



# DS-8100 Bedside Monitor Reference Guide

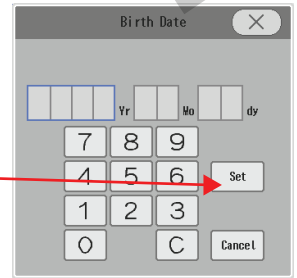
## Admit a Patient

Touch "Resume" or Admit" to open the monitor.

Touch **Admit/Discharge** found in the **User Key** on the left side of the screen or touch the **Patient tile** in the upper left corner of the screen to enter patient data.



- Enter patient information.
  - \*If nothing else, input the Class (**Pt Type - Adult/Child/Neo**) and the sex of the patient so that the central station will start saving data when on a Hardwired Network.
- Ensure that the **Appropriate Patient Type** is selected (**Adult, Child, and Neonate**).
- **ID** - Input the numeric data for the ID
  - ◆ Touch "Set" found at the bottom right hand corner to enter the information
- **Birth Date** - Input Birth Date (Year, Month, and Day) Touch "Set" to enter the information.
  - \*Warning: The system defaults to a 35 yr old male.
- Turn the **Pacemaker** key to "Used" if the patient has a pacemaker.
  - \*Only activate if the patient has a pacemaker.
- Touch **Mode Select** in the **Admit/Discharge** menu or the **Box** next to the **PATIENT TILE** to select the MODE.



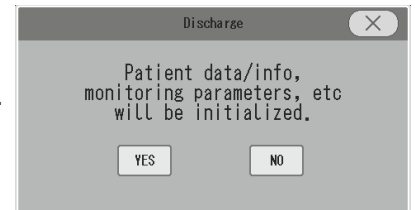
## Monitor Suspend

- Touch **Admit/Discharge** → touch **Monitor Suspend** or you may find it as a **User Key**.
- The confirmation menu will be displayed. Touch **OK** to place the monitor into "Suspend Mode".

## To Discharge A Patient

- Touch **Admit/Discharge**.
  - ◆ Touch **Discharge** and the Discharge confirmation window will be displayed.
  - ◆ Touch **YES**.

\*Warning: All data will be erased from this monitor upon Discharge!



## NIBP Options

- **NIBP Intervals**
  - ◆ Touch **NIBP Auto Mode**. This will display all possible NIBP measurement intervals.
- **NIBP List**
  - ◆ Touch **NIBP List**. This will display a chart with the date and time of each **NIBP and all user defined vital signs**. The most recent recording is on the right. Use the arrows on the Right side of the box to scroll.
- **To Print** > Touch the **Print** button on the bottom right corner to print the NIBP List to the optional 3 Channel printer or when hardwired to the Laser Printer.

**NIBP Options cont.**


● **NIBP Smart Features**

- ◆ **Dyna Alert:** NIBP watch dog. Takes an additional pressure when it measures a 20% change in the HR and SpO2 algorithm.

**Dyna Alert utilizes an ECG waveform, a HR and SpO2 Pulse wave.**

**\*Only available in conjunction with Nellcor SpO2.**



Turn **Off** when monitor is used with **Dialysis**.

- Touch **NIBP Numeric** >  > Touch the **ON** key next to Dyna Alert and select **OFF**.

- ◆ **Quick Measure:** provides a NIBP measurement in 20-25 seconds

**\*Note:** For **Hemodynamically unstable Patients**, turn **OFF Quick Measurement** and turn **ON Sight Inflation**



To turn **OFF** follow the steps below.

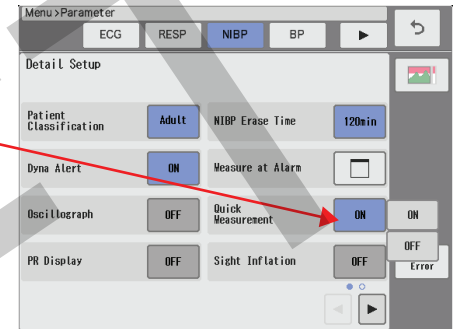
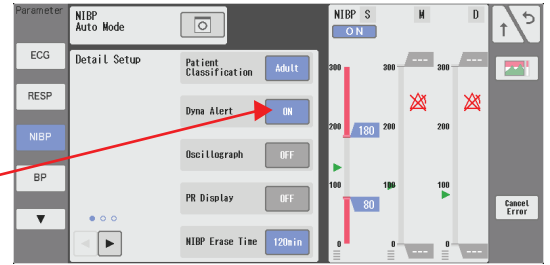
- Touch NIBP Numeric > Touch  > Touch  to move to the 2nd page of the menu > Touch the **ON** key next to Quick Measurement and select **OFF**.

- ◆ **Sight Inflation:** The inflation target level will be automatically determined during the inflation, and starts to deflate after the target level is reached.

**\*Note:** Good for Hemodynamically Unstable Patients.

To turn **ON**, follow the steps below.

- Touch NIBP Numeric > Touch  > Touch  to move to the 2nd page of the menu > Touch the **OFF** key next to Sight Inflation and select **ON**.



● **STAT NIBP**

- ◆ Touch the **NIBP Start/Stop** hard key found on the right side of the monitor or the user key to initiate a state NIBP.

**To Silence Alarms**

- Touch **Alarm Silence** user key or the Alarm Silence hard key. If there is a new alarmed event or occurrence, it will alarm again.


**To Print an ECG Strip**

- Touch the **Print Start/Stop** Key if you have the Optional 3 Channel Printer. A 2 second strip/continuous strip will print at the bedside. Up to 3 waveforms can be chosen to print.

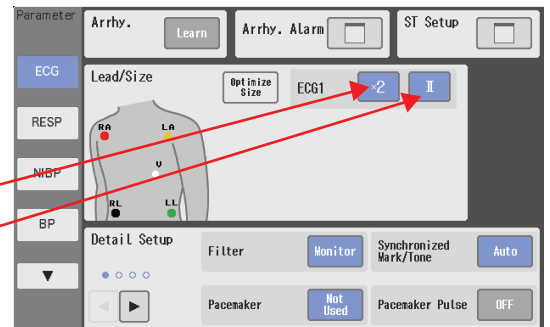
**To View or Change any Vital Sign Parameters**

- Touch **Menu** and choose the parameter you want to make changes to or... Touch the **Vital Sign Numeric box** of the parameter to make changes. A menu specific for that parameter will open.

- ◆ For example.....Touch **HR**.

- Touch the **↑↓ arrows** on the Alarm Limits to change alarm parameters.
- Touch  to move to the 2nd page.
- Touch **ECG X** \_\_\_\_\_ to change the gain.
- Touch **ECG Lead** to change the Lead choice.
- To **relearn a baseline on a Patient:**

- Touch **Arrhy Learn**, and the monitor will relearn the patient's baseline rhythm.
- To Close the menu, touch the **X**.



## Favorite User Key Options

**Tabular Trend:** This key displays a chart of all user defined patient vital signs.

- Touch **Tabular Trend**
  - ◆ Select **Interval** to change the frequency of the vital sign display from 10 sec to 60 min.
  - ◆ To Print - Touch **Print** on the bottom right.

**Graphic Trend:** This section displays user defined graphs and trends of various vital signs and events.

- **Menu** → **Function** → **Graphic Trend** if not found as a user key.

**Recall:** This button will allow you to view the alarmed events on the patient.

- Touch **Recall** > Touch the "**Alarmed Event**" you wish to view and a 4 second strip will be displayed.
  - ◆ To print the alarm, touch **Print** in the bottom right corner.

**Other Bed:** This key displays waveforms, vital signs and events of a second patient on the screen.

- Touch **Other Bed** located next to the patient data at the top of the screen > Select the bed you want to visualize and a picture in picture will appear with the second patient's data.

**\*Note: This function only works on a hardwired installation.**

**Night Mode:** This will adjust the brightness, turning off the alarm sounds at the bedside while alarms and vital signs remain audible and seen at the Central Station.

- Touch the **Night Mode** User Key. To cancel, touch the lower Quick Key Area.

**Display Config:** This option allows you to add or subtract numerics or waveforms from the current display.

- **Menu** → **Display Config.** → **Choose Configuration** → **Waveform** → **Numerics**

### Labeling & Zeroing BP (Invasive Lines)

- ◆ Change the Mode by touching the **Admit/Discharge** key or the **Mode** found at the top of the screen.
- ◆ Touch the BP numeric area to open the menu.
- ◆ Touch **Label** and a menu with all of the available labels will be displayed. Choose the appropriate Label. The color of the waveform, the scale and the numerics will change according to the Label.
- ◆ With the stop cock open to air, Touch and hold **BP Zero for 3 seconds**. The zeroing is complete when you hear the beep and see the message "**BP zero complete**". Close stop cock to air to begin monitoring.

