

## Quick Reference Guide

### Datascope View 12™



**mindray™**  
NORTH AMERICA

**Note:** The Quick Reference Guide is not intended as a replacement to the Operating Instructions. Prior to operating equipment, the user must be familiar with the Operating Instructions Manual contents.

This document is a guideline only to be used as an aid to comprehensive Inservice Training.

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### 12-Lead

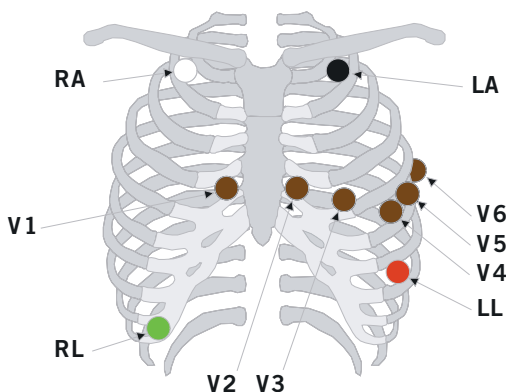
The View 12 ECG Analysis Module for the **Spectrum®** and **Passport 2®** enables 12-lead acquisition, continuous 12-lead ST analysis and arrhythmia analysis with print capability. The View 12 ECG analysis module consists of a PCMCIA card for insertion into the **Spectrum** and **Passport 2** and a detachable lead wire set.

### For optimal skin contact

- Shave hair from electrode site
- Cleanse electrode site with alcohol to remove oils
- Attach electrode to lead wire before placing on patient

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### Proper electrode placement for View 12



- RA Under the right clavicle, mid-clavicular line within the rib cage frame.
- LA Under the left clavicle, mid-clavicular line within the rib cage frame.
- LL On the lower left abdomen within the rib cage frame.
- RL On lower right abdomen within the rib cage frame.
- V1 In the fourth intercostal space, right sternal border.
- V2 In the fourth intercostal space, left sternal border.
- V3 Midway between V2 and V4 on a straight line.
- V4 In the fifth intercostal space, mid-clavicular line.
- V5 In the fifth intercostal space, anterior axillary line.
- V6 In the fifth intercostal space, mid-axillary line.

### To enable the View 12 ECG Analysis Module

- Insert the View 12 ECG Analysis Module with cable attached into the PCM Slot 1 on right side of the Passport 2® or Spectrum® monitor
- Enable 12-Lead ECG in the Function Menu (if disabled)
- “12-Lead Initializing” will display in the 1st ECG waveform area
- Attach electrodes to the lead wires and then onto the patient



### To enable continuous ST analysis on the View 12 ECG Analysis Module

- Scroll and select ECG with the Navigator Knob
- Scroll and select ST Menu
- Scroll and select ST analysis
- Scroll and select On to enable
- Scroll and select Yes to accept
  - An **S** appears in the HR tile

### To select a mode to view ST analysis

- Scroll and select ST Menu
- Scroll and select Delta ST or Absolute ST
  - **Delta ST:** To view the changes between the learned ST segment and the present ST segment
  - **Absolute ST:** To view the changes between the 0 baseline point and the present ST segment

### To enter patient information

- Scroll and select Patient Menu with the Navigator Knob
- Scroll and select the patient data field to adjust with the Navigator Knob
- Using the onscreen keyboard, scroll with the Navigator Knob to highlight the appropriate character
- Press the Navigator Knob to select the character
- Repeat as necessary
- Scroll and select Done
- Scroll and select Gender to enter patient's gender
- Scroll and select Date of Birth to enter patient's date of birth
- Scroll and select height/weight to enter patient's numeric value
- Select Normal Screen to exit Patient Menu
- Information also may be entered at the Panorama® Central Station

**Note:** Gender and Date of Birth are required for a 12-Lead with Interpretation Report.

### **To view the 12 Leads obtained from the View 12 ECG Analysis Module**

- Press VIEW on the front key pad in the ECG column to display the first 6 leads of ECG
- Press VIEW a second time to display the second 6 leads of ECG
- Press VIEW a third time to return to the Normal Screen

### **To print a 12-Lead Report**

- Press View on the front key pad in the ECG column to display multiple leads of ECG
- Press Strip on the front key pad
  - The 12-Lead Report will print to a thermal recorder or laser printer depending on system configuration

### **To disable the View 12 ECG Analysis Module**

- Disable 12-Lead ECG in the Function Menu (if enabled)
- Remove the View 12 ECG Analysis Module with cable attached from the PCM Slot 1 on right side of Passport 2® or Spectrum® monitor



### Reminders

- Respirations are not acquired from a View 12 ECG Analysis Module (Acquired from 3 Lead Wire Set, 5 Lead Wire Set, or CO<sub>2</sub>)
- Disable the View 12 ECG Analysis Module before removing from Passport 2° or Spectrum® monitor
- Intra-Aortic Balloon Pump (IABP) interfacing is **disabled** when using the View 12 ECG Analysis Module (Acquired from 3 or 5 Lead Wire Set)
- Asystole, Vfib, and HR calculations are analyzed from **V1** and **V5** leads
- Ventricular arrhythmias are analyzed from **II**, **V1** and **V5** leads

### Troubleshooting

- View 12 ECG Analysis Module not initializing
  - Insure Module is pushed completely into PCMCIA Slot 1 on right side of monitor
  - Insure Module is enabled in Function Menu
- Respirations absent after View 12 ECG Analysis Module initiated
  - Respirations will only be acquired through the use of the 3 Lead Wire Set, 5 Lead Wire Set, or CO<sub>2</sub>
- 12-Lead Report not printing
  - Insure paper is in both the thermal recorder (if applicable) and the laser printer. The laser printer will not print the report if the thermal recorder is empty
  - Insure multiple leads of ECG are displayed by pressing VIEW on the front key pad in the ECG column
- Interpretation is absent
  - Insure gender and date of birth have been entered on the patient in the Patient Setup Menu