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Zimmer Biomet launches ROSAÂ® Knee with OptimiZeâ?¢ in India to advance personalised Robotic-Assisted Knee Replacement

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Technology combines customised surgical planning with new positioning



Zimmer Biomet Holdings, Inc., a global medical technology leader, has announced the launch of ROSA® Knee with OptimiZe™ in India, an enhanced version of its ROSA® Knee System designed to support personalised robotic-assisted total knee replacement surgery.

The technology combines customised surgical planning with new positioning, tracking and alignment features to help support accuracy and reduce user variability.

ROSA® Knee with OptimiZe™ features enhancements designed to support a more personalised surgical experience:

- OptimiZe Planning™: Creates customised surgical plans to guide implant positioning based on individual patient anatomy and the surgeon's knee-balancing preferences.
- OptimiZe Landmarking™: Uses a bone-painting feature to help reduce user landmarking variability.
- OptimiZe Tracking™: Uses motion-sensitive Active Track™ technology to eliminate the need to pin the Cut Guide to the bone, allowing bone resections to remain on plane even with leg movement.

Commenting on the launch, Ajay Bagga, Managing Director and Country Head, Zimmer India said, “Orthopaedic care is moving towards more personalized approaches, with technology creating new opportunities to support surgical decision-making and address individual patient needs. Our focus is on bringing technologies to India that support surgeons in tailoring care to individual patients. The launch of ROSA® Knee with OptimiZe™ reflects our continued commitment to advancing robotic-assisted surgery, with tools designed to support greater consistency in surgical planning and execution.”

ROSA Knee with OptimiZe™ also integrates with ZBEdge® Analytics, Zimmer Biomet’s data analytics platform, to provide surgeons with data-driven insights to support informed clinical decision-making.