

## BeneVision TM80

Telemetry Monitor

# More than telemetry



# More care, more confidence

BeneVision TM80 is a smart telemetry patient monitor. TM80 is small, powerful, durable and simple. Every detail of TM80 is designed to satisfy telemetry clinical needs. Moreover, TM80 makes it possible to care for ambulatory patients within a wireless network. In brief, TM80 can greatly improve the patient's safety, and your work efficiency.



The compact size and light weight provides better patient experience and greater compliance. Mindray Wireless Area Network (MWAN) technology makes ambulatory patient monitoring easier and safer. Controlling the TM80 at the bedside or central station streamlines your workflow and improves efficiency.

# Full features in a small form

Small in size, Durable in use



**3.5"** touch screen



**230g** light weight  
126 x 64 x 23 mm



**40h** runtime



**1.5m** drop tested



**IPX7** fluid ingress  
protection



Compatible with **49+**  
leading cleaning agents

# Powerful performance

3/5/6- lead ECG/ HR/ST/QT/Arrhythmia, Respiration, SpO<sub>2</sub>, NIBP

## ECG

- 3/5/6-lead ECG
- Multi-lead sync calculation
- 25 arrhythmia types
- ST/ST Template
- Real time QT/QTc

## Respiration

- Impedance algorithm

## SpO<sub>2</sub>

- Plug & play SpO<sub>2</sub> module
- Perfusion Index
- Washable SpO<sub>2</sub> sensor

## NIBP

- ABPM mode
- 500 measurement review
- Wireless pairing to TM80
- Washable cuff





# Robust wireless technology for enhanced patient safety

Ambulatory patient monitoring demands real-time, continuous patient data, meaning the wireless connection has to be reliable and robust. Mindray has developed MWAN-industry-leading wireless technology to reduce connection drop-outs to a minimum and ensure patients are always monitored and safer than ever.

When TM80 connects to hospital data infrastructure via Wi-Fi

## Uninterrupted monitoring

MWAN can reduce possible interference and provide uninterrupted patients' cardiac waveform, while allowing patients to stay in wards or move about.



## Outstanding real time waveforms

MWAN technology deals with latency and provides a robust solution to help clinicians respond to events quickly.



## Seamless roaming between multiple access points for ambulatory

MWAN technology enable roaming time to 100ms which is 1/5 of industry standard. No waveform interruption occur during transportation.



When patient moves out of the wifi coverage



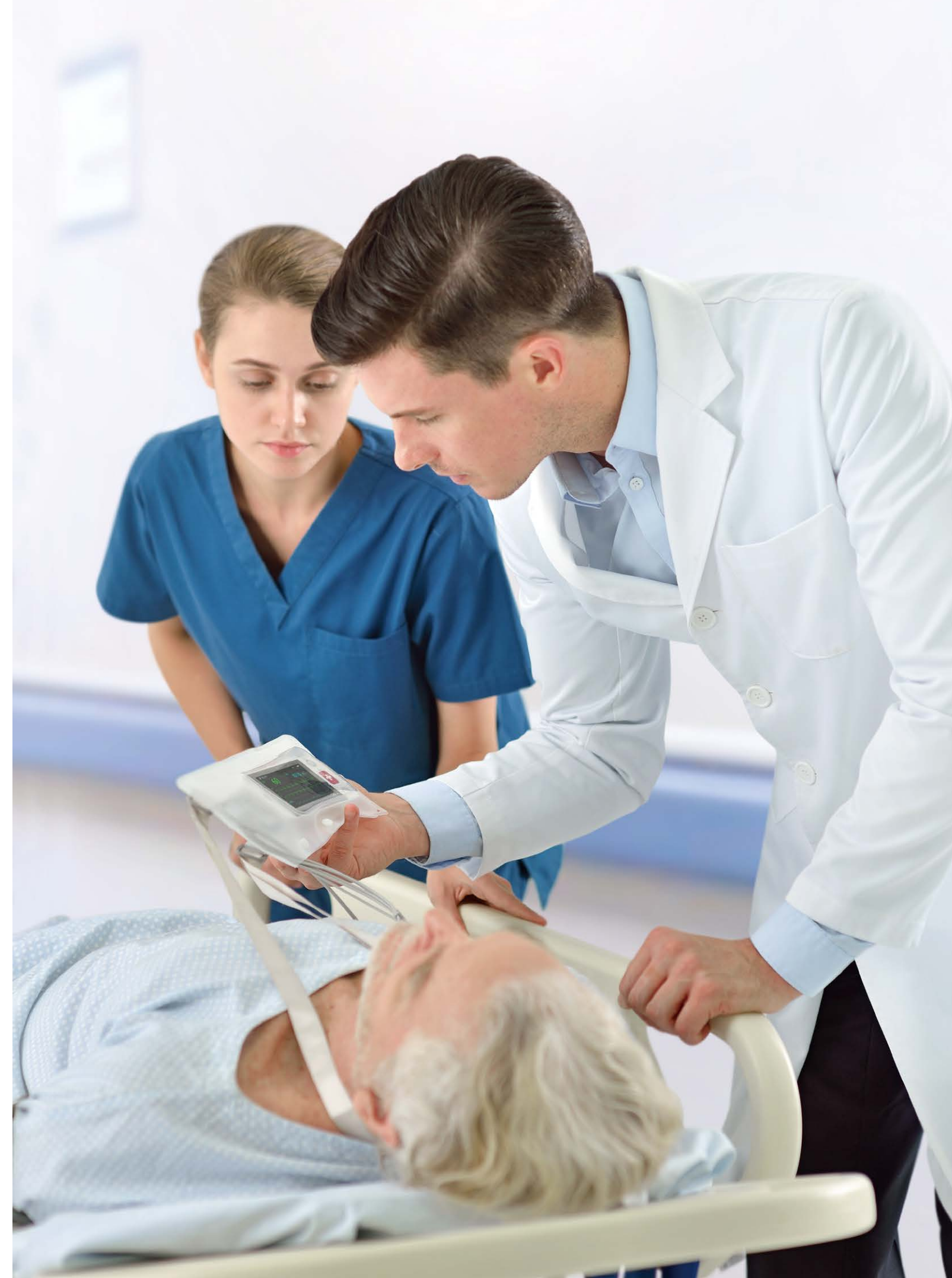
## Enhance patient safety

TM80 provides real-time waveforms and alarms on the device. The full colour display lets you see your patient's current waveform.



## Seamless data capture

TM80 can record up to 200 events, 48 hours of trend data and 2 hours of full disclosure waveforms. When patient goes back in, TM80 will backfill to the Central Station, ensuring there is no gap in patient data.



\*\*MWAN technology which is based on IEEE 802.11 a/b/g/n/ac protocol supports dual band Wi-fi(2.4G/5G).

# Streamline your workflow

## Precise fingertip control

Longer ECG waveforms in landscape display help doctors with QRS complex analysis. Bigger numbers in portrait display help nurses (and even patients) read the values.



Landscape and portrait display mode, easy to read.



3.5" capacitive screen, operating like a phone, easy to learn.

## Flexible Control

Bi-directional communication between the TM80 and Central Station could streamline your workflow, save your time and improve clinical efficiency. You can operate many functions, such as entering location information, alarm setting/pause/reset and data review at bedside on TM80.

## Device location

Locate patients and be alerted if they travel out of range

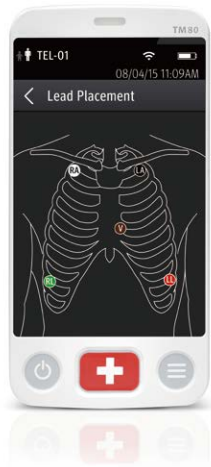
Mobile patients may walk anywhere in the hospital and it is not always easy to find them. The TM80 can help caregivers to locate patients quickly and can also provide alerts if any patients go out of the defined network range.

Locate and find lost devices

Hospitals typically lose 10 to 20 percent of their telemetry devices each year. Device location could help hospitals to find devices and so contain equipment costs.



Flick up to display more waveforms and parameters. Customizable display order of waveforms.



ECG lead-off guide, helps nurse locate the lead that is not properly connected.

