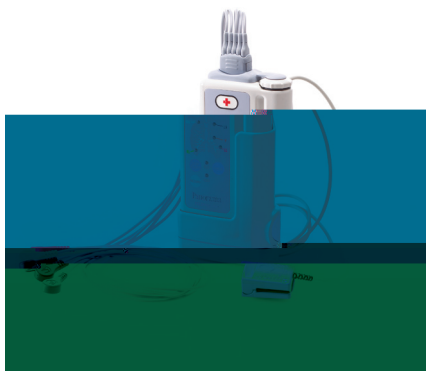


Quick Reference Guide

Datascope **Panorama**[®] TELEPACK-608 SpO₂



mindray[™]
NORTH AMERICA

Note: The Panorama Telepack SpO₂ Quick Reference Guide is not intended as a replacement to the

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Overview

The Panorama Telepack with the SpO₂ Module measures functional oxygen saturation of the arterial hemoglobin (% SpO₂) and pulse rate (BPM) for the adult patient. The following information is available at the Panorama Central Station, ViewStation, and/or Interactive Workstation:

1. SpO₂ Waveform
2. SpO₂ numeric data
3. Numeric Pulse Rate

Removing Cleaning Plug from SpO

- e. Align SpO₂ module with Panorama Telepack and slide SpO₂ module onto telemetry pack until an audible “click” is heard
- f. Ensure ECG lead wires set is connected to Panorama Telepack
- g. Turn Panorama Telepack on by rotating battery door clockwise

Installing the SpO₂ patient cable and sensor:

To connect the SpO₂ patient cable and sensor to the SpO₂ Module,

- a. Connect SpO₂ patient cable on the bottom of the SpO₂ module
- b. Press to secure the SpO₂ patient cable into the channels on the back of the SpO₂ module
- c. Attach disposable SpO₂ sensor to patient cable (if applicable)

Displaying the SpO₂ waveform:

To display the Panorama Telepack SpO₂ waveform on the main display of the Panorama Central Station, ViewStation, or Interactive Workstation,

- a. Select **PATIENT SETUP** menu button
- b. Select patient tile by touching the digital data area or the waveform area of the tile
- c. Select **DISPLAY** tab

- d. Select waveform 2
- e. Choose Pleth waveform from the waveform list box
- f. Choose **SELECT** to confirm

Printing Real Time SpO₂ Waveform:

To select and print an All Strips Report at the Panorama Central Station, ViewStation, and/or

Interactive Workstation containing the SpO₂ waveform,

- a. Select **PATIENT SETUP** menu button
- b. Select patient tile by touching the digital data area or the waveform area of the tile
- c. Select **PRINT SETUP** tab
- d. Select Pleth waveforms for printing
 - A ✓ in the waveform box indicates the waveform is configured to print
- e. Select **REC** adjacent to the patient tile

Patient Alarms:

The Patient Alarms tabs at the Panorama Central Station and Interactive Workstation* allow the user to configure alarm limits and responses of the Panorama Central Station when an alarm violation occurs.

To adjust the patient's SpO₂ alarm limits at Panorama Central Station or Interactive Workstation*,

- a. Select **PATIENT ALARMS** menu button

* Optional

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- b. Select patient tile by touching the digital data area or the waveform area of the tile
- c. Select **ALARM LIMITS** tab
- d. Select the SpO₂ Parameter using the ← or → buttons
- e. Select the High or Low SpO₂ alarm limit button on the slider
- f. Use the up and down arrows or drop and drag the scroll box in the slider control to change the limit to the desired value

To adjust a patient's SpO₂ alarm responses on the Panorama Central Station from the Panorama Central Station and/or Interactive Workstation*,

- a. Select **PATIENT ALARMS** menu button
- b. Select patient tile by touching the digital data area or the waveform area of the tile
- c. Select **ALARM RESPONSES** tab
- d. Select and highlight the SpO₂ parameter
- e. Select
 - Priority - Adjusts the importance of the alarm. The lower the priority the higher the severity.
 - Print On Alarm - Determines if an automatic Print on Alarm Report is produced upon the alarm condition.

* Optional

- Save To Event - Determines if the alarm event is saved in the Events tab to be retrieved at a later time.
- Page On Alarm* - Determines if the alarm event sends a page request to the assigned pager(s).

Viewing and Printing Trends:

The List Trends Tab at the Panorama Central Station, ViewStation, and Interactive Workstation allows viewing and printing of all available vital sign information in list and graphic formats.

To view and print List Trends at Panorama Central Station, ViewStation, and/or Interactive Workstation,

- a. Select **VIEW** adjacent to the patient tile
- b. Select **TRENDS** tab to view the trend list
- c. Select **PRINT** menu button

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To view Events at the Panorama Central Station, Viewstation, and/or Interactive Workstation,

- a. Select **VIEW** adjacent to the patient tile
- b. Select **EVENTS** tab to view the Event List

To view and print an SpO₂ event in the Event List at the Panorama Central Station, Viewstation, and/or Interactive Workstation,

- a. Select **VIEW** adjacent to the patient tile
- b. Select **EVENTS** tab to view the event list screen
- c. Select and highlight the SpO₂ event
- d. Select **VIEW WAVEFORM** sidebar button
- e. Select **PRINT** to print the 20 second stored event

Note: The waveforms printed are determined by the patient's **PRINT SETUP** Tab.

Disabling the SpO₂ Module:

To remove SpO₂ module from Panorama Telepack,

- a. Turn Panorama Telepack **OFF** by rotating the battery door counterclockwise
- b. Press the blue button on the right side of the module until an audible "click" is heard (Disengaging the module)
- c. Remove the Panorama Telepack from the SpO₂ module

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- d. Replace flexible cover (from bottom of SpO₂ module) over connection site on bottom of Panorama Telepack
- e. Turn Panorama Telepack on by rotating the battery door clockwise to continue ECG monitoring
- f. Replace cleaning plug over connection site on inside of SpO₂ module

Cleaning the SpO₂ Module:

To clean the SpO₂ module:

- a. Place cleaning plug on the connector located in the inside of the SpO₂ module
- b. Press down on the cleaning plug while angling the top of arm of the plug into the circular recess
- c. Refer to Panorama Central Station Operator manual for approved cleaning solutions

Frequently Asked Questions

The SpO₂ module appears connected but the SpO₂ digital data is not being displayed. What could be the issue?

- a. SpO₂ module attached with the Panorama Telepack on
 - Turn off the Panorama Telepack, attach the SpO₂ module, and turn on to “initialize” the SpO₂ module

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- b. ECG lead wires disconnected
 - Attach ECG lead wires sets to Panorama Telepack
- c. SpO₂ module not completely connected
 - Turn off the Panorama Telepack by rotating battery door counterclockwise
 - Disable the SpO₂ module by pressing the release button
 - Align SpO₂ module with Panorama Telepack and slide module onto telemetry pack until an audible “click” is heard
 - Ensure ECG lead wires set is connected to Panorama telepack
 - Turn Panorama Telepack on by rotating battery door clockwise
- d. SpO₂ patient cable and sensor connection issue
 - Verify connection on bottom of SpO₂ module
 - Verify connection of sensor with SpO₂ patient cable (disposable probe)
 - Verify SpO₂ sensor is attached
 - Ensure red light is illuminated on sensor
 - i. Replace patient cable and/or sensor if not illuminated
 - ii. Replace batteries in Panorama Telepack
- e. Display Tab is not configured to display SpO₂
 - Select **PATIENT SETUP** menu button

- Select patient tile by touching the digital data area or the waveform area of the tile
- Select **DISPLAY** Tab
- Verify SpO₂ is assigned in digital data tile
 - i. If unassigned select digital data tile and select SpO₂ from the parameter list box
- Choose **SELECT** to confirm

The batteries on the Panorama Telepack need to be replaced. Does the SpO₂ module need to be removed prior to battery replacement?

No. The “Communication Lost” message will be displayed on the Panorama Central Station during the battery exchange and the SpO₂ digital/waveform monitoring will resume once the new batteries are inserted turning the Panorama Telepack back on.

The SpO₂ module needs to be moved to another Panorama Telepack to be used. Can it be disconnected while the Panorama Telepack is on?

It is highly recommended the Panorama Telepack be turned off prior to disengaging the SpO₂ module to prevent any potential problems. If the SpO₂ module is removed while the Panorama Telepack is still on a “SpO₂ Communication Error” message is displayed on

the patient tile at the Panorama Central Station and the SpO₂ tile is removed.

The heart rate color in the patient tile has changed while the SpO₂ module is being used. What is the reason?

A patient's heart rate is obtained (sourced) from the ECG or the SpO₂ when using a Panorama Telepack. If an ECG lead off condition occurs a "Lead OFF" message is displayed in the patient tile on the Panorama Central Station. If the heart rate is unobtainable from the ECG, the heart rate is automatically obtained from the SpO₂. The heart rate color will change to the SAME color as the SpO₂ parameter to indicate this shift in the heart rate source.

Note: The arrhythmia package is temporarily disabled while the heart rate is being obtained from the SpO₂ parameter.

Are there any other reminders or special considerations for the Panorama Telepack SpO₂ module?

- a. Remove the SpO₂ module prior to defibrillating a patient
- b. Remove the SpO₂ module prior to entering the MRI environment
- c. Insert SpO₂ module cleaning plug prior to cleaning the SpO₂ module to maintain its water resistance rating