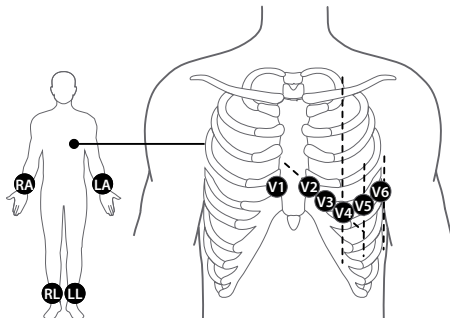


BeneHeart 12-Channel Electrocardiograph Quick Guide

Electrode Placement



AHA	IEC	Electrode placement
V1	C1	Fourth intercostal space at the right sternal border
V2	C2	Fourth intercostal space at the left sternal border
V3	C3	Midway between V2 (C2) and V4 (C4) electrode positions
V4	C4	Fifth intercostal space at the left midclavicular line
V5	C5	Left anterior axillary line, horizontal with the V4 (C4) electrode position
V6	C6	Left midaxillary line, horizontal with the V4 (C4) electrode position
RA	R	Above right wrist, inside the right arm and below the elbow
LA	L	Above left wrist, inside the left arm and below the elbow
RL	N	Above right ankle, inside the right leg and below the knee
LL	F	Above left ankle, inside the left leg and below the knee

Patient Preparation

1. Prepare the skin at electrode sites:
 - a. Exposing the electrode sites.
 - b. Shaving hair from each electrode site.
 - c. Degreasing each electrode site with alcohol and abrade slightly with a dry gauze to remove dead skin cells.
 - d. Dry the skin completely.
2. Apply electrodes:
 - a. Respectively connect the 6 chest leadwires and 4 limb leadwires with the electrodes.
 - b. If reusable electrodes are used, apply a thin layer of conductive gel on each electrode site and each metal electrode.
 - c. Placing the electrodes at the positions by referring the left picture.

Precautions

- This equipment is not intended to be in use with high frequency surgical units.
- For paced patients, the equipment may mistake a pace pulse for a QRS complex if several adverse conditions exist simultaneously. Always keep these patients under close surveillance.
- Reusable electrodes must be cleaned after each use.
- When placing the chest electrodes, ensure that the metal electrodes do not touch each other and conductive gel from one application site does not touch another site.

Basic Operations

Connecting the Patient Cable

Plug the patient cable into the patient cable connector of the equipment. Tight the screws to securely attach the patient cable to the equipment.

Turning On the Equipment

Press  to turn on the equipment.

Entering Patient Information

Before acquiring an ECG, enter patient information in any of the following ways:

- ◆ Use a barcode reader to read patient ID.
- ◆ Select the quick key  and manually input patient information on the **New Patient** page.
- ◆ Select the quick key  and select a discharged patient from the **Discharged Patients** page.
- ◆ Select the quick key  and select an ordered patient from the **Worklist** page.

System Setup

Select the **Main Menu** quick key to access the main menu. Configure the settings as desired.

Acquiring an ECG

- ◆ Press  or select the **Start ECG** quick key to start acquiring an ECG in the Auto mode.
- ◆ From the right side of the main screen, select **Auto** and select **Manual** from the popup list, and finally press  or select the **Start ECG** quick key to start acquiring real-time ECG in the Manual mode.
- ◆ Select the **Start Rhythm** quick key to start acquiring a rhythm ECG in the Rhythm mode.

Managing Files

Select the **History File** quick key to access the **History File** window.

- ◆ Set query criteria, and select **Search** to search a file.
- ◆ Select a desired file, you can review, reanalyze, print, delete, export or transmit a report. If multiple files are saved for one patient, you can choose two reports for a comparison.



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