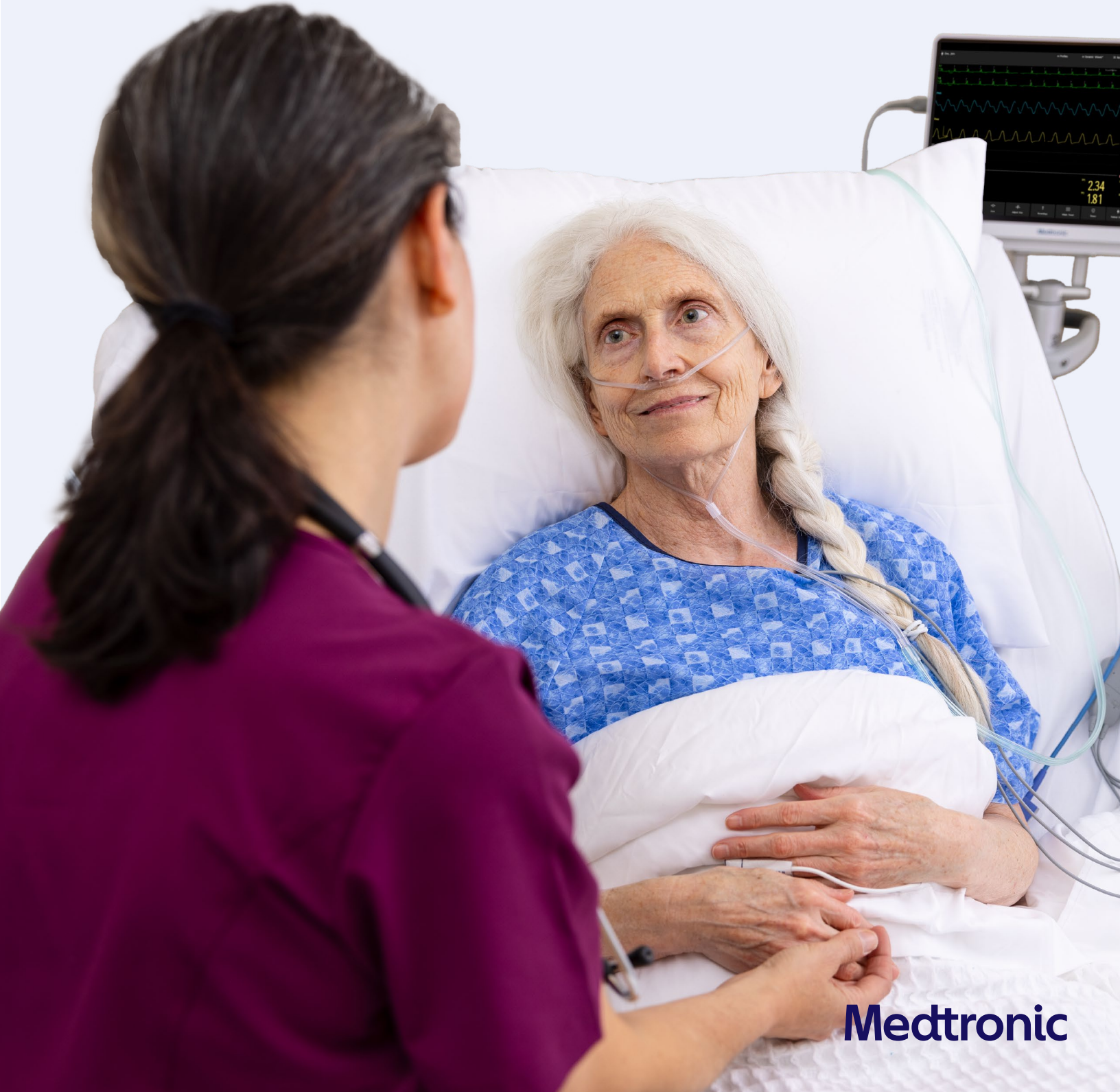
BIS™ Advance monitor

Perfecting your art. Advancing patient care.

ERAS™* guidelines help optimize outcomes[1,2]

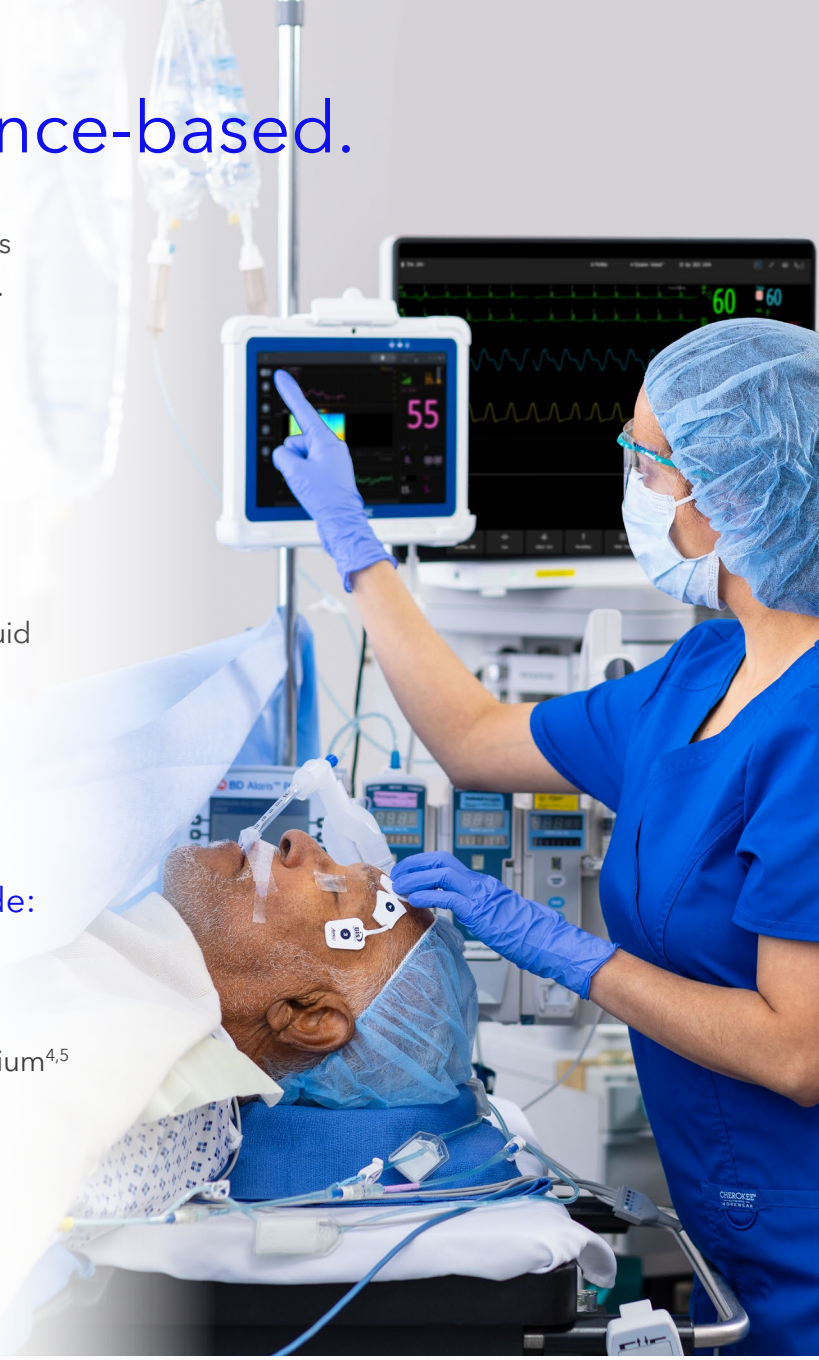


Medtronic

New paradigm. Evidence-based.

You want the best possible outcomes for your patients during and after surgery. It's your mission. It's your art. A new paradigm called Enhanced Recovery After Surgery™* (ERAS™*) provides multiple evidence-based guidelines that can help you maximize patients' health before, during, and after surgery.[1,2]

One of the key ERAS™* protocols is an evidence-based approach to fluid management throughout the perioperative journey. This includes encouraging oral fluid intake and discontinuing IV fluids as soon as possible.[3] Other tenets of the multi-modal ERAS™* guidelines include minimizing opioid pain management and encouraging early mobility post surgery.[1]



ERAS™* associated improved outcomes include:

- Shorter length of stay[2]
- Fewer complications[2]
- Earlier return of gastrointestinal function[2]
- Reduced costs[2]
- Lower incidence of postoperative delirium[4,5]

All without higher readmission or mortality rates[2]

BIS™ technology

The market leader in processed EEG solution for depth of anesthesia

Studies show that using less anesthetic agent improves outcomes:

- When using TIVA anesthetic approach[6,7]
- When following ERAS™* protocols[2,5]
- In elderly patient populations at risk for postoperative neurocognitive disorders[8-12] (brain monitoring is recommended in multiple society guidelines[1,13-16])

Personalize anesthesia. Improve outcomes.

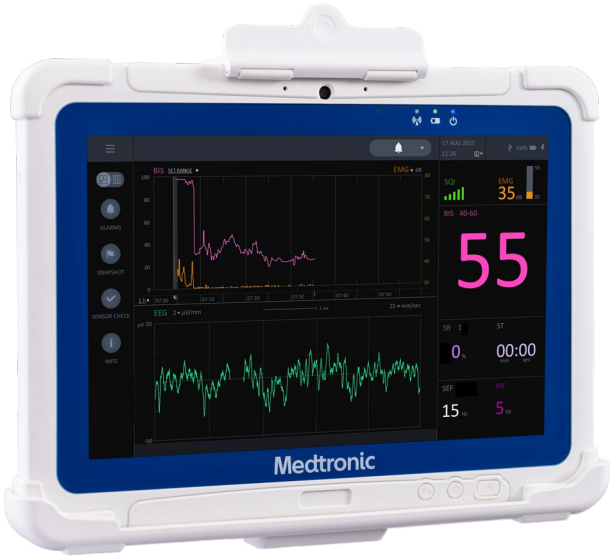
Many of ERAS™* Society guidelines recommend using anesthetic depth monitoring, namely Bispectral Index™ (BIS™) monitoring, to avoid complications associated with too much or too little anesthesia.[1] With its validated algorithm, BIS™ monitoring accurately reflects the anesthetic effect on your patient's brain, empowering you to personalize dosing.

- Reduce primary anesthetic delivery by as much as 38%[6,8,17,18]
- Improve emergence and recovery times[6, 17, 19, 20]
- Promote faster wake-up, recovery, and discharge from the PACU[21]
- Reduce postoperative delirium up to 29%[8-12]

BIS™ Advance monitor

Easy to use. Easy to configure.

With a simple, configurable interface, the next-generation BIS™ Advance monitor is engineered to help make your workflow more efficient and help optimize anesthesia dosing to improve patient outcomes. The completely redesigned BIS™ Advance monitor gives you:



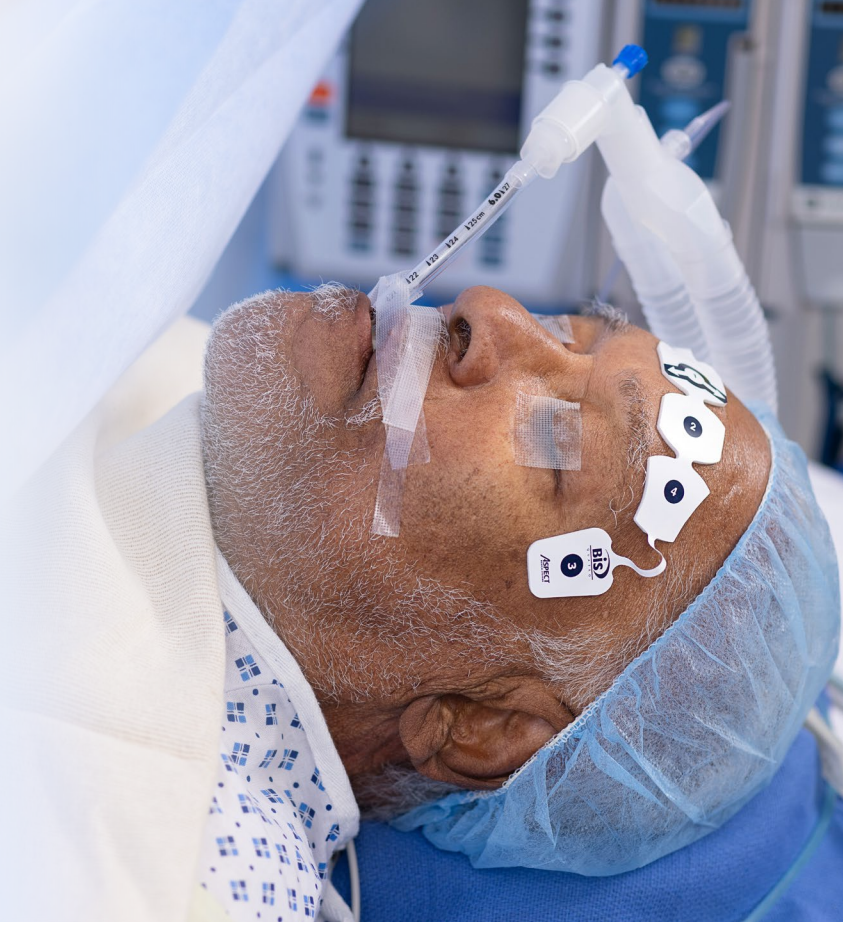
- A large, high-resolution, touchscreen monitor that's simple to read
- Configurable data and settings so you can see just the information you want
- Color-coordinated data to quickly review readings
- The ability to track total suppression time detected during the procedure
- Built-in troubleshooting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

To request a full clinical demo of the BIS™ Advance monitor, contact your Medtronic representative.

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



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 monitoring system alone for intraoperative anesthetic management is not recommended.

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