Quick Reference Guide

QRS-Card™ Stress ECG System

Acquiring a New Stress ECG Test

1. Confirm that hardware and software are installed and working correctly (see separate installation instructions or user manual).

2. **Prep the patient.** *A good patient prep is most beneficial for reducing artifact and noise on the ECG
   a. **Shave hair** if necessary from electrode sites.
   b. **Rub skin with alcohol** for better contact for electrodes.
   c. **Let dry fully.**

3. **Attach electrodes to patient.** See electrode position diagram below.

4. **Instruct the patient to remain as relaxed as possible.**

5. **Select the Stress ECG Icon** **OR use hotkey F3.**
   a. Depending on your setting (see user manual for setup instructions), the software will perform a number of pre-test tasks (may display setup screen or electrode position diagram).

6. Once you navigate through these screens, **enter patient demographics in the 'Stress ECG Patient Information' card, click 'Ok'** to begin acquiring an ECG.

7. Stress ECG acquisition will follow protocol defined in Stress Setup screen. **Manually move through the pre-test phases** (Supine, Hyperventilation and Warm-Up) by **clicking the** **advance stage** button.

8. **Exercise phase will begin** and continue according to protocol.
   a. Other tasks such as **manually taking blood pressure, saving, annotating and printing ECG strips** can be executed during the ECG acquisition.

9. Once target heart rate is achieved or patient is fatigued, **click the** **Begin Recovery button.**
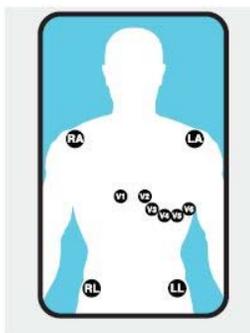
Electrode Position Diagram
V1 (Red) =   Forth Intercostal space at the right border of the sternum
V2 (Yellow) =   Forth Intercostal space at the left border of the sternum
V3 (Green) =   Midway between locations V2 & V4
V4 (Blue) =   At the mid-clavicular line in the fifth intercostal space
V5 (Orange) =   At the anterior axillary line on the same horizontal level as V4
V6 (Purple) =   At the mid-axillary line on the same horizontal level as V4 & V5

Reviewing a Stress ECG Test

1. To view (or edit) a Stress ECG test, **highlight the desired test from the Cardiology Suite Master Screen test database and click** **OR double click on the test** to be reviewed.
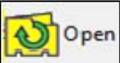
2. The test record will be displayed in the Cardiology Suite Stress Dataview screen. The default view is a 4 x 3 lead view (see example below).

 - Used to view or edit information about the patient.

 - Shows various views of the data, including views of leads, complexes and selected strips.

 - provides summarized data and tables for ECG measurements. Also allows user to edit interpretation statements.

 - allows user to print various Stress ECG reports to printer, PDF or Microsoft® Word.

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