BIS™ Advance monitor

Perfecting your art. Advancing patient care.

Make a difference in post-anesthesia outcomes
Easy to use. Easy to configure.

The completely redesigned BIS™ Advance monitor gives you:

- A large, high-resolution, touchscreen monitor that’s simple to read
- Configurable data and settings so you can see just the information you want
- Color-coordinated data to quickly review readings
- The ability to track total suppression time detected during the procedure
- Built-in troubleshooting guides with information on clinical parameters and data significance

Now, using BIS™ monitoring makes personalizing anesthesia easier than ever.
Personalize anesthesia. Improve outcomes.\textsuperscript{1-4}

You want the best outcomes for your patients, so delivering just the right dose of anesthetic agent for each patient is your mission, your art. To achieve it, you need the right information at the right time.

BIS\textsuperscript{™} Advance monitoring empowers you by accurately reflecting the anesthetic effect on your patient’s brain, allowing you to personalize dosing to:

- Improve emergence and recovery times\textsuperscript{1-4}
- Reduce postoperative delirium up to 29\%\textsuperscript{5}

In high-risk surgeries such as trauma and cardiac surgery, 36-40\% of patients are affected by postoperative delirium.\textsuperscript{6}

Negative outcomes include dementia, loss of independence, death, and poor cognitive and functional outcomes.\textsuperscript{7}
The market leader in pEEG technology for depth of anesthesia monitoring.

Proven algorithm. Trusted insight.

With its validated algorithm, BIS™ technology provides meaningful insight so you can personalize dosing throughout a procedure. Studies show that using less anesthetic agent improves outcomes:

- When using TIVA anesthetic approach\(^1,8\)
- When following ERAS™ protocols\(^9,10\)
- In elderly patient populations at risk for postoperative neurocognitive disorders\(^5,11-14\)

In addition, brain monitoring is recommended in multiple society guidelines\(^15-19\).
Easy output. Easy to move.

The BIS™ Advance monitor is engineered to help make your workflow more efficient while giving you the insight you need.

- Save time with data output protocols that enable connectivity to electronic medical records (EMRs)
- Maintain continuous monitoring when moving between care settings

To request a full clinical demo of the BIS™ Advance monitor, contact your Medtronic representative.
The BIS™ monitoring system should not be used as the sole basis for diagnosis or therapy and is intended only as an adjunct in patient assessment. Reliance on the BIS™ monitoring system alone for intraoperative anesthetic management is not recommended.