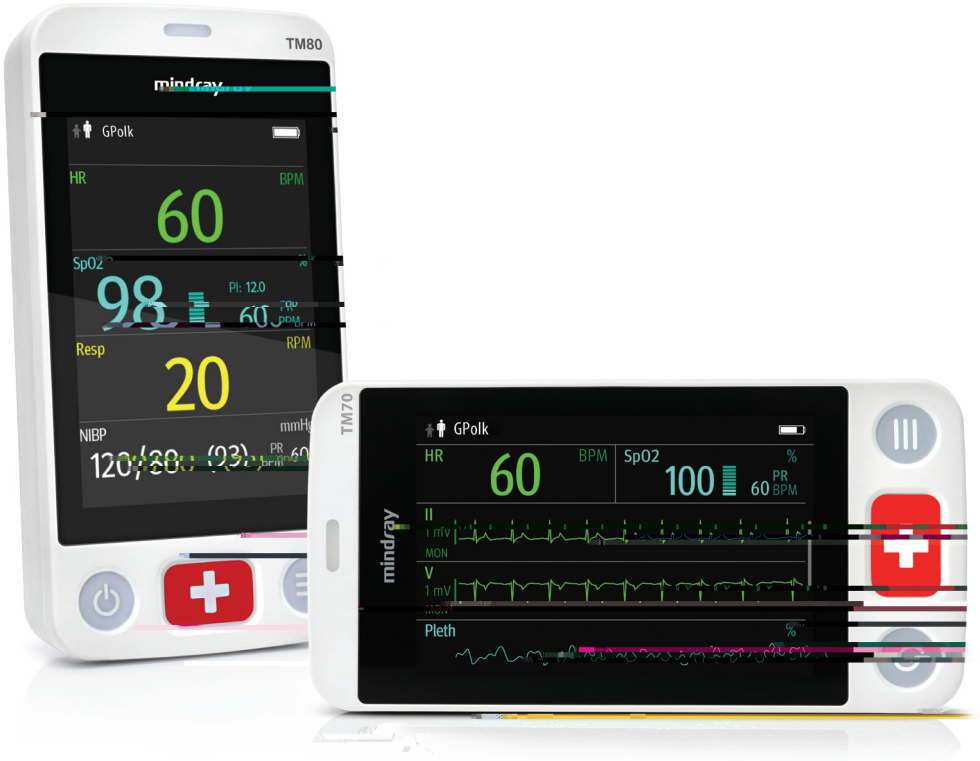
See more. With ease

BeneVision TM70/TM80

TELEMETRY TRANSMITTERS



Flexibility in Ambulatory Monitoring for Your Patient's Complete Care Path

mindray

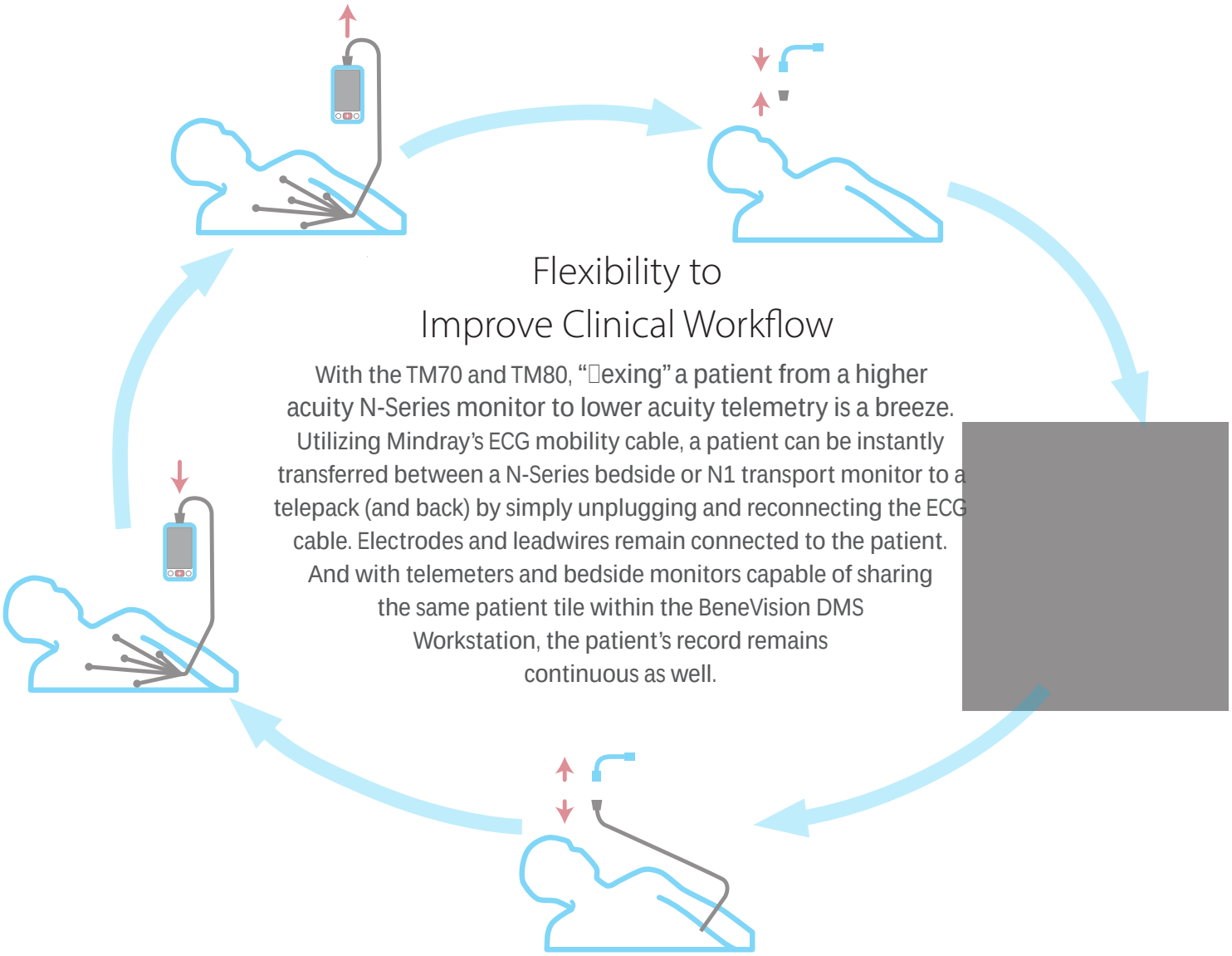
BeneVision TM70/TM80

TELEMETRY TRANSMITTERS

The BeneVision Distributed Monitoring System (DMS) is a flexible and scalable solution capable of providing coverage across all care areas and patient acuity levels. Our industry-leading telemetry transmitters, BeneVision TM70/TM80, can continuously monitor ambulating patients throughout your facility. Supported parameters of respiration, SpO_2 (Masimo SET® with RD Sensors or Nellcor™ OxiMax™) and ECG give clinicians immediate, real-time monitoring and alarm notifications aiding in the early detection of clinical deterioration regardless of patient location.

The Essentials and Then Some

TM70/TM80 telemetry transmitters provide the critical monitoring technology required, in an e□cient, compact design. The clear 3.5-inch touchscreen LCD displays 3, 5 or 6-lead* ECG, respiration, and SpO_2 waveforms and numerics at bedside or remotely at the BeneVision Distributed Monitoring System (including arrhythmia & ST/QT analysis). ADT integration can provide positive patient identi□cation with patient demographics at the telemeter. Power options include both single use (per patient) AA batteries and environmentally-friendly rechargeable lithium ion battery packs that address and reduce overall operation costs. Interacting with these telepacks comes easily; simply tap, drag or □ick the touchscreen display to perform the functions you need.



Flexibility to Improve Clinical Workflow

With the TM70 and TM80, "□exing" a patient from a higher acuity N-Series monitor to lower acuity telemetry is a breeze. Utilizing Mindray's ECG mobility cable, a patient can be instantly transferred between a N-Series bedside or N1 transport monitor to a telepack (and back) by simply unplugging and reconnecting the ECG cable. Electrodes and leadwires remain connected to the patient. And with telemeters and bedside monitors capable of sharing the same patient tile within the BeneVision DMS Workstation, the patient's record remains continuous as well.

BeneVision TM70/TM80 TELEMETRY TRANSMITTERS

Flexibility in Wireless Deployment

The TM70 telemeter operates in the licensed and FCC-protected Wireless Medical Telemetry Service (WMTS) spectrum, minimizing the potential for interference with non-medical WiFi networks. TM70 can be installed in any of the three WMTS bands (608-614 MHz, 1395-1400 MHz, 1427-1432 MHz), enabling it to e□ciently coexist with other devices using the WMTS spectrum, without interference.

TM80 leverages standard WiFi technologies enabling the deployment of telemeters across large coverage areas. Mindray's patient monitors and TM80 telemeters can share the same wireless infrastructure, simplifying installation and greatly reducing deployment costs. The result – more beds monitored wirelessly and lower total cost of ownership.

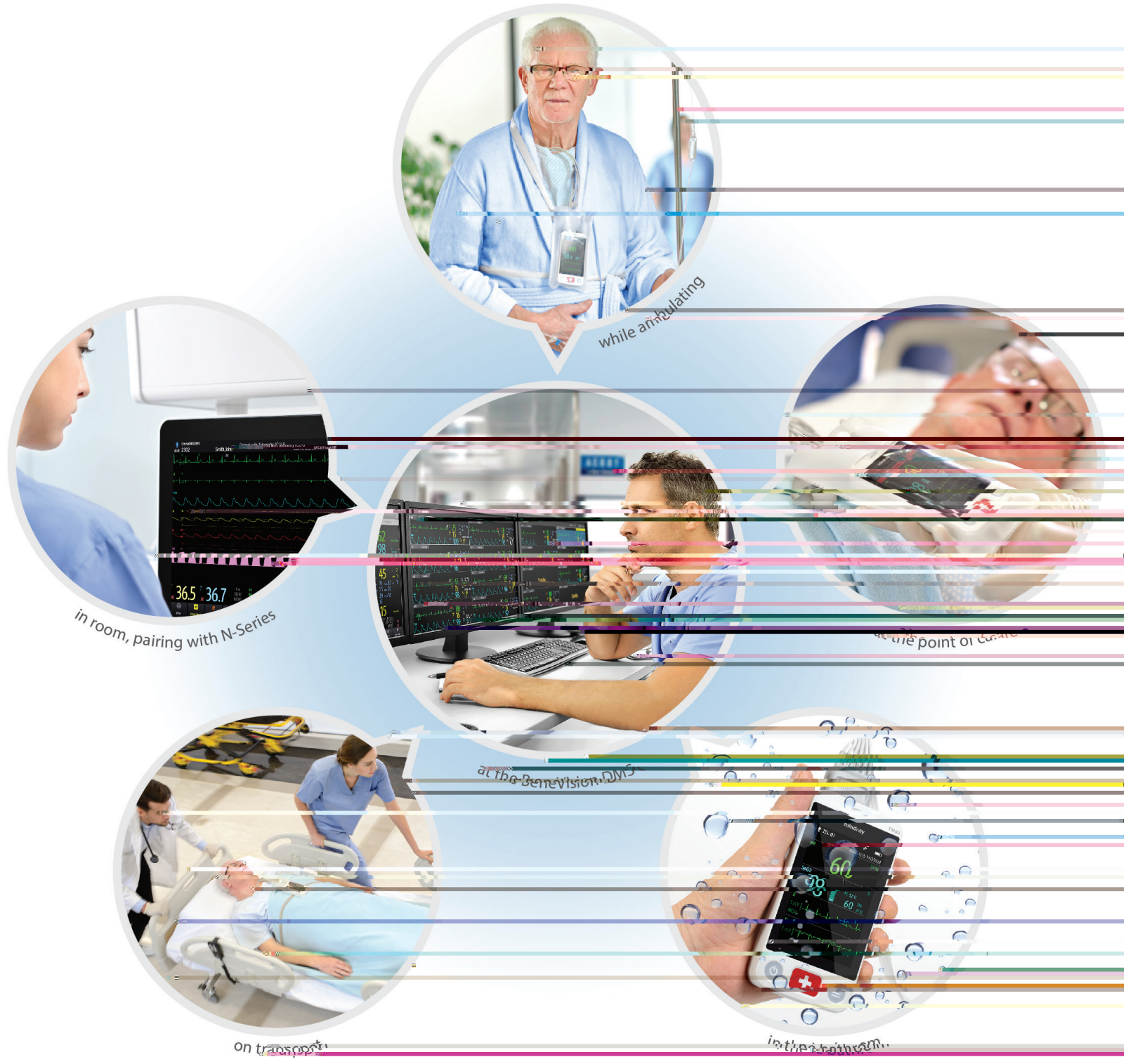
Patient Data Across and Beyond the Enterprise

As a key component of the BeneVision DMS, TM70/TM80 telemeters support access to information anywhere. Real-time patient data is accessible throughout the hospital – at point of care (via the onboard display), at a centralized monitoring station (via BeneVision DMS WorkStations), on a laptop (via the BeneVision CMS Viewer application) or even remotely on a smartphone or other mobile device (using the CMS Mobile App). The possibilities go as far as your needs do.

Tough Enough for Your Toughest Patient Setting

While maintaining their compact and lightweight character, TM70/TM80 also deliver the critical characteristics of ruggedness and reliability. With an IPX7 waterproof rating and certi□ed for 1.5 meter drops, these telepacks are designed to be tough. The housing is constructed with chemically-resistant plastics that are compatible with the broadest range of commercially available cleaning and disinfecting solutions in our industry. TM70/TM80 are manufactured to withstand the harsh, ambulatory care environment.

Innovative Ambulatory Monitoring You Can Rely On Throughout the Care Path



Essential Point of Care Access

TM70/TM80 are lightweight, wearable patient monitors with a 3.5-inch touchscreen LCD that provides real-time physiological alarms, tabular trends, events and waveform snippets directly at the patient's side. This dramatically enhances clinical work□ow, empowering healthcare providers with immediate information for more informed decision-making. With an on-board display, TM70 and TM80 provide a distinct advantage to clinicians at the bedside; they enable immediate observation of any change in vital signs that could be signi□cant, rather than relying solely on data presented at the centralized monitoring station.

Data Within Reach

TM70/TM80 allow clinicians to review 200 events with waveform snippets and 48 hours of tabular trends. TM70, maintains gap-free protection with retries in the event of signal dropo□. The TM80 WiFi bandwidth provides the added bene□t of 2 hours of data back□ll.

One Device, Three Applications

With on-board arrhythmia and built-in bidirectional wireless capability, BeneVision telemeters provide adaptable functionality to optimally monitor your patients as they progress toward a return to health.

1. **As a Sensor:** Paired to a BeneVision N-Series monitor, the telepacks act as a front-end ECG, SpO_2, HR, and Respiration sensor simultaneously transmitting data to an in-room monitor for display, to the centralized monitoring station and to all deployed remote viewing applications.

2. **As a Wearable Patient Monitor:** During ambulation and transport, these telemeters provide continuous surveillance with on-board arrythmia detection and local alarms.

3. **As a Telepack:** The 3.5-inch touchscreen display provides immediate review of essential patient data at bedside.

Favorable Total Cost of Ownership

Mindray is committed to arming you with solutions that drive positive patient outcomes, while also bringing high value to your organization's bottom line. With the ability to integrate to an existing network infrastructure (TM80), free of any recurring annual licensing fees, and with built-in features to reduce equipment loss such as device locator and "Find Telepack," BeneVision telemetry limits operating and maintenance costs, thereby adding long-term value to your capital infrastructure. Additionally, by utilizing universal and common IT components and providing customers credit for historical acquisitions, Mindray supports future expansions at a fraction of the cost of others.

healthcare within reach

Mindray is a leading developer, manufacturer and supplier of medical device solutions and technologies used in healthcare facilities around the globe. We believe we can change lives by making the most advanced healthcare technology attainable for all. We do this by empowering healthcare professionals through innovative, high-value solutions that help create the next generation of life-saving tools across patient monitoring, anesthesia delivery and ultrasound imaging.

We are creating innovative, disruptive and game-changing products and partnerships, shaping a new conversation for healthcare providers across North America. We work with thousands of healthcare providers day-to-day to drive the development and implementation of smarter technology – solutions that are simple and a□ordable, easy to adapt, and return bottom line results and meaningful outcomes. Together, we are creating a higher standard for healthcare.

Mindray North America is headquartered in Mahwah, New Jersey. Our Ultrasound Innovation Center is located in San Jose, California with additional facilities in Nashville, Tennessee and Seattle, Washington.

trustworthy

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