

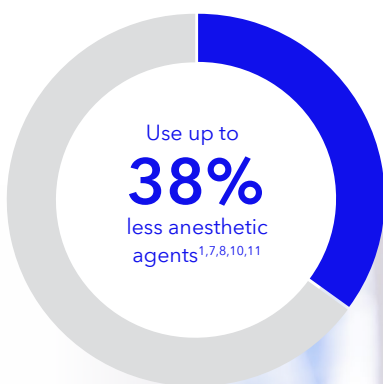
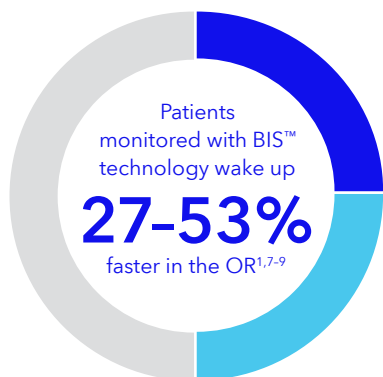
BIS™ Advance monitor for TIVA

Perfecting your art. Advancing patient care.

Make a difference in post-TIVA outcomes



Personalize TIVA dosing. Improve outcomes.¹⁻⁴



There are several potential advantages to total intravenous anesthesia (TIVA). But using only routine monitoring during TIVA may increase the risk of unintended awareness^{1,2,5} or excessively deep anesthesia.¹⁻⁴

In order to personalize your propofol dosing based on the individual needs of each patient, you need a direct measurement of the propofol effect on your patient's brain. BIS™ 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 times¹⁻⁴
- Reduce postoperative delirium up to 29%⁶



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

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,^{1,5} when following ERAS™* protocols,^{12,13} and in elderly patient populations at risk for postoperative neurocognitive disorders.^{6,14-17} In addition, brain monitoring is recommended in multiple society guidelines.¹⁸⁻²²

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.

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