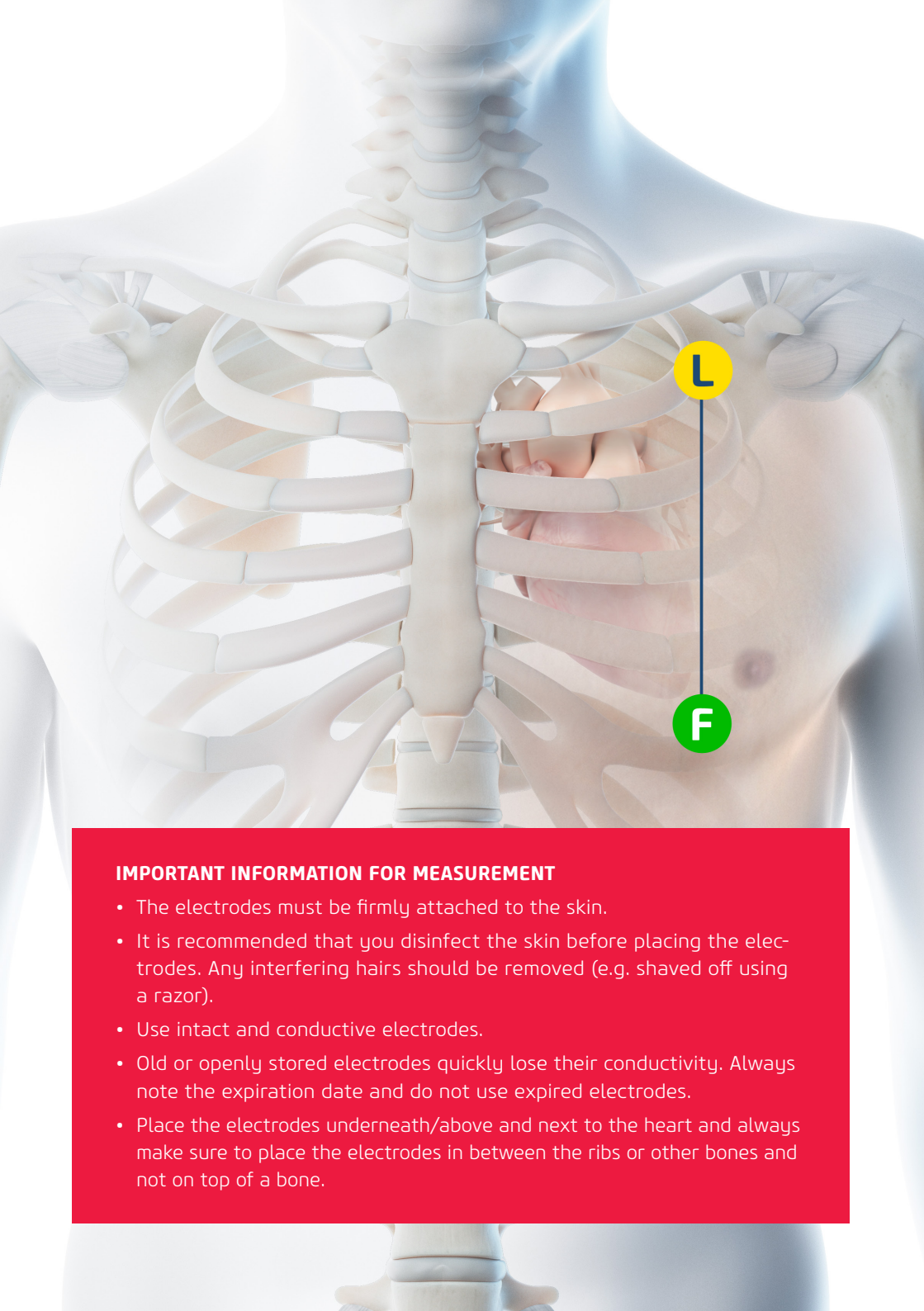




CARDISIO

Your heart counts

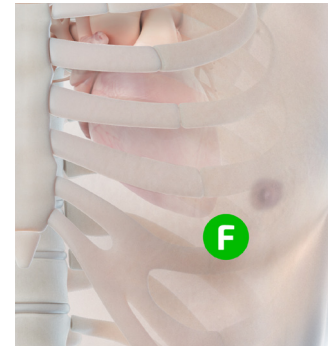
CARDISIOGRAPHY
INSTRUCTIONS FOR USE



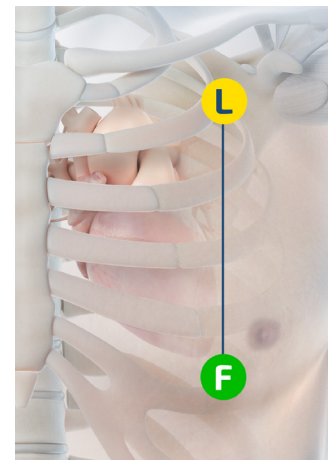
IMPORTANT INFORMATION FOR MEASUREMENT

- The electrodes must be firmly attached to the skin.
- It is recommended that you disinfect the skin before placing the electrodes. Any interfering hairs should be removed (e.g. shaved off using a razor).
- Use intact and conductive electrodes.
- Old or openly stored electrodes quickly lose their conductivity. Always note the expiration date and do not use expired electrodes.
- Place the electrodes underneath/above and next to the heart and always make sure to place the electrodes in between the ribs or other bones and not on top of a bone.

POSITIONING OF THE ELECTRODES



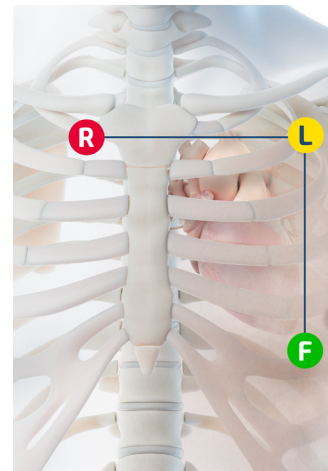
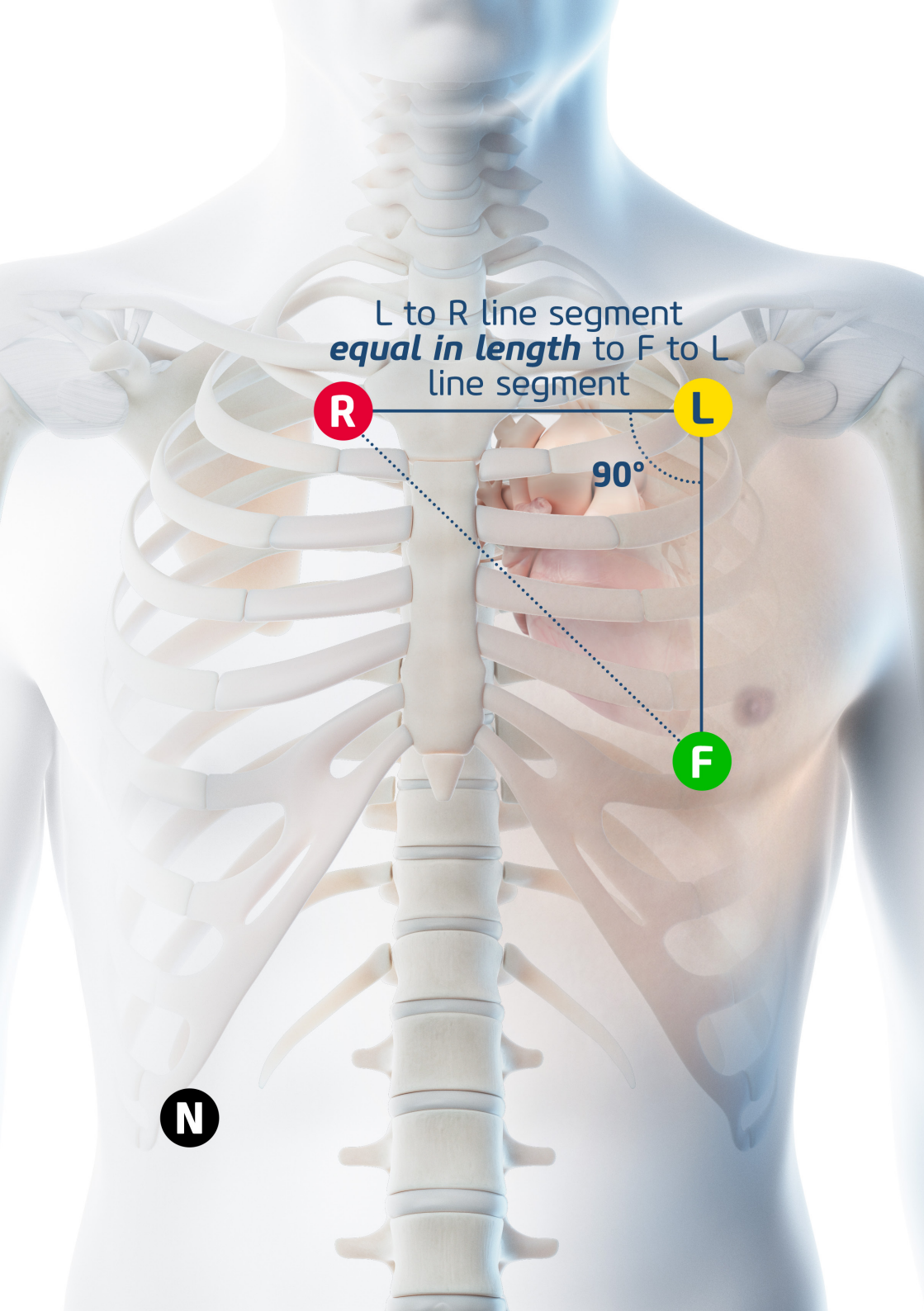
Green (F): The green electrode (F) is the base electrode for all other electrodes and should therefore be applied carefully to the fifth rib space (5th intercostal space). The green electrode (F) should be in line with the middle of the clavicle (midclavicular line) and positioned vertically underneath the nipple. The same positioning as the C4 electrode for a 12-lead ECG is used here.



Yellow (L): Place the yellow electrode (L) vertically above the green electrode and approx. 1 cm below the clavicle. Both electrodes should be in line with the middle of the clavicle (midclavicular line).

IMPORTANT:

Electrodes should never be placed on top of a bone. You should always place electrodes in the spaces in between bones. If the person to be examined has large pectoral muscles or is female, place the green electrode (F) directly underneath the breast. There should always be as little mass between electrodes and the heart as possible.



Red (R): The red electrode is placed on the other side of the chest at the same height as the yellow electrode (L). The red and green electrodes (R+F) must each be at the same distance from the yellow electrode (L). Use the previously measured distance between (F) and (L) as a guide. Now the electrodes (F), (L) and (R) should form an isosceles, right-angled triangle.

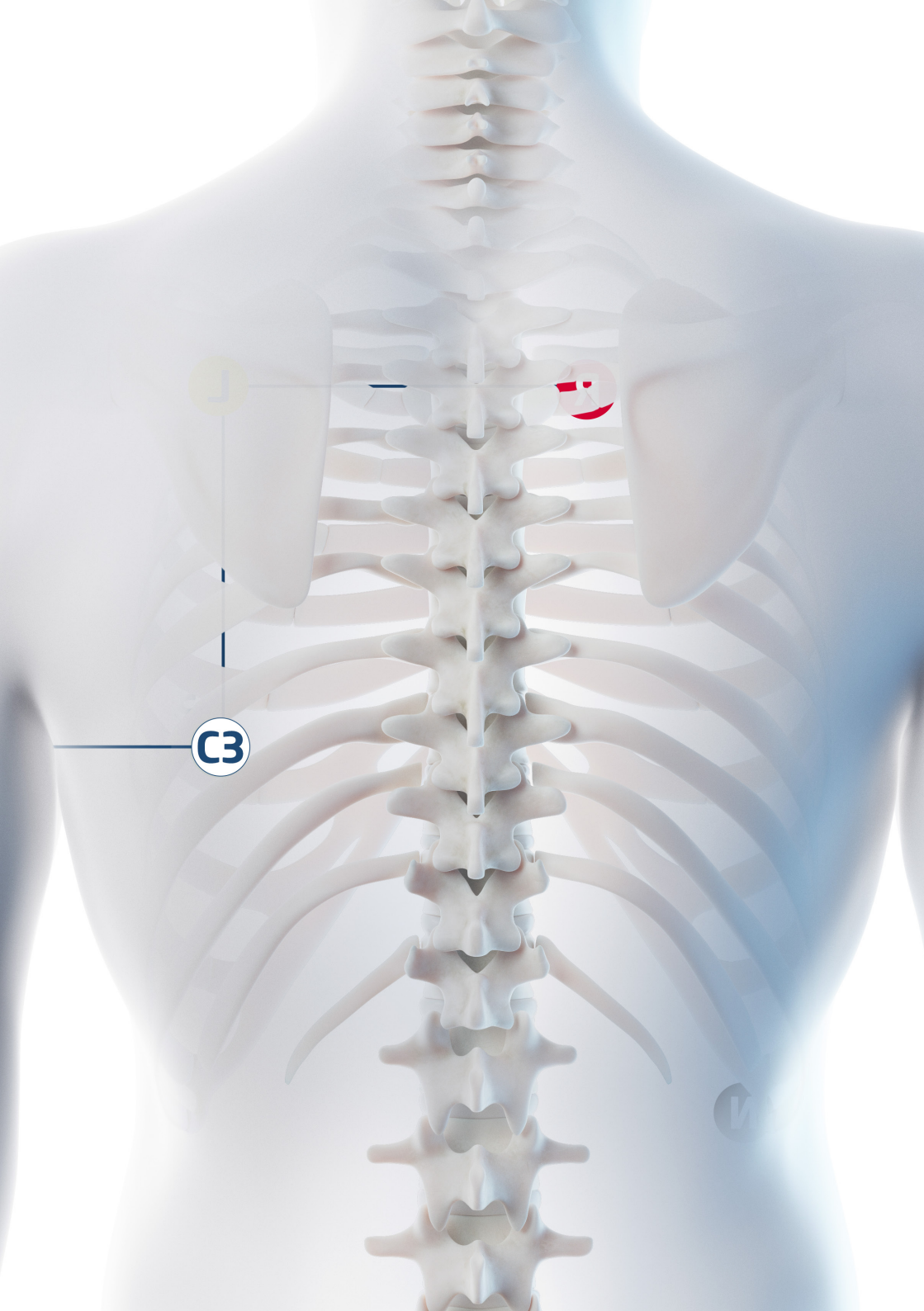


Black (N): This electrode (reference electrode) should be applied at the lower right edge of the ribs. No exact position is required.

IMPORTANT:

The heart must fall completely within the triangle formed. If in doubt, position the electrodes to form a slightly larger triangle.

Please also ensure that the electrode is not placed on a bone.



White (C3): The fifth electrode (C3) is attached to the back. It enables measurement in 3D and should be placed at the centre point of the clavicle and below the shoulder blade, preferably in a mirrored position to the green base electrode (F).

One or more electrodes are placed on a bone.

The distance between electrode L and R is not the same length as the distance between electrode F and R.

Part of the heart does not lie within the triangle formed by electrodes F, L and R.

The angle between the two distances of F to L and L to R does not form a right-angled triangle (90°).

[illegible]

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