



# DS-8400 Bedside Monitor Reference Guide

## Admit a Patient

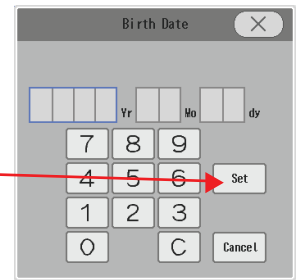
Touch **“Resume”** or **“Admit”** to open the monitor.

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.

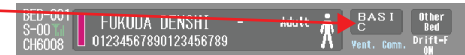


*\*If nothing else, input the Class (Pt Type - Adult/Child/Neo) and the sex of the patient so that the central station will start saving data when on a Hardwired Network.*

- 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.*

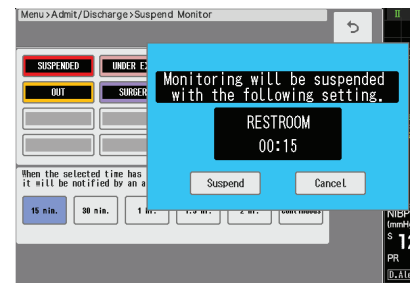


- Touch **Mode Select** in the **Admit/Discharge** menu or the **Box next to the PATIENT TILE** to select the MODE.



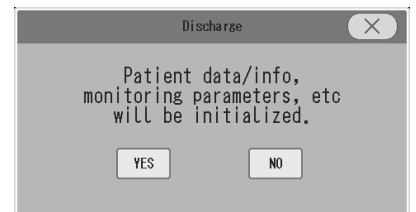
## Monitor Suspend

- Touch **Admit/Discharge** → touch **Monitor Suspend** or you may find it as a **User Key**.
- Choose the **Reason** for suspending the monitor and then the **Time Frame**.
- The confirmation menu will be displayed. Touch **Suspend** to place the monitor into a **“Suspend Mode”**.
- The resume monitoring, touch **Resume** or you can choose to **Extend** the time if needed.



## 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 Smart Features**

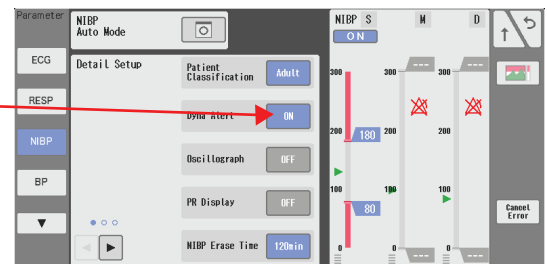
- ◆ **Dyna Alert:** NIBP watch dog. Takes an additional pressure when it measures a 20% change in the HR and SpO2 algorithm.

**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**.

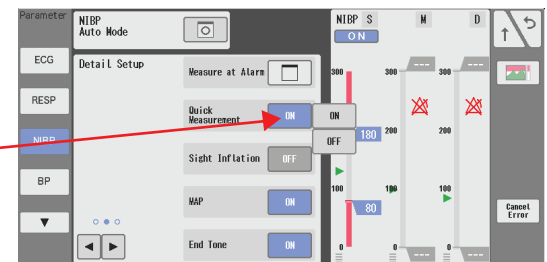


- ◆ **Quick Measure:** provides a NIBP measurement in 20-25 seconds

**\*Note:** For **Hemodynamically unstable Patients**, turn **OFF Quick Measurement** and turn **ON Slight 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**.



- ◆ **Slight 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 Slight 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**. If there is a new alarmed event or occurrence, it will alarm again.

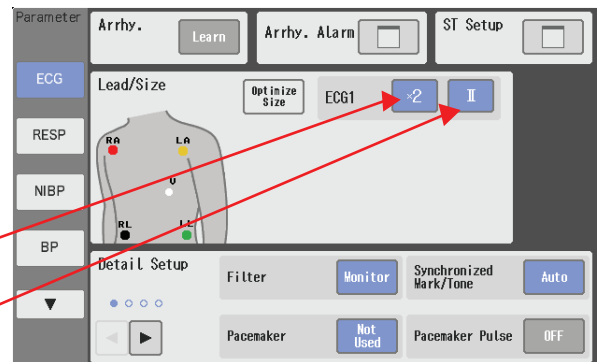
## To Print an ECG Strip

- 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 **Size** to increase/decrease the gain or **Arrhythmia learn** to relearn the patient's baseline
  - To change the **Lead**
    - Touch 
    - Touch **ECG X\_\_\_\_\_** to change the gain
    - Touch **ECG Lead** to change the Lead choice



## Interpretative 12 Lead

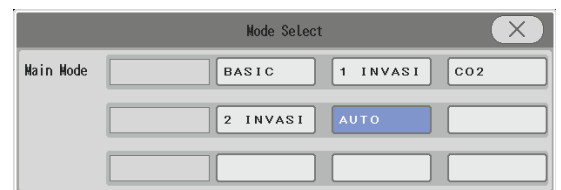
- Touch the **Mode** key at the top of the monitor. Choose 12 Lead. (You will need to use the 12 lead cable).

- ◆ Please refer to the **Invasive Lines, EtCO2 and 12 Lead Reference Guide** for further instructions.



## Invasive Lines

- Touch the **Mode** key at the top of the monitor.
- In the **"Mode Select Menu"** under **"Main Mode"** change the mode to: **AUTO, 1 Invasive or 2 Invasive etc...** The active mode will be highlighted in blue.
  - ◆ Please refer to the **Invasive Lines, EtCO2 and 12 Lead Reference Guide** for further instructions.



## 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** → **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**

