

IntelliVue Patient Monitor 6100/6300/6500 Quick Guide

Release R.0 onwards

Read the Instructions for Use before monitoring patients.




Note: Some functions described may be available as SmartKeys directly at the bottom of the main screen. All functions can also be accessed with the **Main Setup** key.


Turning the monitor on


Press the on/off switch on the monitor. The monitor performs a self test during which all lamps will light up and a tone will be sounded, and is then ready to use.


Setting up the measurements

The patient monitor acquires patient measurements using compatible devices, for example the Measurement Rack 6000*. Attach the measurement cables to the connectors of the devices as required:

- 1 Attach the ECG cable to the white connector, perform skin preparation, and attach the electrodes to the patient. 
- 2 Attach the SpO₂ cable to the blue connector, and the sensor to the patient. 
- 3 Select the correct NBP cuff size, connect it to the air tubing, and attach the NBP tubing to the red connector. 

- 4 Attach the pressure cable to the red connector and connect the pressure cable to the pressure transducer. 

- 5 Attach the Flexible Link cable of a compatible measurement device to the green connector. 

- 6 Attach the measurement link (MLink) cable to the measurement rack's left MLink connector (MLink 1) and the MLink connector at the patient monitor. 

* The Measurement Rack 6000 may not be available in all countries.

Using the touchscreen

The main method of operating your monitor is using the touchscreen. Almost every element on the Screen is interactive.

Tapping

To open a menu, select an item, or activate a key, tap with your finger. If you have opened multiple sub-menus, you can close them one at a time by tapping the area outside the open menus. To close all open menus, tap the **Screen** key.

Swiping

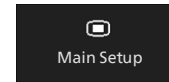
To scroll through lists, menus, and keys, swipe with one finger.

To switch to another Screen, swipe with two fingers across the Screen to pull it to the right or left, and display the next Screen.

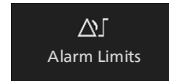
Accessing frequently used functions

SmartKeys are graphical keys, located in a row at the bottom of each screen. The SmartKeys give you fast access to often-used functions. The **More** key at the end of the row allows you to access more SmartKeys, if available.

Some examples of SmartKeys:



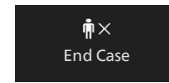
Main Setup – access to all setup windows



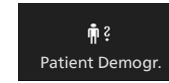
Alarm Limits – view the alarm limits for all measurements



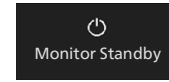
Vitals Trend – view previous vital signs, record or print vital signs



End Case – discharge the patient, print an end-case report (if configured) and enter the monitor into standby once confirmed



Patient Demographics – admit, discharge, and transfer patients



Monitor Standby – enter standby mode, suspend patient monitoring

Returning to main screen

To return to the main screen, tap the **Screen** key when it is blue:



Locking the touchscreen

Touch and hold the **Screen** key - a padlock symbol appears on the key. Touch and hold the key again, then confirm to unlock the touchscreen.

Automatic locking

If the touchscreen detects an operating problem, such as fluid on the screen or an unexpected type of contact, it will be locked automatically to prevent accidental operation.

Responding to alarms

There are three potential levels of alarms that the monitor will indicate as follows:

Low Priority Alarms: blue alarm lamp, blue alarm message on screen, low priority audible alarm signal.

Example: **NBP Interrupted**

Yellow Alarms: yellow alarm lamp, yellow alarm message on screen, medium priority audible alarm signal.

Example: **** SpO₂ 94<96**

Red Alarms: red alarm lamp, red alarm messages on screen, high priority audible alarm signal.

Example: ***** Asystole**

Acknowledging alarms

To acknowledge an alarm, tap the **Acknowledge** key.

This acknowledges the alarm and stops audible notification and alarm lamps.



Pausing and switching off alarms

If you want to pause or switch off all the monitor's alarming capabilities, select the **Pause Alarms** or **Alarms Off** key, depending on the monitor's configuration. Either select the pause time to confirm that alarms should be paused, or select **Yes** to confirm that alarms be switched off.

The alarms off lamp then lights and the corresponding message appears in the alarm status area. To switch the alarms back on, select the **Alarms On** key.



Changing alarm limits

To change the alarm limit of a measurement, select the measurement numeric on the screen. In the measurement's setup menu, select the limit you want to change, and select a new limit from the list.

Note: All alarm limits and settings are reset to the default after discharging a patient or changing the monitor profile. Depending on your configuration, the alarm limits and settings might also be reset after the monitor has been turned off more than one minute.

Switching measurement alarms on or off

To switch individual measurement alarms on or off, select the measurement numeric. In the measurement's setup menu, select **Alarms** to switch between on and off.

Adjusting the QRS tone volume

In the **Setup SpO₂** or the **Setup ECG** menu, select **QRS Volume** and set the appropriate QRS tone volume.

Managing NBP measurements

Select the NBP numeric on the screen to enter the setup menu.

Select **Start/Stop NBP** to start NBP measurements.

Select **Repeat Time** to change the frequency of automatic NBP measurements.

Select **Mode** to change to **Manual**, **Auto**, or **Sequence** mode.

Using Flexible Link measurements

The Flexible Link (FlexLink) connector provides a flexible interface for external devices with a digital interface. The FlexLink connectors on the IntelliVue Patient Monitors 6100, 6300, and 6500 allow direct connection of the following external measurement devices:

- Predictive Temperature module
- Medtronic Microstream CO₂ NanoPod

Setting up dual IBP

The integrated pressure measurement is a dual pressure measurement. With one pressure connector, two pressures can be measured.

To measure two pressures, you need a dual pressure cable or adapter. The two arms of the dual pressure cable are marked for identification with one ring and two rings. In the Measurement Selection window, the two pressure connectors are shown overlapping. When you select one of the labels, a symbol is displayed showing one bar or two bars, corresponding to the arm of the dual pressure cable that the pressure transducer is connected to.



Selecting a pressure label

Select the wave of the pressure line on the screen and select **Label**. A list will appear on the right. Select the new label.

Zeroing a pressure line

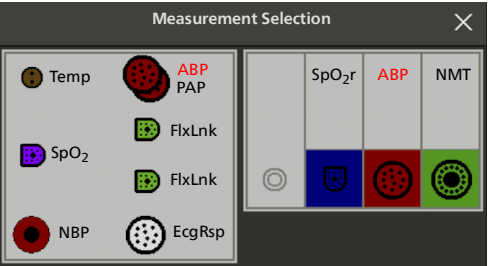
Close the pressure line stopcock to the patient and open to air. In the setup menu for the pressure, select **Zero <Press Label>**. Observe the monitor for a message that the line was zeroed.

Close the stopcock to air, open to patient; the numerical values for the pressure will appear beside the pressure wave.

Resolving label conflicts

Each measurement label, for example ABP and CVP for pressure, can only be used once. You cannot measure two pressures labeled ABP at the same time. Measurement labels are stored in the measurement device. If you try to use two measurement devices that have identical labels, this causes a label conflict in the monitor.

A new label conflict is shown by red question marks on the measurement selection key.



The **Measurement Selection** window opens automatically. To resolve a label conflict, you must change one of the labels.

You will see the two conflicting labels in red. The device most recently connected is deactivated (connector shown in gray). Select this device, then select the **Change Label** pop-up key. Select a different label for this device. The measurement will then be automatically activated and the conflict is resolved.

Managing patients

Admitting a patient manually

Select the patient name or **Not Admitted** at the top left of the monitor screen.

Now select the **Admit Patient** pop-up key at the bottom of the screen.

Enter all required patient data by selecting each field and using the keyboard, a barcode scanner, or pop-up lists to input information. Select the **Confirm** pop-up key, the patient's name should now appear on the gray monitor information line. Close the **Patient Demographics** window by selecting the X in the right upper corner of the window or select the **Screen** key.

Using "Find Patient"

You can use the **Find Patient** key to search for patient data in the Information Center and any connected hospital information system. You

can use **Find Patient** to search for, readmit, and transfer patients.

Discharging or transferring a patient

Select the patient name field, then select:

- **Discharge Patient**: to discharge the patient without printing any reports
- **End Case**: to discharge the patient with printing reports
- **Transfer**: to transfer a patient to another bed, or transfer a patient from another bed

Printing patient reports

Most patient reports can be printed by selecting **Main Setup > Reports**. Once the menu is displayed, simply select the name of the report required. It will then print the data from the time the report was requested.

Making recordings

There are two ways to record data using your monitor: paper recordings and electronic strip recordings. To quickstart any type of recording using a preconfigured recordings template:

- Select the **Recordings** SmartKey and then select the pop-up key of the recording type you want to start.

or

- Select the **Main Setup** key, select **Recordings**, then select the recording type.

To manually stop a recording, select the **Stop All Recording** pop-up key.

Obtaining further information

Your monitor Instructions for Use (IfU) contain important safety information. This Quick Guide is not intended as a replacement for the IfU; you must be familiar with the information in the IfU before you begin monitoring patients.

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