

Panorama®

Viewing and Retrieving Events

mindray

Objectives

- How to use events reports
 - Select
 - View
 - Print
 - Delete
- How to use calipers
 - Perform calculations

Events Tab




Events Tab stores all physiologic and technical events on a patient. Physiologic events are stored based on the settings in the Alarm Response Tab (see Patient Alarms Menu Button).

The screenshot shows the 'Events' tab interface. At the top, there are navigation tabs: 'Bedside', 'Trends', 'Events' (selected), 'Disclosure', and 'ST'. Below these is a header for 'WEB Bed' with '5 Total' events. The main table displays the following data:

Date / Time	Event (5 Displayed)	HR BPM	NIBP S/D (Mean) mmHg	SpO2 %	Resp RPM
07/20 10:56 AM	Central User Marked Event	60	---/--- (---) ET:999	97	16
07/20 10:55 AM	Central User Marked Event	60	---/--- (---) ET:999	97	16
07/20 10:23 AM	Arrhythmia On				
07/20 10:23 AM	ST On				
07/20 10:23 AM	Admit				

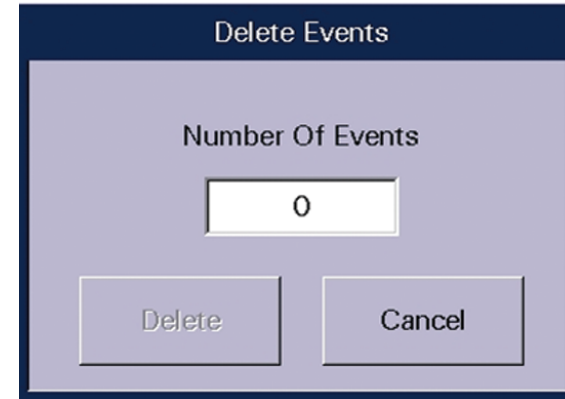
At the bottom of the interface, there are several navigation buttons: a left arrow, a double down arrow, a single down arrow, 'Delete Single Event', 'Delete Events', a single up arrow, a double up arrow, and a right arrow. On the right side of the screen, there is a vertical menu with buttons for 'View Waveforms', 'Events Filtering', 'Comments', and 'Normal Screen'.

Displaying Events – To Display a Patient’s Stored Events

- Select **VIEW** on the patient’s tile
- Select **EVENTS** tab to display the most recent event digital data in a list format
- Select the arrows to scroll through the list
 - To scroll one entry at a time 
 - To scroll one page at a time 
 - To scroll to the top or bottom of the list 
 - To view more parameters
- Select **“Previous/Next Event”** to scroll to trend times based on alarm conditions
- Alarms are color-coded based on priorities
 - Priority 1: Red visual alarm notifications – high level audio notification
 - Priority 2: Yellow visual alarm notifications – mid level audio notification
 - Priority 3: Yellow visual alarm notifications – tertiary level audio notification

Deleting Events – To Delete a Patient’s Stored Event

- Select **VIEW** on the patient’s tile
- Select **EVENTS** tab to display the most recent event digital data in a list format
 - Select and highlight the event to be deleted
 - Select **“Delete Single Event”** to erase the event
 - Select **“Delete Events”** to erase events older than the highlighted event
 - Enter the number of events to be deleted
 - Select **“Delete”**
 - Select **“Yes”** to confirm

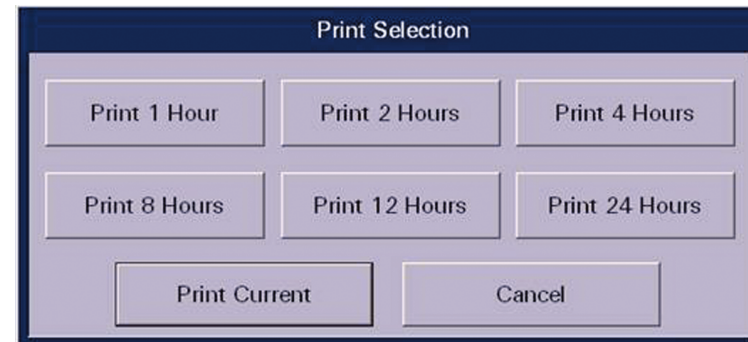


Note: Not all events can be deleted. If an event is deleted it will be unmarked in the **Disclosure** Tab.

Print – To Print an Event List

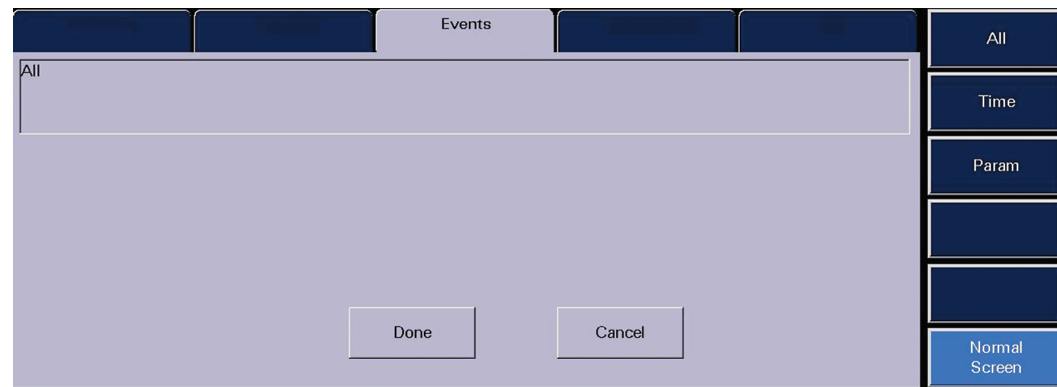
- Select **VIEW** on the patient's tile
- Select **EVENTS** tab
- Select print menu button
- Select the interval

Note: This Report can also be printed from the Report Menu



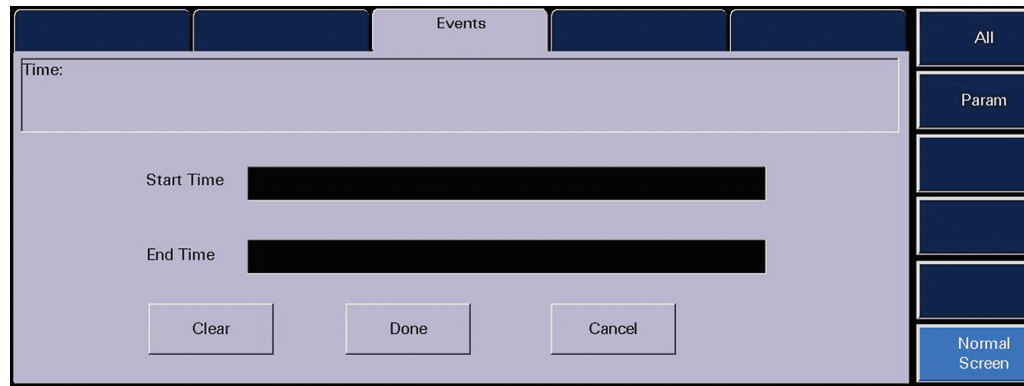
Event Filter Sidebar Button – To Adjust the List Seen in the Events Tab

- Select **VIEW** on the patient’s tile
- Select **EVENTS** tab to display the most recent event digital data in a list format
- Select **EVENT FILTER** sidebar button
 - Select **ALL** sidebar button to view all events



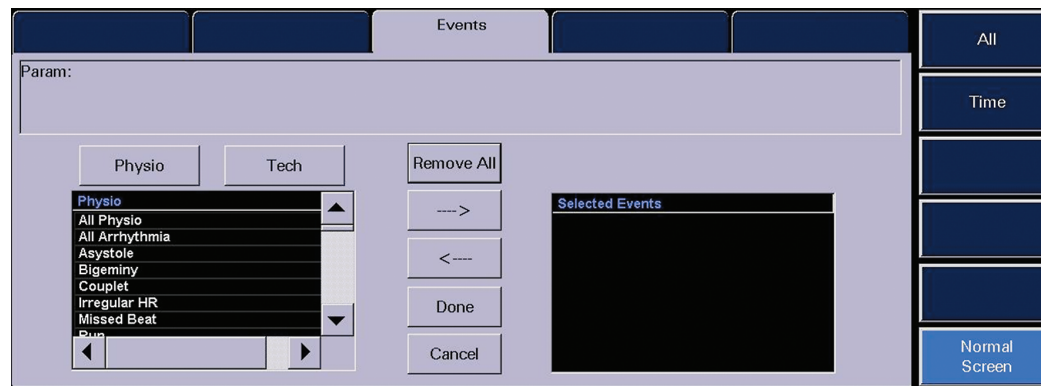
Event Filter Sidebar Button – To Adjust the List Seen in the Events Tab

- Select **EVENT FILTER** sidebar button
 - Select **TIME** sidebar button to view events occurring during a specific time period
 - Select **“Start”** and **“End”** Time
 - Select **“Done”**
 - Select **DONE** to display the filtered Event list



Event Filter Sidebar Button – To Adjust the List Seen in the Events Tab

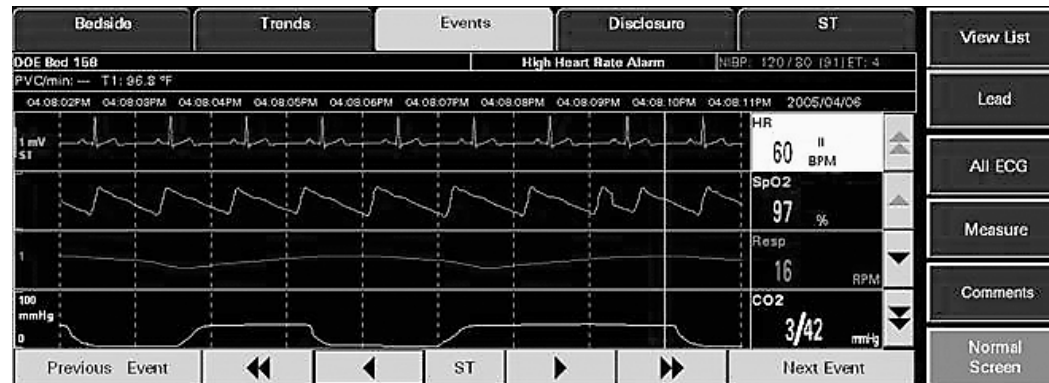
- Select **EVENT FILTER** sidebar button
 - Select **PARAMETER** to view specific physiologic and/or technical events
 - Select “**Physio**” and/or “**Tech**”
 - Select the parameter from the list
 - Use the arrows to select (add) or deselect (remove) the parameter in the filtered list
 - Select **DONE** to display the filtered Event list



Event View Waveforms Tab – To View and Print a Specific Physiological Event that is Associated with a Waveform

- Select **VIEW** on the patient’s tile
- Select **EVENTS** tab to display the event conditions collected for the selected patient tile
- Select the specific event to view
- Select **VIEW WAVEFORMS** sidebar button to show an expanded view of the event

Note: All available waveforms can be viewed in this area even if they are not being viewed at the bedside



Navigational Arrows – Select the Arrows to Scroll Through the Event Data

- Select the Double Up arrow to display the previous page of waveforms
- Select the Up arrow to move the group of waveforms displayed up one position
- Select the Double Down arrow to display the next page of waveforms
- Select the Down arrow to move the group of waveforms displayed down one position
- Select the Double Left arrow to display the previous nine seconds of event data
- Select the Left arrow to move the colored vertical cursor line one second back in time
- Select the Right arrow to move the colored vertical cursor line one second forward in time
- Select the Double Right arrow to display the next nine seconds of event data

Next Event Button

Select the **NEXT EVENT** button to locate and display an event that occurred later than the current event time began

Previous Event Button

Select the **PREVIOUS EVENT** button to locate and display an event that occurred earlier than the current event time began

View List Sidebar Button

Select to return to the **EVENTS** tab

Lead Sidebar Button (5-wire lead set or 12 lead only)

Select to change the top lead of ECG displayed in the **EVENT VIEW WAVEFORM** tab

Print Menu Button

Select the **PRINT** menu button to print an Event View Waveform strip for the selected event

All ECG Sidebar Button

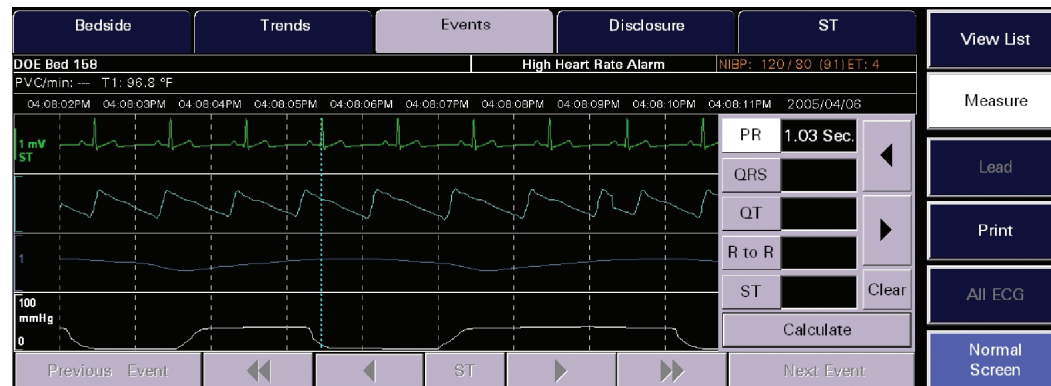
Select to view all available ECG waveforms in the **EVENT VIEW WAVEFORM** tab. When selected, the **ALL ECG** button will turn white. To resume viewing of all waveforms, select the **ALL ECG** button to turn button blue again.

When the assigned device is an Ambulatory Telepack which is not using an SpO₂ module, the **EVENT VIEW WAVEFORM** tab is always in an ALL ECG mode.

Note: The number of ECG lead vectors displayed depends on the utilized lead wire set

Measure Sidebar Button – To Measure Intervals and Use the on Screen Calipers

- Select **VIEW** on the patient's tile
- Select **EVENTS** tab to display the event conditions collected for the selected patient tile
- Select the specific event to view
- Select **VIEW WAVEFORM** sidebar button to show an expanded view of the event
- Select **MEASURE** sidebar button



Measure Sidebar Button – To Measure Intervals and Use the on Screen Calipers

- Select the measurement to be taken
 - **PR**
 - **QRS**
 - **QT**
 - **R to R**
 - **ST**
- Select the waveform or use the arrows to adjust the first line (dotted)
- Select the same measurement as above
- Select the waveform or use the arrows to adjust the second line (solid)
- Select **CALCULATE** to perform the calculation
- Repeat above steps for additional measurements