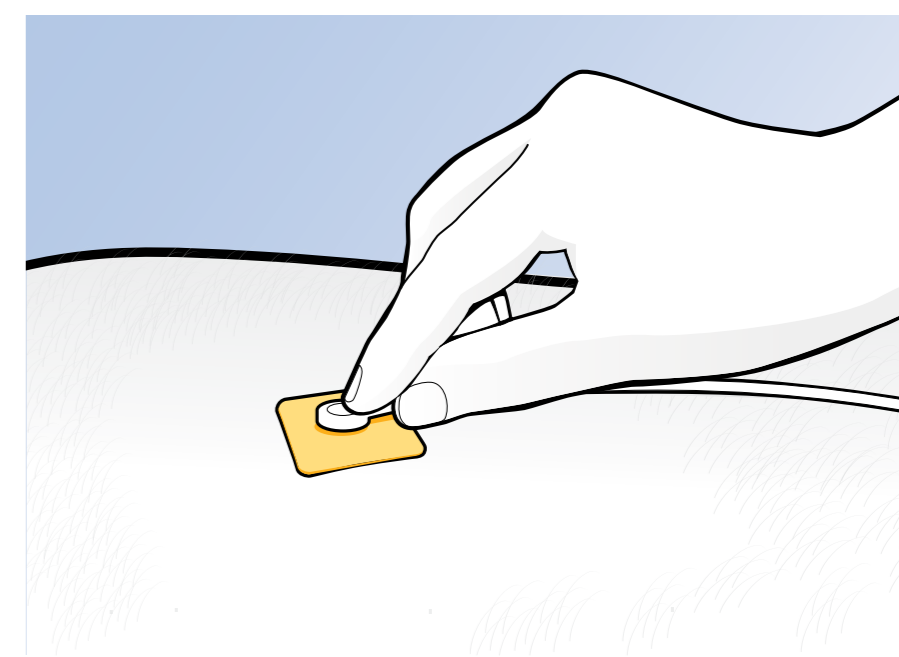
Shave areas with dense hair (if necessary and your hospital procedures allow). Cut hair close to the skin to minimize risk of skin injuries from the razor.



Wash the isolated area with soap and water.



Wipe the electrode area with a rough washcloth or gauze, and/or use a fine grain sandpaper to roughen a small area of the skin. Do not use alcohol for skin preparation; it can dry out the skin.



Apply a full set of fresh disposable electrodes to prepared sites. Change daily or as often as needed.

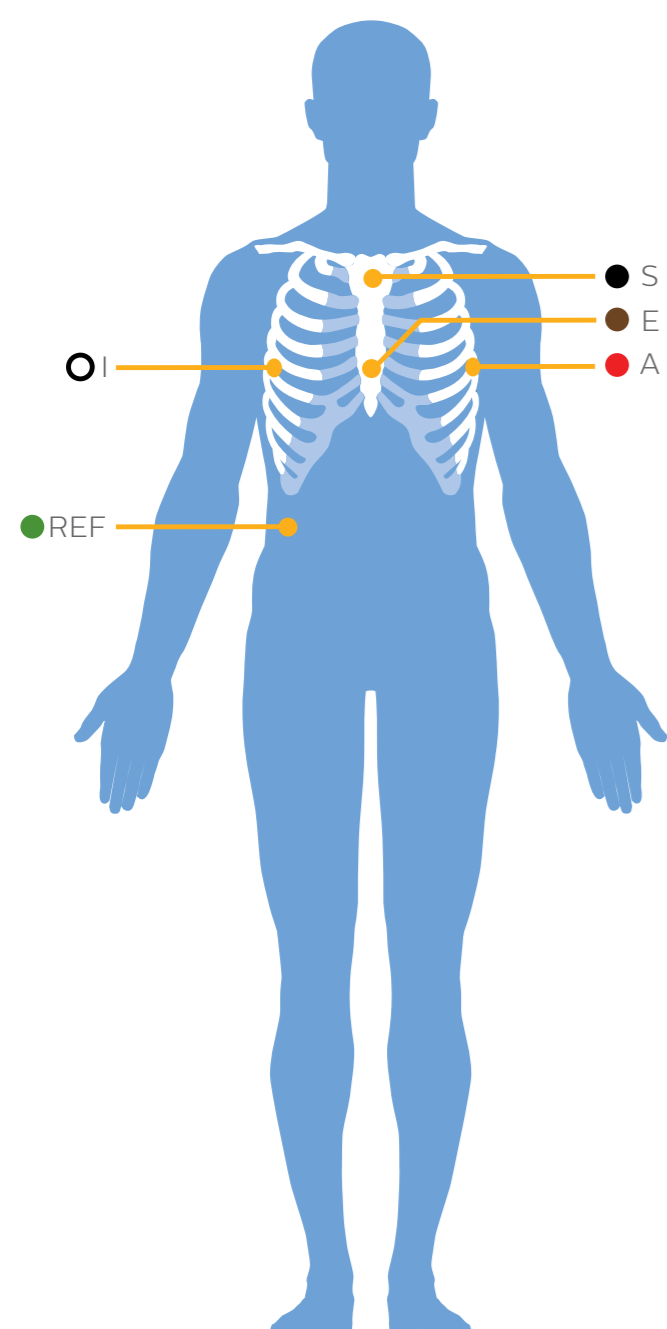
*To confirm placement, please reference Philips IntelliVue Patient Monitor IFU and the American Heart Association Practice Standards for Electrocardiographic Monitoring in Hospital Settings.

4522 991 55031 * JAN 2020

© 2020 Koninklijke Philips N.V. All rights reserved.

www.philips.com

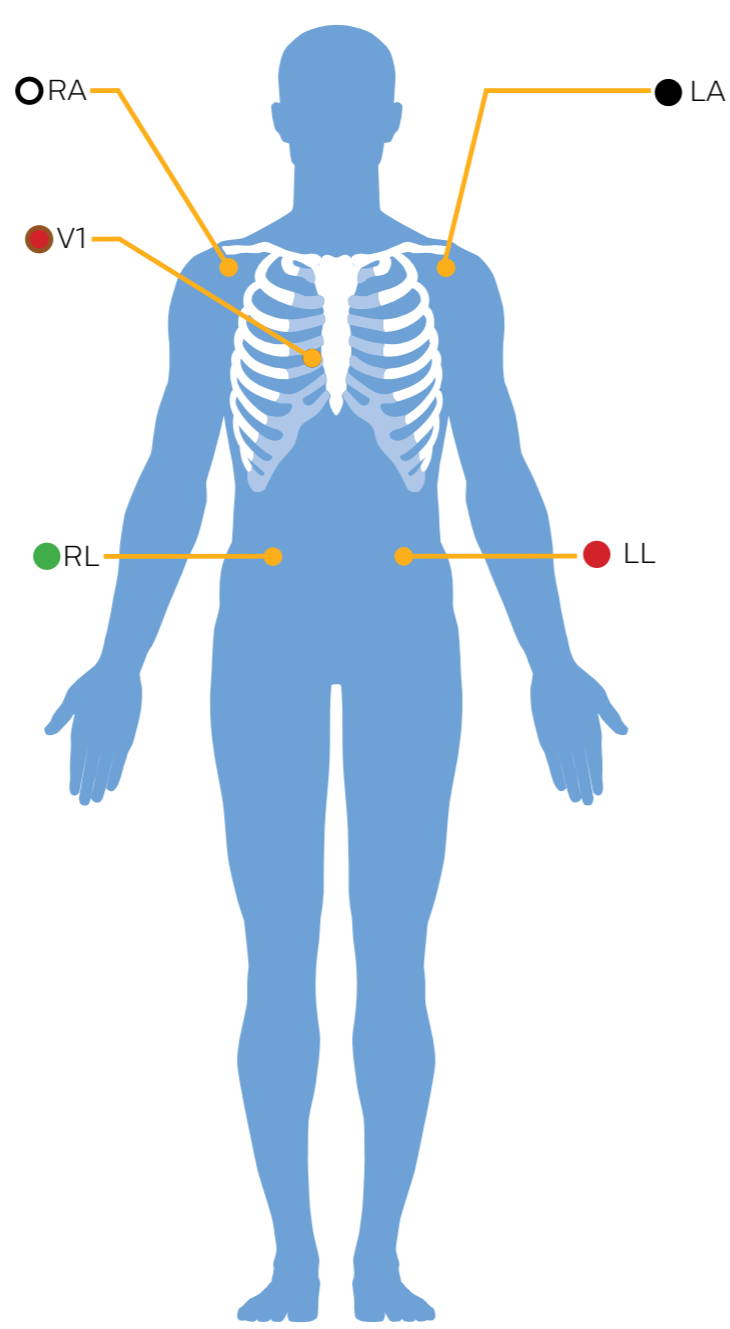
EASI Lead Placement



EASI Lead Placement

- Chest Electrode Placement**
- E On the lower sternum at the level of the 5th intercostal space
 - A On the left midaxillary line at the same level as the E electrode
 - S On the upper sternum
 - I On the right midaxillary line at the same level as the E electrode
 - REF Reference electrode—can be anywhere, usually below the 6th rib on the right hip

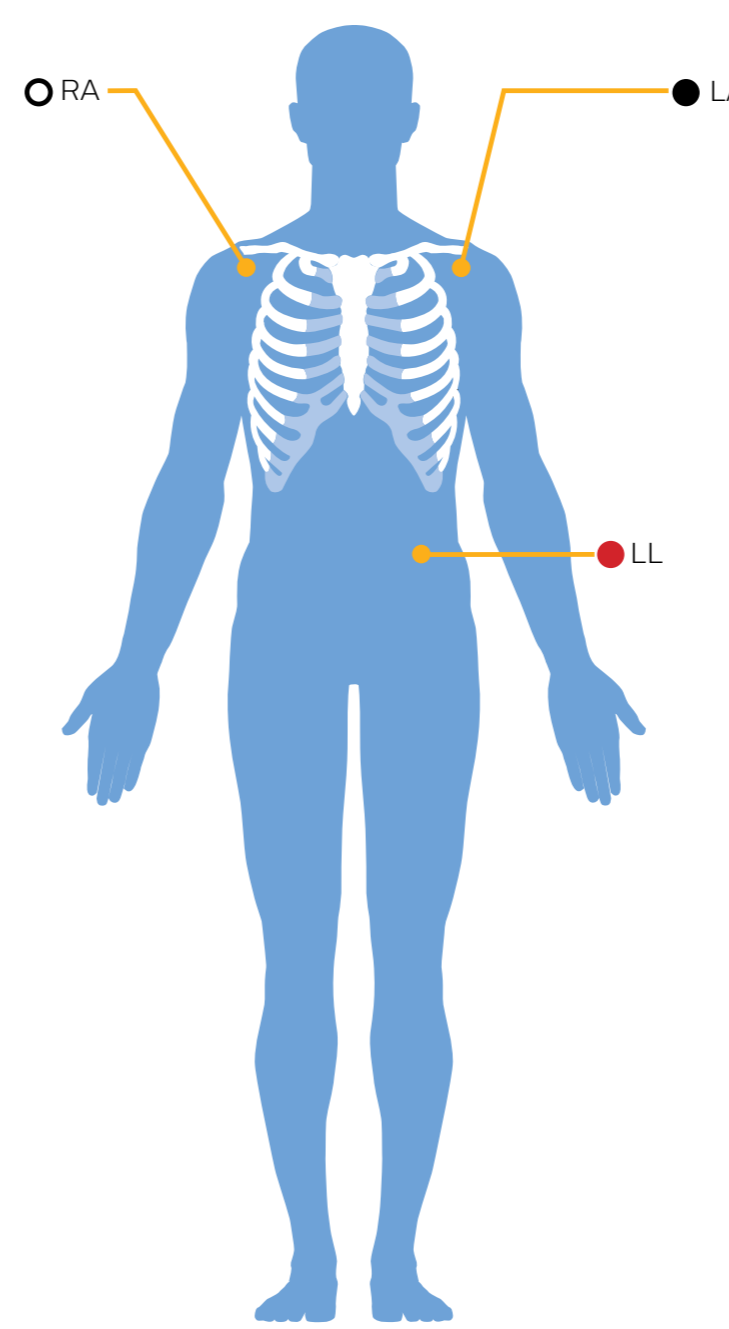
5 Lead Placement



5 Lead Placement

- Limb Electrode Lead Placement**
- RA Directly below the clavicle, near the right shoulder
 - LA Directly below the clavicle, near the left shoulder
 - RL Just below umbilicus, right midclavicular line
 - LL Just below umbilicus, left midclavicular line
- Chest Electrode Placement**
- V1 Fourth intercostal space at right border of sternum

3 Lead Placement



3 Lead Placement

- Limb Electrode Lead Placement**
- RA Directly below the clavicle, near the right shoulder
 - LA Directly below the clavicle, near the left shoulder
 - LL Just below umbilicus, left midclavicular line