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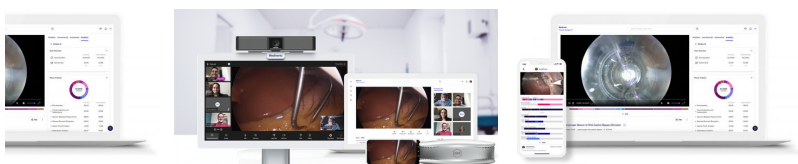
# Medtronic sets new standard with Live Stream technology and new AI analysis for laparoscopic and robotic-assisted procedures

- Medtronic launches 14 new Performance Insights algorithms, boosting AI analytics in expanded range of laparoscopic and robotic-assisted surgical procedures
- Touch Surgery™ Live Stream also launching, allowing remote observation and improved surgical training opportunities
- New launches broaden the capabilities of Medtronic's Touch Surgery™ Ecosystem, connecting the technologies in and out of the operating theatre, simplifying surgical workflow and deepening insights for performance improvement

Medtronic, a global leader in healthcare technology, today bolstered digital capabilities with the launch of new AI algorithms for post-operative analysis, providing AI surgical insights across laparoscopic and robotic-assisted surgery. This comes alongside the launch of Touch Surgery™ Live Stream, as Medtronic continues to integrate computing power in operating rooms globally. Live Stream and enhanced AI-driven Performance Insights become available through Medtronic's Touch Surgery™ Ecosystem of digital technologies, which also include surgical video, simulations, and case management solutions.

## Touch Surgery™ Performance Insights

Medtronic announced the introduction of 14 new AI-driven algorithms across surgical workflow, instrument, and anatomy detection to the Touch Surgery™ Performance Insights platform. These innovations expand the platform's capability to translate surgical videos into actionable insights post-procedure. By enabling detailed analysis of surgical techniques, Medtronic empowers surgeons to refine their skills and efficiency, learn from past surgeries, and share with others.



◀ The expanded analytics cover a comprehensive range of procedures, including laparoscopic cholecystectomy, laparoscopic sleeve gastrectomy and robotic-assisted hysterectomy, offering unprecedented



insights into performance metrics, workflow, anatomy identification, and instrument use.

### **Touch Surgery™ Live Stream**

Bringing remote, real-time observation to ORs in more than 20 countries, Touch Surgery™ Live Stream makes the secure live streaming of procedures possible, creating an immersive virtual learning environment with the benefits of being physically present. It aims to revolutionize the way surgical training is delivered by providing greater numbers of surgeons with access to expert techniques to minimize the need for a crowded operating theatre.

With Touch Surgery™ Live Stream surgeons, trainees, and OR managers can now conduct and attend live broadcasts, engaging in a hands-on educational experience through virtual coaching sessions, eliminating geographical barriers to democratize access to high-calibre surgical education.

For trainees, this will mean the ability to join a live broadcast to learn a new technique from an expert, as well as accessing follow-up training with a virtual coaching session.

“We continue to advance our digital ecosystem with a focus on seamless connectivity. We’re excited to now be connecting surgeons during operations, and connecting them with richer insights – all in a solution designed for them,” said George Murgatroyd, vice president and general manager, Digital Technologies within the Surgical business, which is part of the Medical Surgical Portfolio at Medtronic. “Medtronic has been putting technology into surgeons' hands for more than 60 years – and we're continuing this innovation with software and computing. We not only amplify surgical performance but also nurture a new generation of world-class surgical educators.”

### **About Medtronic**

Bold thinking. Bolder actions. We are Medtronic. Medtronic plc, headquartered in Dublin, Ireland, is the leading global healthcare technology company that boldly attacks the most challenging health problems facing humanity by searching out and finding solutions. Our Mission – to alleviate pain, restore health, and extend life – unites a global team of 95,000+ passionate people across 150 countries. Our technologies and therapies treat 70 health conditions and include cardiac devices, surgical robotics, insulin pumps, surgical tools, patient monitoring systems, and more. Powered by our diverse knowledge, insatiable curiosity, and desire to help all those who need it, we deliver innovative technologies that transform the lives of two people every second, every hour, every day. Expect more from us as we empower insight-driven care, experiences that put people first, and better outcomes for our world. In everything we do, we are engineering the extraordinary. For more information on Medtronic (NYSE:MDT), visit [www.Medtronic.com](http://www.Medtronic.com) and follow Medtronic on [LinkedIn](https://www.linkedin.com/company/medtronic).

**Any forward-looking statements are subject to risks and uncertainties such as those described in Medtronic's periodic reports on file with the U.S. Securities and Exchange Commission. Actual results may differ materially from anticipated results.**

Touch Surgery™ Live Stream and Performance Insights are **only** intended for education and training purposes.

### **Appendix:**

All procedures that are being added to Touch Surgery™ Performance Insights:

- Laparoscopic cholecystectomy
- Laparoscopic appendectomy

- Laparoscopic TAPP inguinal hernia repair
- Robotic TAPP inguinal hernia repair
- Laparoscopic sleeve gastrectomy
- Laparoscopic Roux-en-Y gastric bypass
- Laparoscopic right hemicolectomy
- Robotic-assisted total hysterectomy
- Robotic-assisted radical prostatectomy
- Robotic-assisted partial nephrectomy

<https://news.medtronic.com/Medtronic-sets-new-standard-with-Live-Stream-technology-and-new-AI-analysis-for-laparoscopic-and-robotic-assisted-procedures>