QUICK GUIDE

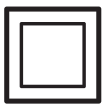
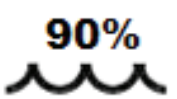
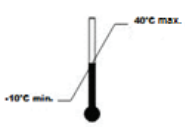
NEXCOR Cardiac Monitor

Model NX3L



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LIST OF SYMBOL

Manual / Equipment Symbology			
	ATTENTION: IDENTIFIES CONDITIONS OR ACTIONS WHICH NEED HIGHER ATTENTION ON THE PART OF THE USER.		
	WARNING: IDENTIFIES CONDITIONS OR PRACTICES WHICH MIGHT PUT EQUIPMENT AT RISK.		
	NOT PROTECTED AGAINST DEFIBRILLATOR		CLASS II EQUIPMENT
	ELECTROMAGNETIC RADIATION		LOW BATTERY
	MONITOR ON OR OFF		ELECTRODE NOT CONNECTED
	MONITORING CENTRAL CALLING BUTTON		HANDY SIGNAL INTENSITY
	MICROPHONE		VOLUME CONTROL
	PROTECT AGAINST RAIN AND HUMIDITY		HUMIDITY LEVEL
	TEMPERATURE LIMITS		NOT EXPOSE TO SUN

PRECAUTIONS



CUIDADO

- Whenever using the monitor verify the proper operation form, following all user manual determinations;
- The monitor cannot operate properly if stored or used under circumstances beyond the ambit declared in the manual, or if it is submitted to shocks or falls;
- Make sure that the battery is correctly inserted into the equipment;
- Check the cable and electrode connectors before use, and if some evident damage is stated, contact the manufacturer;
- Use the monitor preferably with the support belt;
- To send the data and information collected during the monitoring, the monitor needs access to the GSM Handy Network;
- To guarantee a precise performance and avoid device failure, do not let the monitor enter in contact with liquids or be exposed to extreme humidity;

- The device might not be used in contact with water as for example, rain, bath, swimming pool or seawater;
- The monitor cleaning should be performed daily after its use with a clean and dry cloth;
- With the use of safety belts in vehicles, take care to avoid that any pressure is exercised on the monitor or on the electrodes;

WARNING: The monitor cabinet should only be removed by a qualified service staff. Except to the battery, there are no internal parts to be selected by user

RESTRICTIONS



Attention

- Equipment is not compatible for the use together with a defibrillator;
- The device should not be used close to equipment that issues electromagnetic or high frequency signals, for instance, chirurgical equipments;

- Equipments with communication via RF (radio frequency) might affect the monitor performance;
- Do not stretch, twist or kink the cables;
- Follow the specific legislation with regard to the monitor use in aircrafts, as it works via handy network;
- Remove the battery if monitor shall not be used for more than 15 days;
- Do not remove or exchange the GSM chip (SIM Card) delivered with the instrument;
- The monitor is not recommended for the use in sport activities or which require intense physical efforts;
- The use of the monitor in case of artificial pacemaker users should be prescribed and accompanied my medical professionals. As the Nexcor monitor operates via the use of the handy network, in case of the concomitant use with a pacemaker, the restrictions determined by the pacemaker manufacturer should be duly observed;
- The USB monitor entry located at the higher level is for manufacturer's use only, and should not be used for another purpose.

POSSIBLE WORKING PROBLEMS AND SOLUTIONS

Problem	Possible Solution
Monitor does not turn on	» Verify if the battery is correctly inserted; » Verify if the battery is loaded.
Blue Led remains on for more than 10 seconds	» Verify if the electrode plugs are correctly connected to the electrodes; » Verify the electrodes and perform the exchange if they are peeling away; » Verify if the cable or plugs show some average and request the exchange; » Disconnect and reconnect the monitor with connected cable and plugs.

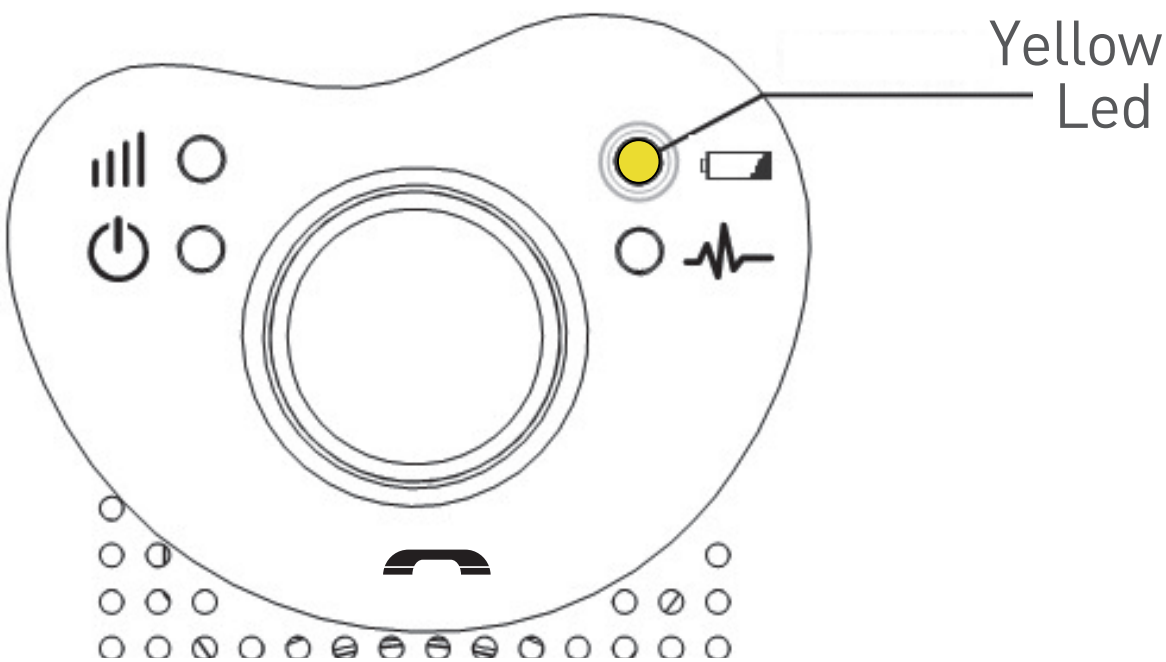
Problem	Possible Solution
Nexcor vibrates and the yellow Led remains on	» Substitute the battery for another fully charged battery.
Green Led is off and monitor issues a sonorous signal from time to time	» Verify its location and look for the place that presents the best GSM Handy Network connection.
Calling signal Speaking tone is too low	» Use the volume control bottoms for a more proper volume.

BATTERY LOADING

The battery type is of **NEXCOR BP4L.**
The external loader **MODEL is 3J - NX3LC.**

BATTERY LOAD INDICATION

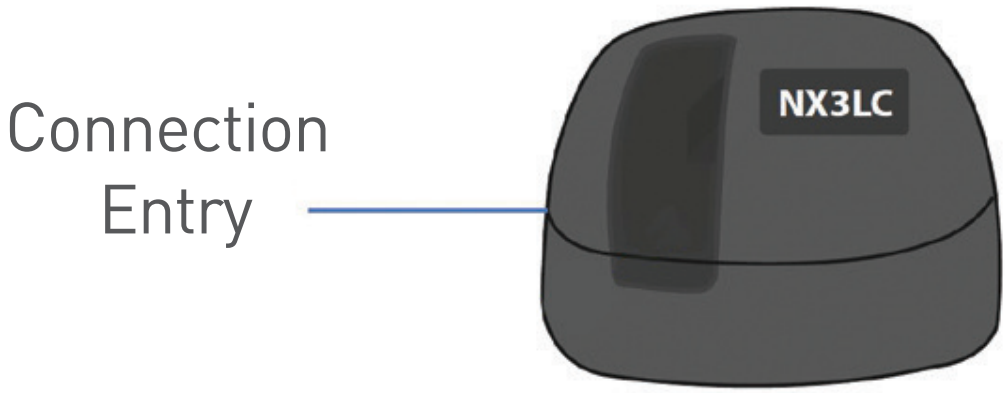
The **NEXCOR** has a battery level indicator, which alerts user whenever the battery should be reloaded.



When the battery reaches 30% of the load, the NEXCOR vibrates and the yellow led shall blink. When the load is 10% or less, the yellow led shall remain on to alert user on the battery exchange need. The user should stay alert to be sure that the battery is always loaded, and that a loaded exchange battery is always ready to perform the substitution.

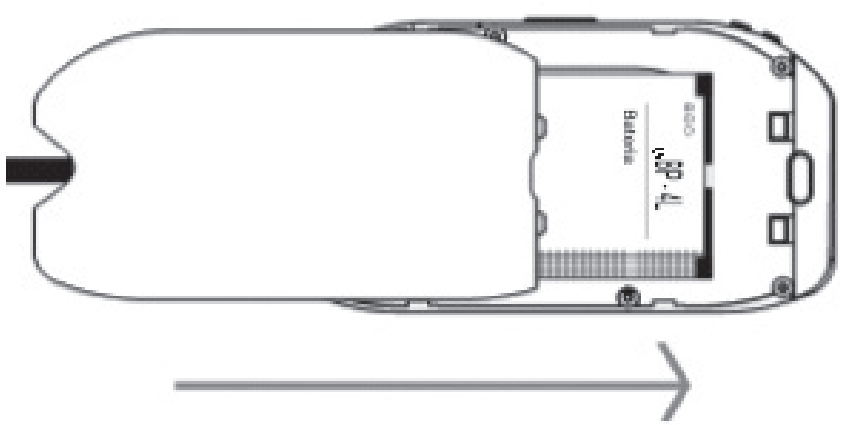
BATTERY LOADING

To load the battery, insert it in the external loader as shown in the image below:



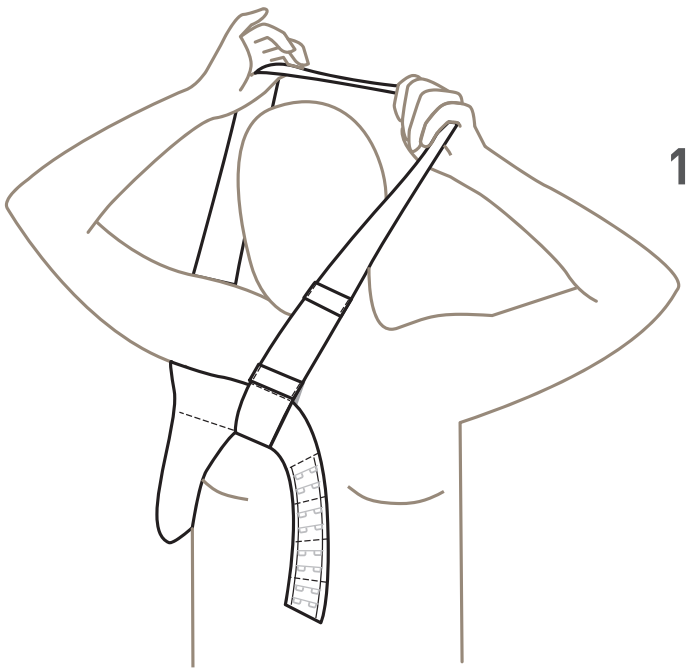
BATTERY INSERTION IN MONITOR

To insert the battery into the instrument, press the button that opens the battery cap and remove it. Install the battery following the battery and monitor indication arrows. Close the cap as shown below:



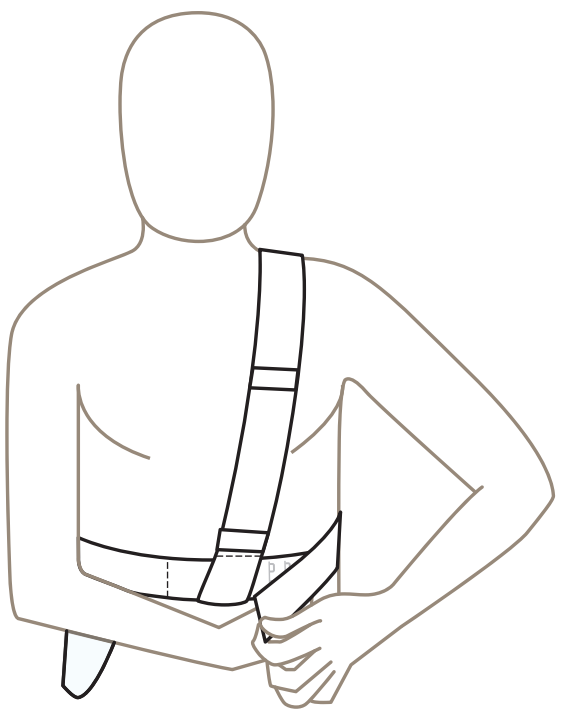
BELT USE

The belt should be used as follows:

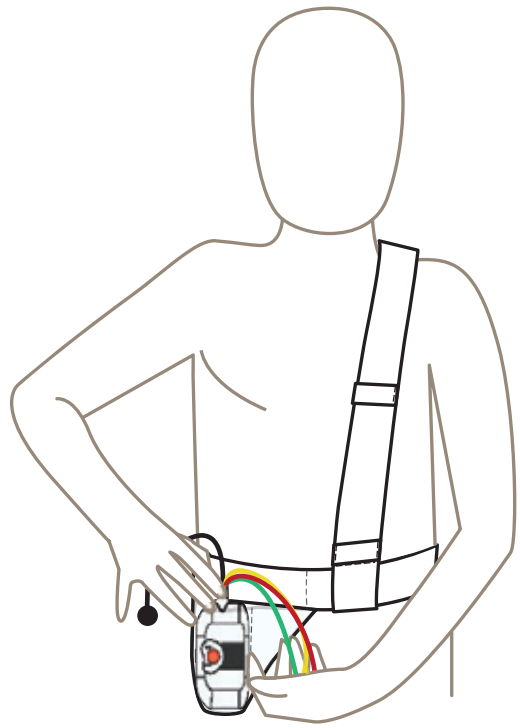


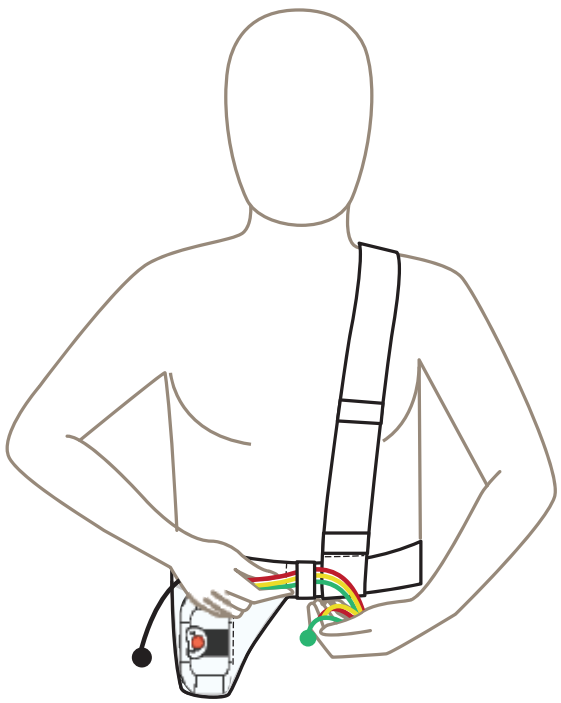
1) INTRODUCE THE RIGHT ARM AND THE HEAD IN THE CLOSED STRAP

2) ADJUST THE WAISTBAND AND TIE THE FASTENERS



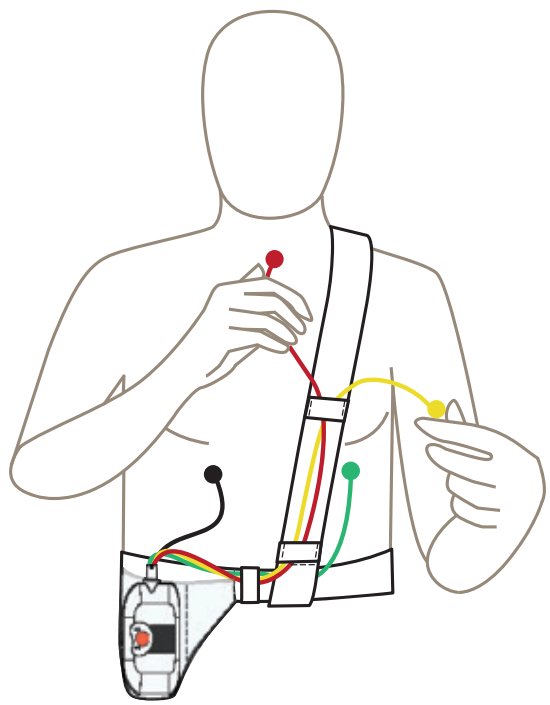
3) PUT THE MONITOR INTO THE POCKET WITH THE BUTTON IN THE FORWARD AND THE CABLES IN THE UPWARD POSITION





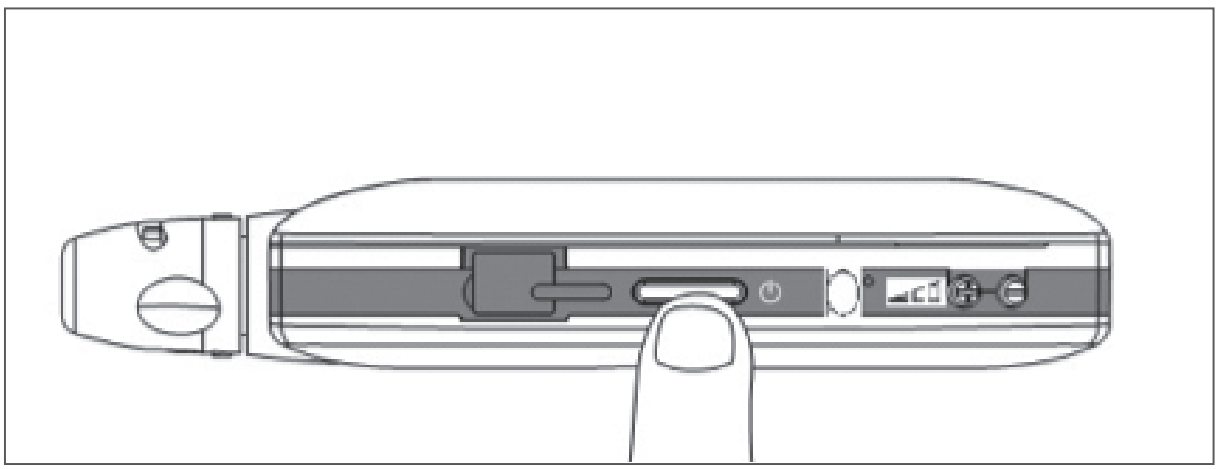
4) PASS 3 OF THE 4 ELECTRODES THROUGH THE WAIST ELASTIC BELTS

5) PASS 2 OF THE 4 ELECTRODES THROUGH THE STRAP BELTS OF THE HOLDER

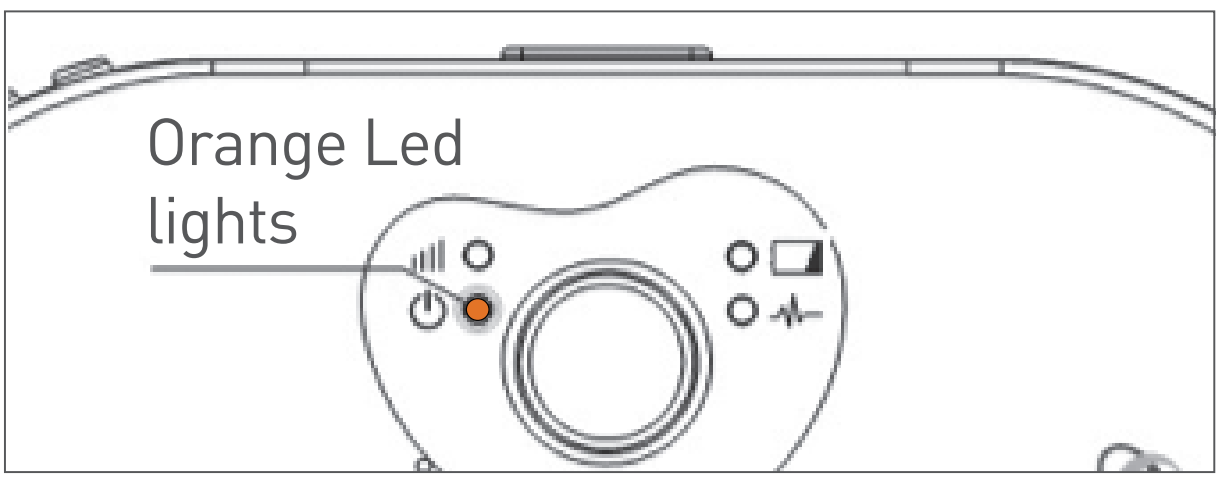


MONITOR USE

Your **NEXCOR** should be used as follows:

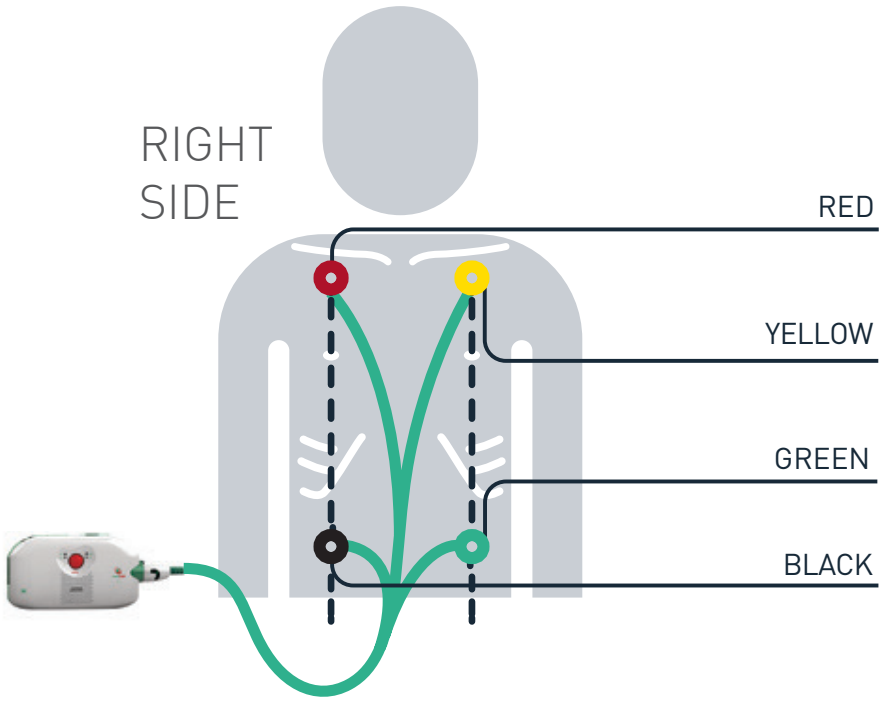


To turn-on the **NEXCOR**, press the turn-on button until the orange light gets on (see the images), indicating that the **NEXCOR** is on.



THE ELECTRODES

The electrodes should always keep a direct contact to the skin and should be positioned as follows:



RED: The electrode should be positioned on the superior RIGHT part of the thorax, just below the clavicle bone;

YELLOW: To be connected to the electrode, which should be positioned on the superior LEFT side of the thorax, just below the clavicle bone;

BLACK: To be connected to the electrode, which should be positioned on the inferior RIGHT side of the thorax, just below the last rib;

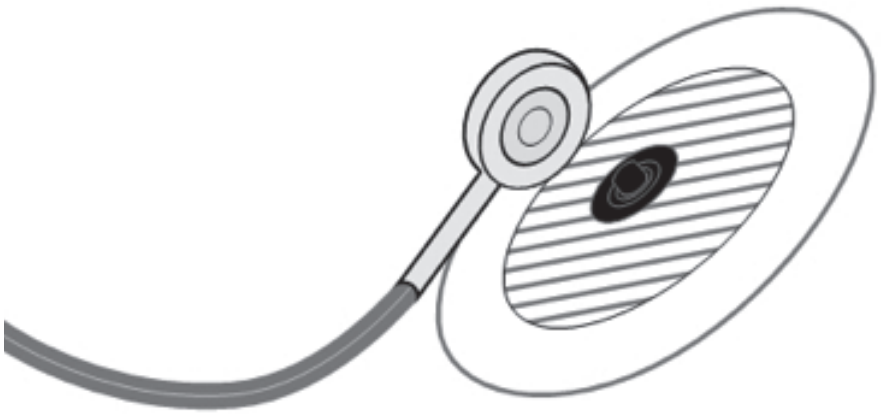
GREEN: To be connected to the electrode, which should be positioned in the inferior LEFT side of the thorax, just below the last rib.

The correct electrode positioning, as well as the direct contact of the electrodes to the skin are essential to allow the **NEXCOR** to capture the heart electrical impulses

- The electrodes should be substituted every day or whenever the user takes a bath;
- Before the bath, remove the electrodes, and after the bath insert new electrodes;
- Be careful to substitute the electrodes when they show low adherence to the skin;
- The low adherence might be caused by transpiration or by the natural skin oiliness.

IMPORTANT: It is normal that men have hair on the thorax, on the places where the electrodes should be positioned. The hair generates interference in the electric impulse capturing, and this fact impairs or even prevents the generation of electrocardiograms. Thus, if this is your case, shave the hair at the places where the electrodes shall be placed on.

CABLE CONNECTION TO THE ELECTRODES



Install an electrode in each one of the four cable connectors as shown in the image above. Position the electrode pin into the central hole of the connector until hearing the electrode locking into the connector.

IMPORTANT: The NEXCOR is a monitoring device. The diagnosis on the health condition of the user should always be provided by a specialized physician, and with the use of all means and equipment which are appropriate for mentioned purpose.



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