

Usage of Electrodes

1. Electrode types

The LIVE ECG system makes use of the following electrodes:

- Live Patch electrodes
- AMBU decentralized electrodes, type Blue Sensor L, L-00 S/25

2. Preparing Body (important)

- Shave the chest of the patient (if necessary)
- Clean body with soap and water or cleaning supplies for ECG
- Especially skins with body lotion should be cleaned properly

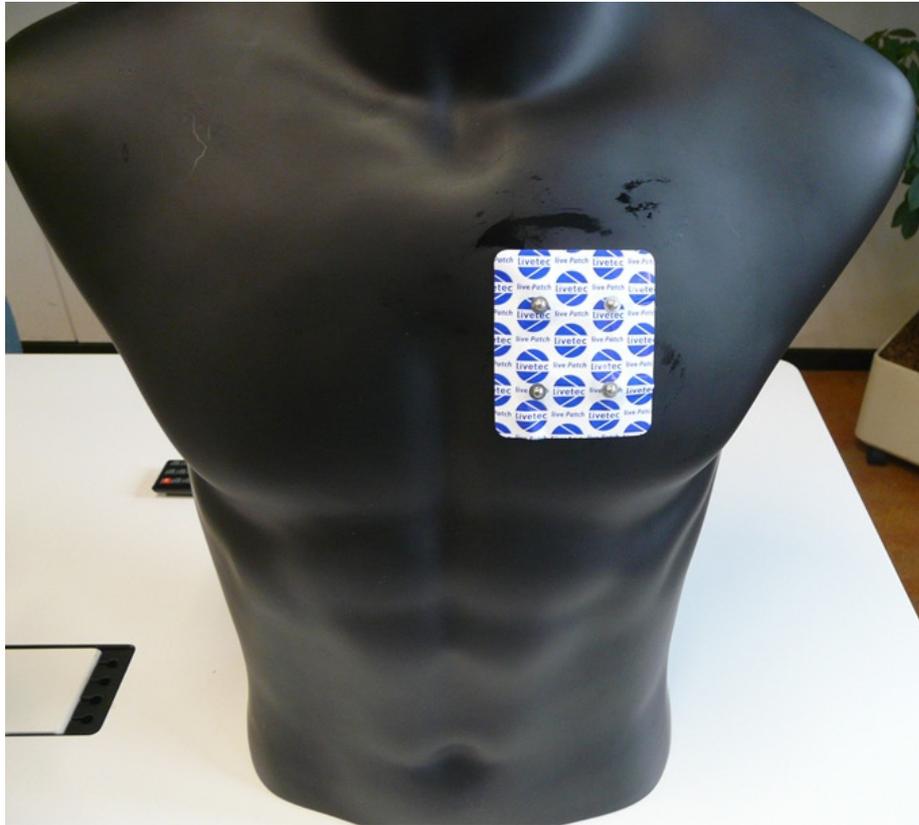
3. Attach and Optimize electrodes (important)

- Attach electrodes on the skin according **chapter 4,5,6**
- Attach Live ECG to the electrodes
- Check correct fixation of Live ECG to electrode
- Check Signal Quality by using IntelliViewer (Tablet)
- Good Signal Quality: All 3 signals should have **no noise, less artifacts, amplitude of signal II should be > 500uA**
- If signals are poor
- **First** check contact of Recorder to electrode
- **Second:** Change/ Optimize position of electrode (clean skin before fixing electrode on new position)
- **Third:** Use AMBU decentralized electrodes

4. Positioning of Electrodes

4.1 Live Patch electrodes

➤ Position

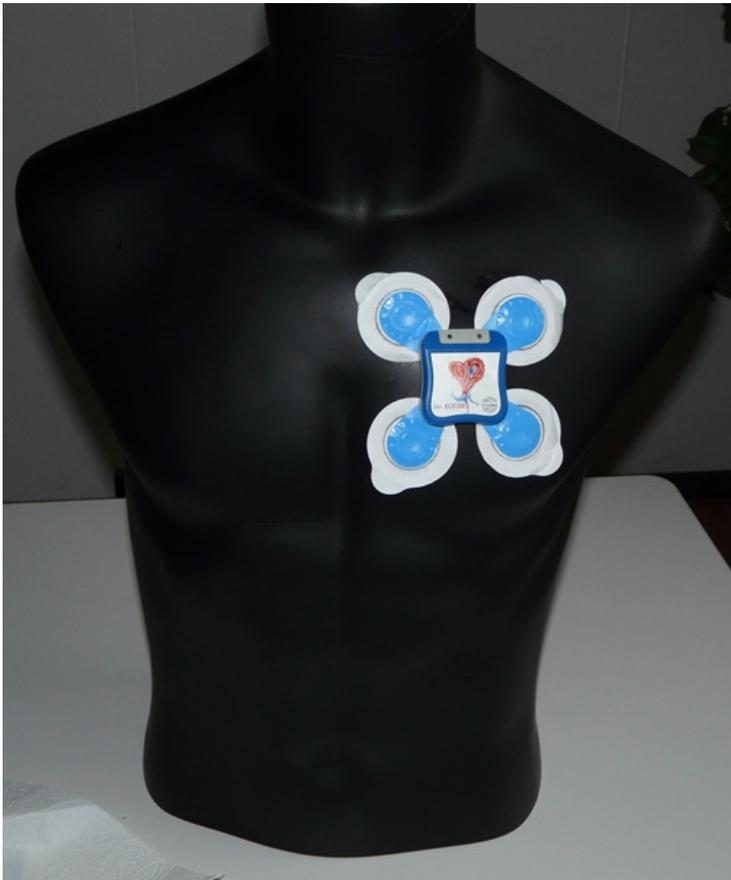


➤ Recommendations

- Position the electrode in the medium of the left chest, directly above/ close to the heart and near to the medium of the body
- Control/ Check the signal quality by use of tablet

4.2 AMBU decentralized Electrodes

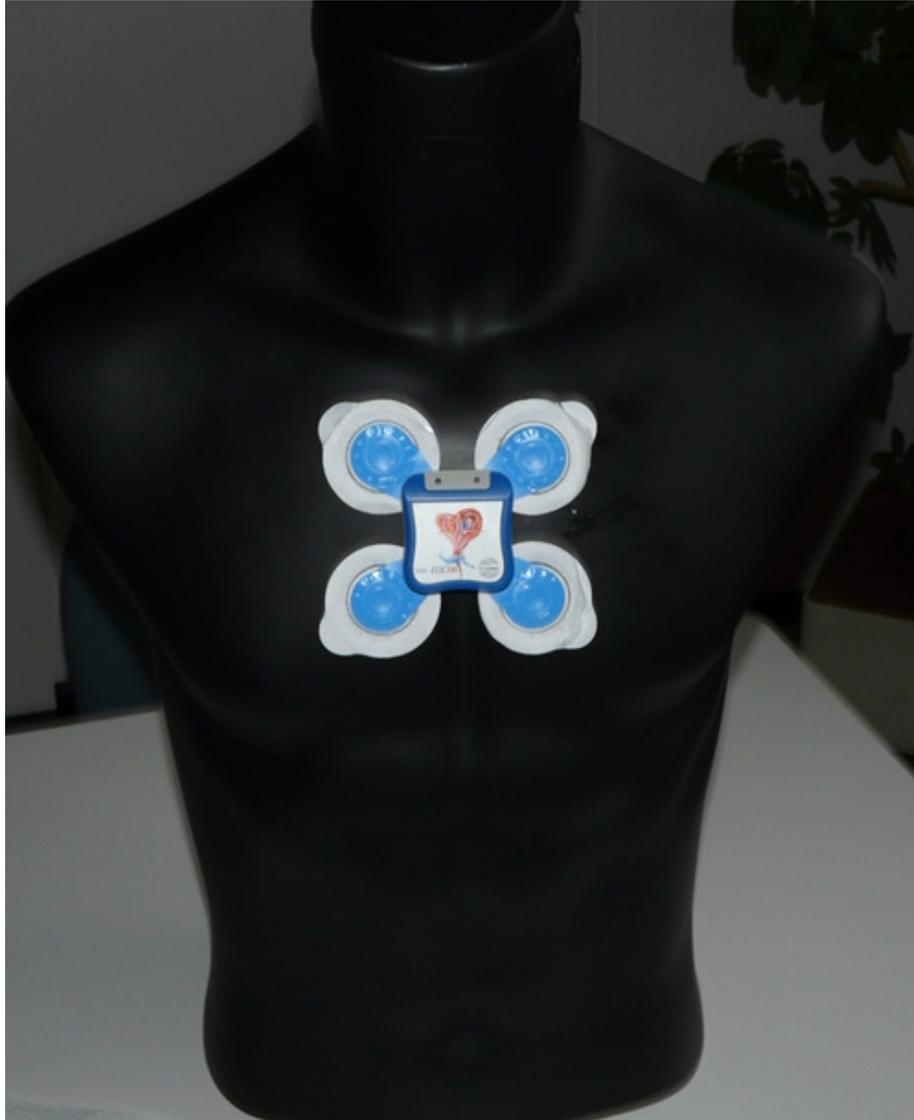
➤ AMBU: Position 1: Left chest



➤ Recommendations for position AMBU on the left chest

- Position the electrode in the medium of the left chest, directly above / close to the and near to the medium of the heart
- Control/ Check the signal quality by use of tablet

➤ **AMBU: Position 2: Centered**



➤ **Recommendations for position in the medium of the chest**

- Take care, that the distances between the right and left electrodes (skin contacts) are as large as possible
- Take care, that the position is not too high (see picture, lower left electrode should be as close as possible to the heart).

5. Attaching Electrodes

5.1 Live Patch

- Attach Electrode to the skin
- Attach LIVE ECG to the electrode

5.2 AMBU

- Attach 4 single AMBU electrodes to the LIVE ECG device



- Detach protection film from electrodes and attach electrode with LIVE ECG to the skin



6. Contact information

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