

**BeneVision MRI**

病人监护仪

核磁守护 安心无忧

MRI Protection – Peace of Mind



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Magnetic Resonance Imaging (MRI) is a vital tool in clinical diagnosis, playing a particularly critical role for critically ill neurological patients, those requiring cardiovascular assessment and multi-organ monitoring, and patients undergoing MRI-guided neurosurgery.

However, the strong magnetic and radiofrequency fields associated with MRI equipment restrict the use of standard monitoring devices, potentially creating a dilemma between diagnostic needs and patient safety.

These monitors are designed for use in 1.5T and 3.0T MRI environments, supporting the monitoring of vital signs required for both routine and intraoperative MRI procedures. Suitable for adult, pediatric, and neonatal patients, they ensure comprehensive safety during medical imaging diagnostics.



15.6-inch HD capacitive touchscreen, 1920 × 1080 pixel resolution



Supports monitoring of ECG, SpO2, PR, PI, NIBP, 2-TEMP, 2-IBP, and AG.



The console battery offers a maximum battery life of 8 hours.



The main unit can withstand a maximum magnetic field strength of 20 mT.



Supports storage and review of 120 hours of trend data, 1,000 events, and 24 hours of full-disclosure waveforms for two ECG channels.

## Wireless MRI parameter monitoring module: efficient, seamless, and time- and labor-saving.

- Wireless module withstands magnetic field strengths up to 3.0T
- Mindray 4-lead synchronous ECG algorithm ensures accurate ECG monitoring
- Mindray SpO2 module technology utilizes fiber-optic sensors and offers silicone finger cots suitable for adult, pediatric, and neonatal patients
- Module battery provides up to 12 hours of runtime, meeting the needs of long-duration surgeries
- Supports charging in the host unit's dock or rapid battery swapping for flexible power management
- Intelligent wireless connection to the host unit upon startup requires no manual intervention, saving time and increasing efficiency
- IPX2 water-resistance rating; passes drop tests from 1.5 meters on all six sides



## Technological breakthrough enabling MRI compatibility—use with greater peace of mind in MRI environments.



### Intelligent magnetic field sensing technology

Real-time monitoring of ambient magnetic field strength, with audio-visual alarms indicating the safe operating distance.



### Innovative Handbrake Design Automatic Braking for Enhanced Safety

Moving away from traditional foot-operated brakes, the system automatically engages the brake when the handbrake is released—offering simple operation and worry-free safety.



### Automatic magnetic field filtering and switching More precise monitoring

Automatic magnetic field mode switching reduces false alarms caused by strong magnetic fields and avoids unnecessary interventions during the examination.

## MRI multi-device data fusion based on central station makes data management more efficient

### Centralized management and integration of data from multiple devices

Enables medical staff to gain a comprehensive overview of the patient's condition, providing greater peace of mind.

### Remote control of bedside equipment from a central station

A single terminal centrally controls MRI-compatible monitoring and infusion systems, eliminating the need for medical staff to remain in the MRI room for extended periods or enter and exit frequently.

