



Wearable Patient Monitor

Infinite care with every step



P/N:ENG-mWear-210285X8P-20221021
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73%

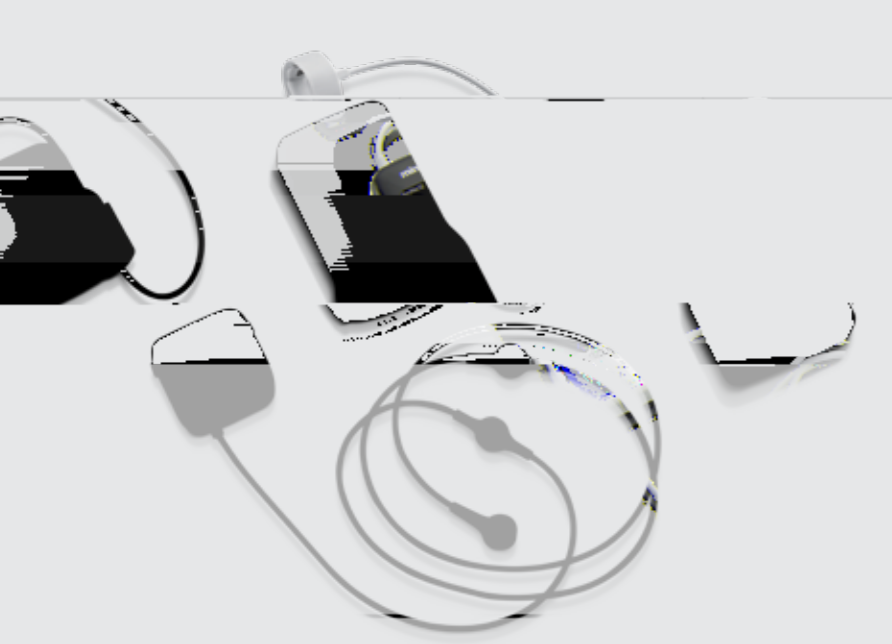
73% of 1855 patients who died before hospital discharge were not admitted to critical care at any stage after surgery^[1].

Wearable devices provide a safer and more comfortable monitoring experience but their accuracy and usability of wearable devices and the reliability and security of wireless signal transmission can bring great challenges to clinical application^[2].

To meet these challenges Mindray has developed the mWear* wearable patient monitor. With simple clinical application in multiple scenarios, mWear provides accurate, comprehensive monitoring data.

Medical-Grade Wearable Monitoring

A refined design and medical-grade algorithm give mWear the ability to enhance patient safety.



Comfortable to wear
Complete interconnectivity



IP22 Waterproof
Resistant to 48 kinds of disinfectants



Multi-parameter monitoring
Innovative health parameters



Normal hand movement with
greater comfort

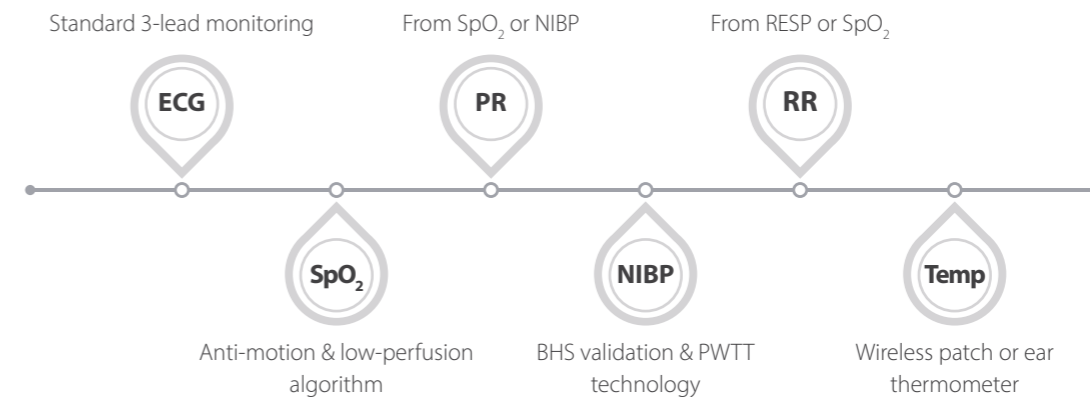
[1] Pearse R M, Rui P M, Bauer P, et al. Mortality after surgery in Europe: a 7 day cohort study[J]. Lancet, 2012, 380(9847): 1059-1065.

[2] CORDIS. <https://cordis.europa.eu/article/id/435820-wearable-sensors-improve-care-for-vulnerable-patients>

* Including EP30, ES30 and BP20.

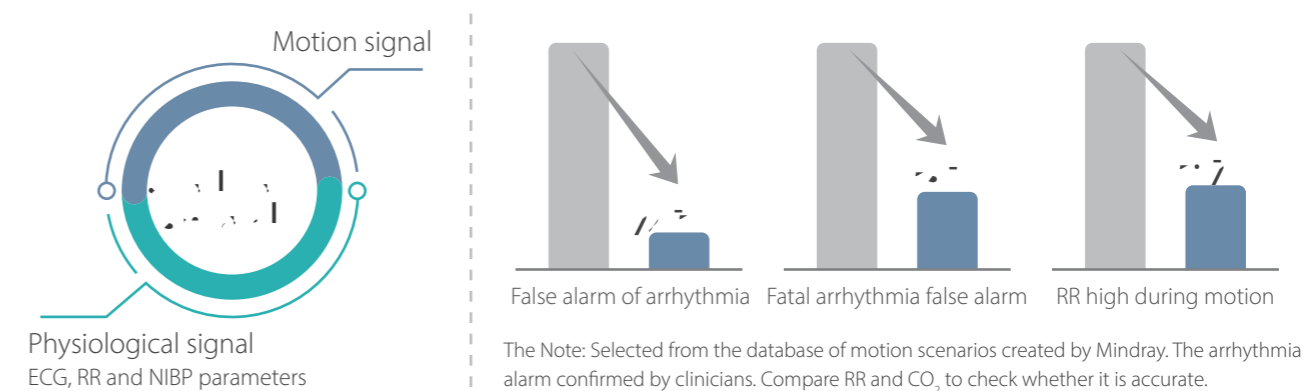
Accurate and Reliable Multi-Parameter Monitoring

Backed by years of successful research and development, Mindray provides accurate and reliable multi-parameter monitoring for clinical teams.



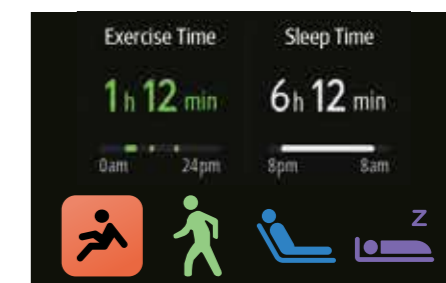
Anti-Motion Algorithm

Mindray's innovative patented technology^[3] improves the motion artefact performance of mWear to significantly increase parameter accuracy.



Health Parameter Monitoring

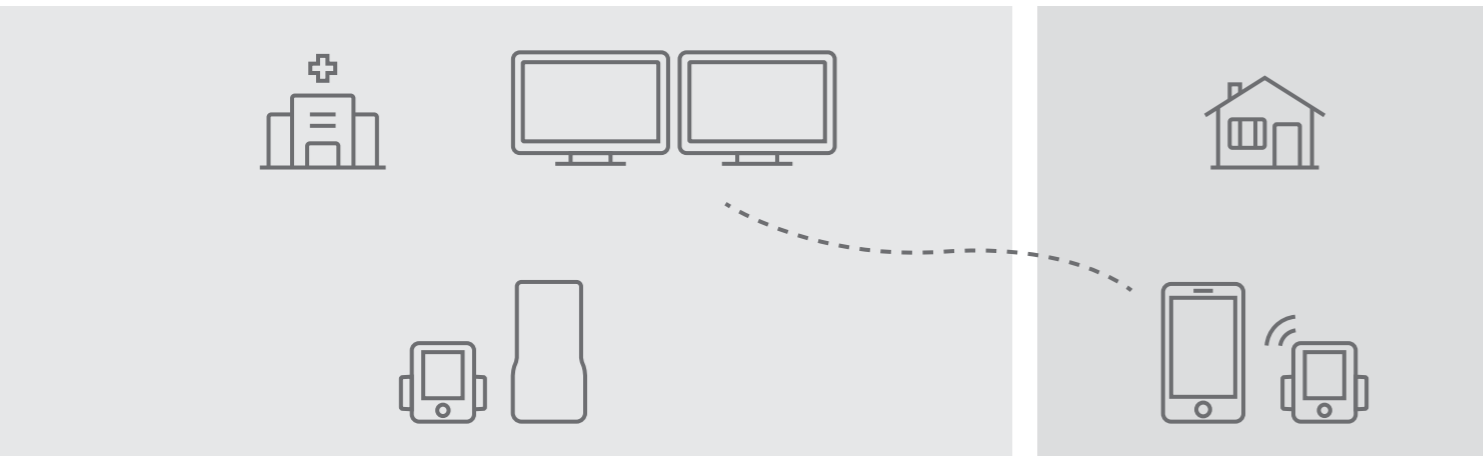
- Innovative health parameter: Specialised algorithm based on clinical evidence to monitor patient's exercise and sleep time
- Identify four patient statuses: Falls, exercise, sleep, and rest



[3] Technical algorithm patent No.: EP 18921425.7, PCT/CN2018/088982

Reliable and Accessible IT Solution

Mindray understands that data accuracy is important and requires a reliable and stable IT network. Extend your network through the mWear app so that patients are safely monitored at home. mWear uses the same centralised monitoring system whether the patient is in hospital or at home. All data can be seamlessly connected to the EPR.



Intelligent Device Location

- Device search: Use the central station to locate a device
- Electronic fence: When the wearable device exceeds the network range, the central monitoring system will beep

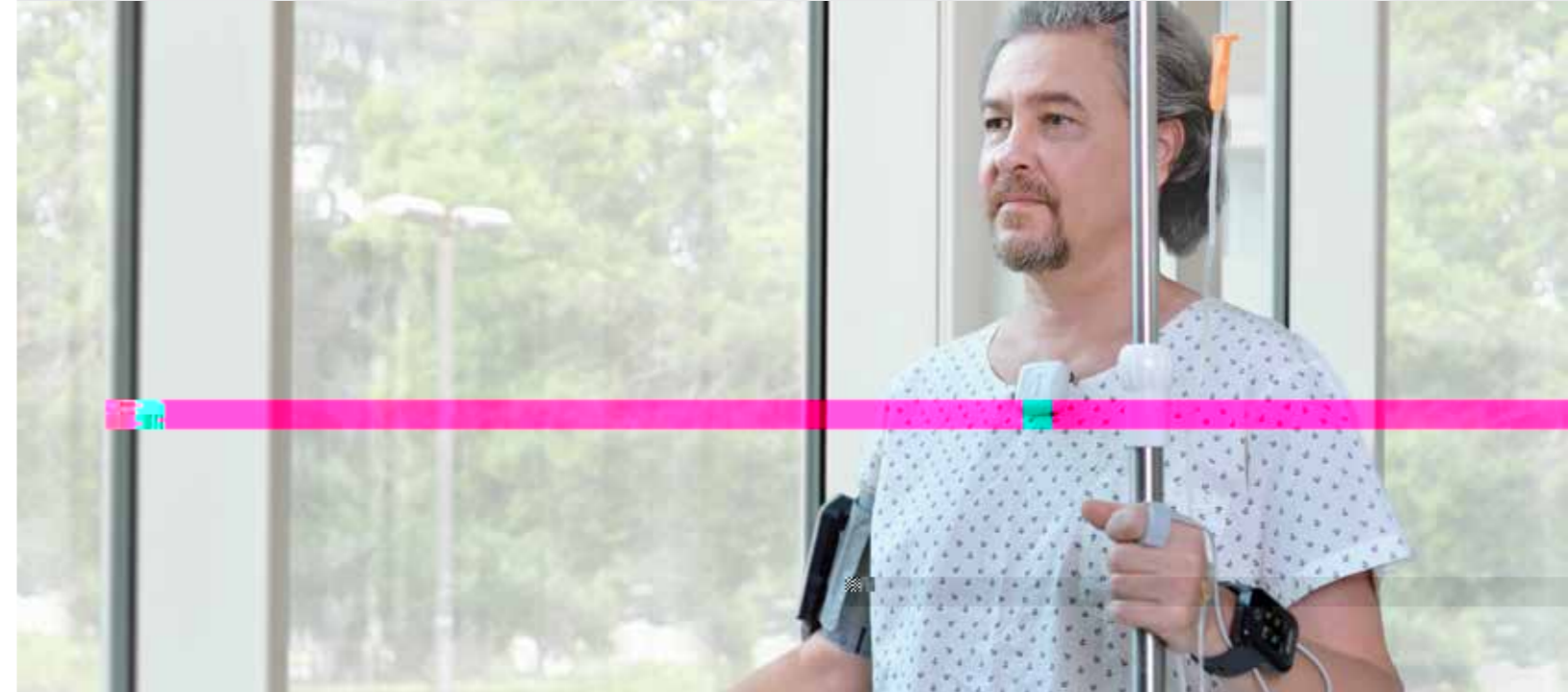


Home hospital application

- Dedicated app design
- App sends the data back to the central station in hospital for unified management of patient data in the ward.
- Independent charging pod

Collaboration

- Officially linked with iThermonitor® wireless temp patch
- Actively welcoming more partners to join the Mindray system



Reliable Signal Transmission

- Seamless roaming technology: Ensure the seamless connection and stable transmission of signals when switching between different patients.
- Secure encryption: mWear supports multiple WiFi encryption technologies to securely access a hospital network under the dedicated network environment. mWear adopts TKIP and AES encryption to ensure the security of signal transmission.

Accessible IT Solution

Mindray's IT solution provides patient-centric data collection. All data can be displayed, analysed, alarmed, reported and sent to the 3rd-party EPR via Mindray's standard interface for a more comprehensive picture of patient health.

