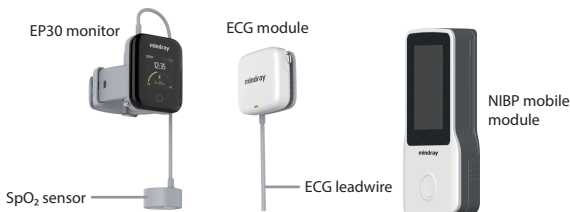


EP30 Wearable Patient Monitor

Quick Start Guide


Note: The quick start guide is not intended as a replacement of the Operator's Manual. Prior to operating the equipment, read the Operator's Manual carefully and follow the instructions to ensure the safety of the operator, patient and equipment.


Overview




Equipment Pairing and Network Connection

Pairing the EP30 Monitor with an ECG Module


- 


1 Connect the EP30 monitor with an SpO₂ sensor
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2 Connect the ECG module with the ECG leadwire.
- 

3 Place the front of the ECG sensor close to the center of the EP30 monitor screen until you hear a beep.


Pairing the EP30 Monitor with an NIBP Mobile Module


- 

1 Press the Power on/off key on the NIBP mobile module to turn on the module.
- 

2 Place the front of the NIBP module close to the center of the EP30 monitor screen until you hear a beep.

Pairing the EP30 Monitor with an ePM Monitor

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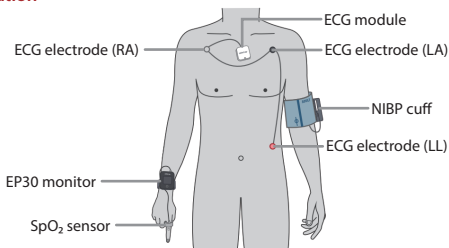
1 Insert the receiver to the module rack of the ePM monitor.
- 

2 Place the EP30 monitor close to the pairing area of the receiver until you hear a beep.

Connecting the Central Monitoring System (CMS)

Connect the ePM monitor to the CMS via Wi-Fi network. After being paired with the ePM monitor, the EP30 monitor obtains Wi-Fi connection with the CMS from the ePM monitor.

Patient Preparation



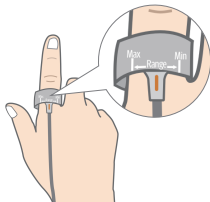
Wearing the EP30 Monitor

1. Install the monitor onto the connector of the SpO₂ sensor.
2. Wrap the wrist strap around the patient's wrist. Make sure the screen is facing out.
3. Adjust the strap to the patient's wrist and buckle up.

Applying the 512RS SpO₂ Sensor

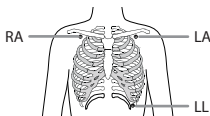
Apply the SpO₂ sensor on a finger on the same side of the wrist on which the monitor is worn.

1. Select an appropriate measurement site. The recommended measurement site is the root of the index finger.
2. Clean the application site and contact surface of the sensor. Remove dyes in the measurement site if needed.
3. Tear apart the Velcro strips of the SpO₂ sensor, slide the sensor over the patient's finger to the root, and adjust the position so that the cable is in the middle of the finger's back.
4. Press the two sides of the sensor gently to make the inner side of the sensor closely fit the patient's finger and then press the Velcro strips together.
5. Check the applied sensor and make sure it fits the patient's finger snugly but not too tight, and that the orange mark on the strip is within the marked "RANGE". If it is out of the range, remove the sensor, and re-place it on another finger.



Applying ECG Electrodes

1. Select application sites for the electrodes. Avoid bleeding or damaged skin. Then prepare the patient skin as instructed below:
 - Shave hair from skin at chosen electrode sites.
 - Gently rub skin surface at sites to remove dead skin cells.
 - Thoroughly cleanse the site with a mild soap and water solution.
 - Dry the skin completely before applying electrodes.
2. Place the electrodes on the prepared sites. Make sure that all electrodes have good skin contact.



- RA: just below the clavicle and near the right shoulder.
LA: just below the clavicle and near the left shoulder.
LL: below the lower left edge of the rib cage.

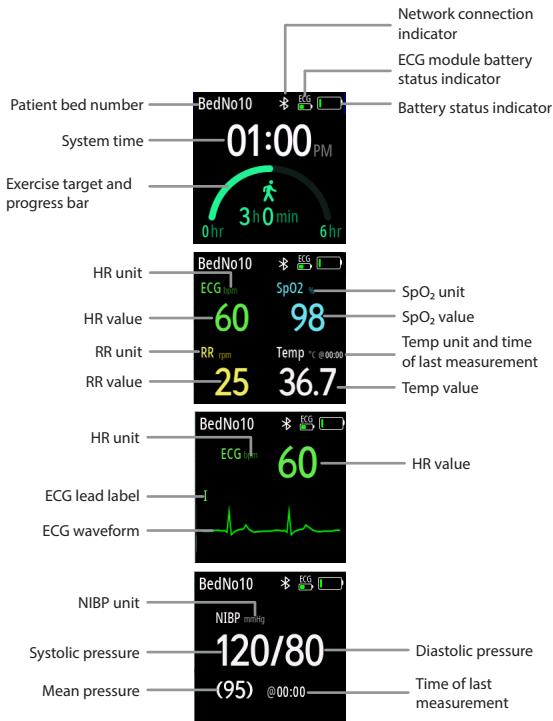
3. Install the ECG module into the connector of the ECG leadwire. Properly route the cables.

Placing the NIBP Cuff

1. Spread out the NIBP cuff, and then attach one end of NIBP cuff to the attached end.
2. Wear the NIBP cuff on the patient's arm.
3. Adjust the position of the cuff and make sure the middle of NIBP cuff is at the level of the right atrium of the heart.
4. Place the hanging bag with L (left arm) or R (right arm) mark facing up.
5. Make sure the ϕ marking on the cuff matches the artery location. The cuff should fit snugly, but with enough room for two fingers to be placed between the cuff and the patient's arm.
6. Adjust the cuff and make sure the cuff index line (INDEX LINE) falls within the range markings (RANGE) on the cuff.

Patient Monitoring

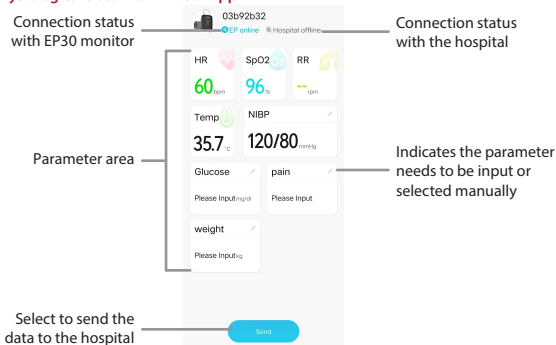
Viewing Monitoring Data



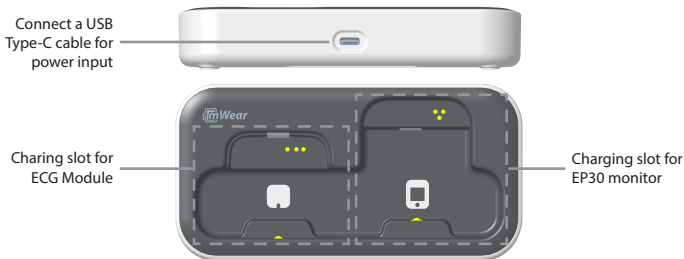
Performing Manual NIBP Measurement

1. Prepare the patient to the following position:
 - Comfortably seated
 - Legs uncrossed
 - Feet flat on the floor
 - Back, arm and feet supported
2. Press the NIBP Start/Stop key on the front of the NIBP module.
3. Wait till the measurement is completed. The measurements are sent to the EP30 monitor automatically.

Managing Physiological Data with mWear App



Charging the Batteries of the EP30 monitor and NIBP module with C25 Charging Pod



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