

# SONOPLUS™ 3000 / 3000-DS

## Positioning of the SONOPLUS by recording of an ECG tracing

### a) Direct ECG recording (positioning of the SONOPLUS onto the patient's left hemithorax)



Patient is not relaxed

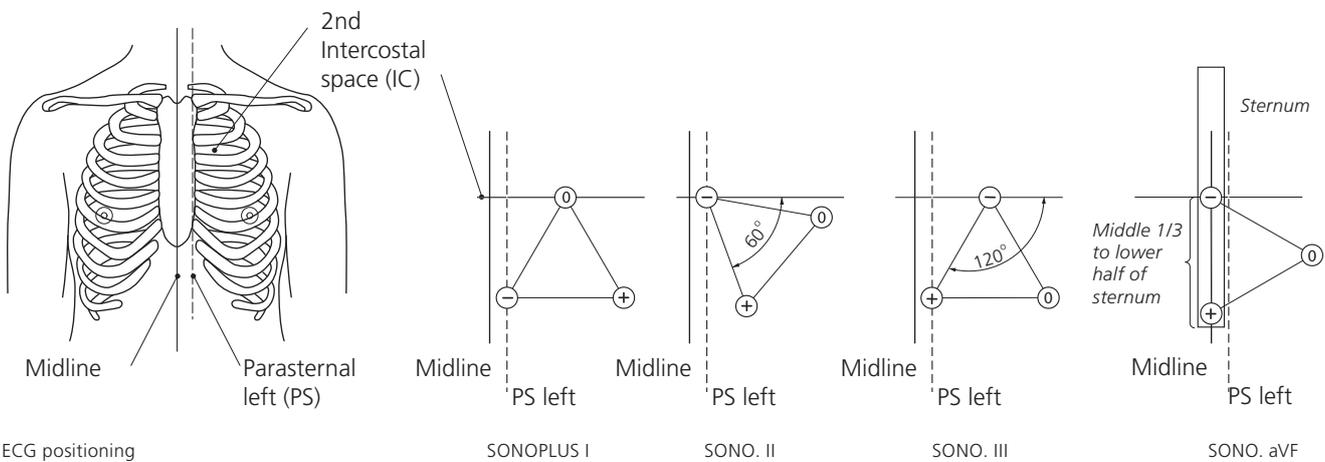


Sitting position



Supine position

- For optimal recording quality, place the patient in a comfortable sitting or supine position (see Figures).
- Swipe the patient's skin with a moist alcohol swab, prior to positioning the SONOPLUS. If needed, apply also a small amount of ECG gel to the three electrodes.
- Position the SONOPLUS firmly on the patient's chest, keeping the pressure as constant as possible.
- Positioning of the SONOPLUS: The Figures below exhibit suggested SONOPLUS positioning to approximate the recording of extremity leads I, II, III and aVF. Optimal positioning may vary on an individual basis.



ECG positioning

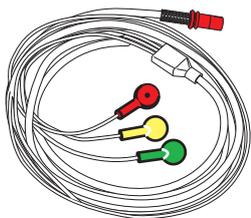
SONOPLUS I

SONO. II

SONO. III

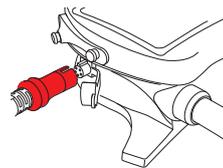
SONO. aVF

### b) Using 3-lead ECG cable with adhesive electrodes

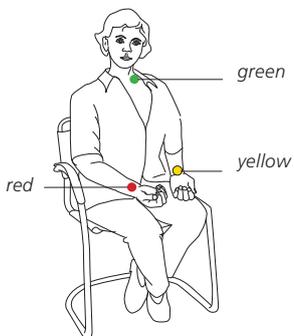


SONOPLUS 3-lead ECG cable

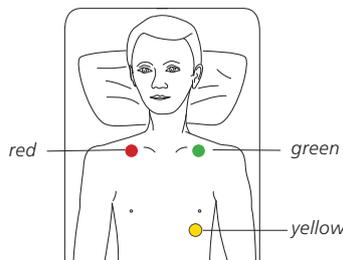
**Red:** negative  
**Yellow:** positive  
**Green:** grounding



Connection of the ECG-cable to the SONOPLUS



Placing adhesive electrodes (lead I)



Placing adhesive electrodes (lead II)

### c) Safety



Prior to using the ECG cable, ensure that the patient is electrically fully insulated.



#### WARNING:

The SONOPLUS device must not be used together with a defibrillator, in intensive care or operating room facilities, in proximity of wounds and when it is connected to a computer, irrespective of whether the ECG recording is performed through placement of the device directly onto the patient's skin or through the use of ECG cables.