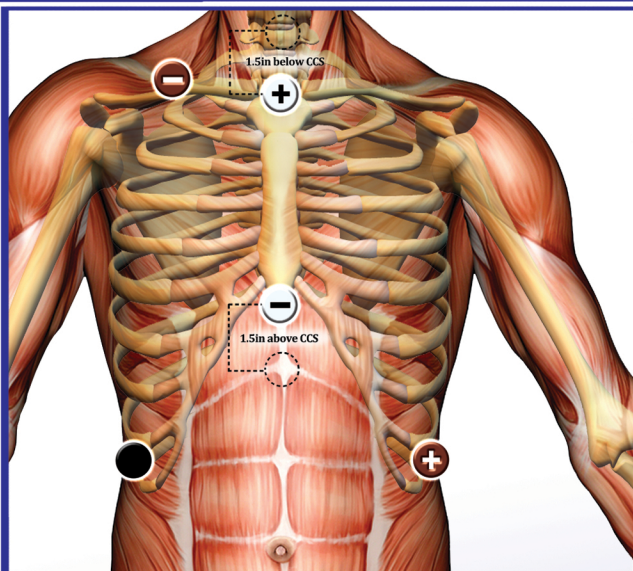
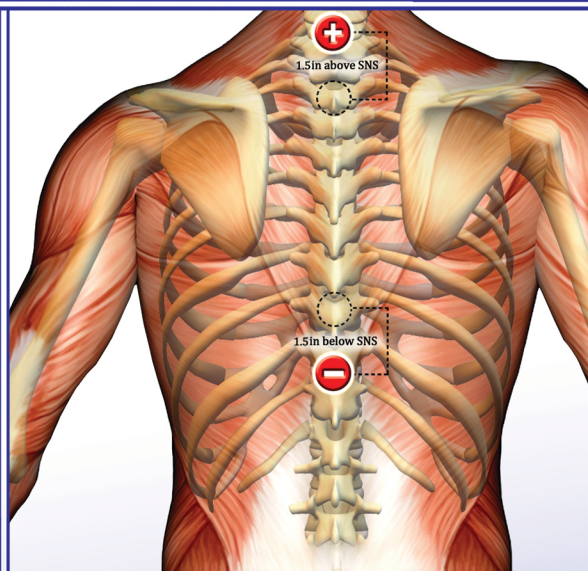


# Electrode Placement

## ECG, Impedance Cardiography, GSR

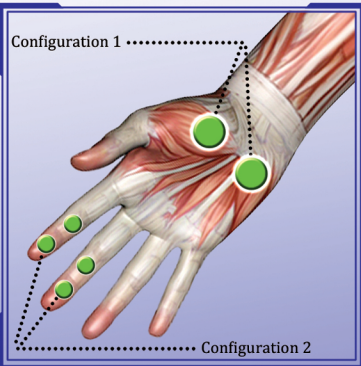


Front



Back

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- ECG ———— (+) (-)
- Ground ———— (●)
- CCS ———— (+) (-)
- SNS ———— (+) (-)
- GSC ———— (●) (●)



Secure lead wire using medical tape to prevent noise caused by movement. Significant slack should be left between electrode and tape

## Recommended Practices

Before placing electrodes, clean areas (except GSR) with rubbing alcohol. Use water in place of alcohol for GSR site cleaning. For comfort, attach snap leads to electrode before placing on the subject.

- (+) Place on the bottom left rib near the side
- (-) Place on the right collar bone (clavicle)
- (●) Place on the bottom right rib on the subjects side (Is not required when used with Impedance Cardiography)
- (+) Place on the spine, 1.5 inches (3.81cm) above the SNS electrode
- (-) Place on the spine, 1.5 inches (3.81cm) below the SNS electrode
- (+) Similar to the Qu configuration, place on the jugular notch just above where the collar bones meet. If the subject is speaking during a study, offset the electrode to the left or right to prevent artifact
- (-) Similar to the Qu configuration, place just below the sternum (on xiphoid process). Make sure any straps or bands do not interfere with the electrodes
- (●) Place high on the subject's palms (thenar and hypothenar eminence) or on middle and pointer digits (distal & medial phalanges). Polarity is not a factor. Do not prep area with alcohol

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