

India's Next Leap in Surgical Robotics: Meril Unveils Mizzo Endo 4000 – The Advanced Soft Tissue Robotic System

Category: Business

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In a landmark moment for Indian healthcare and global MedTech, Meril, one of India's leading medical device company, announced the launch of the Mizzo Endo 4000, a next-generation soft tissue surgical robotic system.



Mizzo Endo 4000 – The Advanced Soft Tissue Robotic System

This breakthrough innovation is set to redefine surgical precision and accessibility, while marking India's arrival as a global hub for advanced robotic surgery.



Benefits of Robotic-Assisted Surgery



Smaller Incisions

Minimal scarring & faster healing



Shorter Hospital Stay

Smaller, less painful cuts → earlier discharge



Reduced Blood Loss

Seals blood vessels → quicker recovery



Faster Recovery

Return to light activities in 1-2 weeks



Lower Risk of Infection

Minimal tissue trauma lowers infection risk



Less Post-Operative Pain

Smaller incisions = reduced discomfort



Greater Precision

High accuracy in hard-to-reach areas

*This content is for information and awareness purpose only. No material is intended to be a substitute for professional advice, diagnosis, or treatment. Always consult a qualified doctor for medical advice.

Benefits of Robotic Assisted Surgery

Reimagining the Future of Surgery

The Mizzo Endo 4000 is a versatile and future-ready platform engineered to support an extraordinary breadth of procedures across general, gynaecology, urology, thoracic, colorectal, bariatric, hepatobiliary, ENT, gastrointestinal, and oncology specialties.

At its core lies AI-powered 3D anatomical mapping, an open console design, and telesurgery capabilities enabled by 5G—all

working together to create a truly borderless surgical ecosystem.

For the first time, surgeons in India will be able to perform complex procedures remotely, in real time, supported by ultra-fast connectivity, advanced robotics, and immersive imaging. This means world-class expertise can reach patients even in the most underserved regions, fulfilling the promise of healthcare without boundaries.

Highlighting the significance of this launch, **Mr. Vivek Shah, CEO, Meril**, said, *"The Mizzo Endo 4000 is not just a technological advancement-it is a statement of intent." This system is designed to deliver safer, minimally invasive procedures with faster recovery and better outcomes for patients. In the coming years, we envision this innovation transforming surgical care across the country and positioning India as a global hub for MedTech. Our vision is to make advanced robotic surgery more accessible, scalable and transformative not only for India but for healthcare systems worldwide."*

Global-Grade Technology, Key innovations include:

- AI-Integrated 3D Reconstruction Software for real-time mapping and surgical planning.
- DICOM Viewing Technology for advanced pre-visualization and precise port placement.
- 5G-Powered Telesurgery & Remote Training enabling cross-border collaboration and execution.
- Universal Visit Cart adaptable across surgical modalities for seamless Operating room integration.
- Advanced Robotic Arms with Audio-Visual Feedback to support complex multi-quadrant procedures.

India Rising as a MedTech Powerhouse

Meril's announcement comes at a time when India is investing heavily in healthcare self-reliance and innovation leadership. With this launch, Meril strengthens its mission of "More to Life"-advancing healthcare not just for those who can afford it, but for all who need it.

Operating in **150+countries**, **45subsidiaries**, and **12 global academies**, Meril is already a name trusted worldwide. With the Mizzo Endo 4000, the company now cements its role as a front runner of accessible, world-class robotics from India to the world.

About Meril

Meril is a leading global medical device company headquartered in Vapi, Gujarat, dedicated to advancing healthcare through innovative, accessible, and high-quality solutions. Its diverse portfolio spans cardiovascular, orthopaedics, endosurgery, diagnostics, surgical robotics, ENT, and peripheral interventions. With deep investments in education, clinical science, and training, Meril empowers healthcare professionals and improves patient outcomes worldwide.

For more Information: www.merillife.com

