

12-Lead ECG Placement and Recording

Electrode Prep and Placement

1. Have women take blouse off, keep bra on. Men take off shirt. Put gown on open in the front.
2. Lie supine on exam table.
3. Roll up pant legs to expose lower leg.
4. Shave hair from each electrode site on men. Follow placement diagram.
5. Rub sites with alcohol pad.
6. Using AHA precordial positioning diagram, mark electrode site with felt pen
7. Use abrasion pad to remove epidermal skin layer at each electrode site
8. Place electrode with tab going downward
9. Attach lead wires from the ECG recorder to the electrodes. Limb leads use RA, LA, LL, RL. Precordial leads use V1 - V6.

ECG Recording

1. Connect power cord in back of machine to AC plug
2. Turn power switch ON (back of machine)
3. Enter patient Information using Function Keys (F1, F2, F3 etc.)
 - a. Select F1 Patient Info
 - b. New Patient? Yes (F1) hit enter Key
 - c. Patient last name: Leave blank
 - d. Patient first name: Leave blank
 - e. Type patient Study ID, (Ex. C0266-6) hit enter key
 - f. Location: Leave blank
 - g. Select "yes" F1 for patient over 1 year of age
 - h. Age: Enter Age
 - i. Enter gender, Male (F1) Female (F2)
 - j. Height: Leave blank
 - k. Weight: Leave blank
 - l. Race: Leave blank
 - m. Enter Room: AIRP
 - n. Physician Referral, WSCS
 - o. Technician ID: 1-3 will be assigned numbers (Kathy S = 1, Mary S = 2, Amanda R = 3)
 - p. Enter Medications: Leave blank
4. Have patient uncross legs with no talking
5. Press RECORD ECG key
6. System processes the ECG and prints report
7. Print TWO copies of 12-lead