

KIMS Sunshine Hospital Introduces Advanced Microscope Technology for Neurosurgery



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KIMS Sunshine Introduces Advanced Cobotic Microscope for Neurosurgery

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KIMS Sunshine Hospital, Begumpet, has introduced the advanced ZEISS KINEVO 900 robotic microscope, marking a major step forward in precision-driven neurosurgery. The cutting-edge system is expected to enhance surgical safety, accuracy, and outcomes in complex brain and spine procedures.

The KINEVO 900 combines robotics, high-definition imaging, and intelligent features to support surgeons during intricate operations. This approach, known as cobotics (collaborative robotics), allows surgeons to operate with improved precision and greater control.

Key features such as Point-Lock and Position Memory help maintain focus on delicate surgical areas, while the robotic arm ensures smooth and stable movements. This enables surgeons to work effectively in confined spaces and reduces fatigue during long procedures. The system also includes advanced imaging technologies like ICG fluorescence imaging, which allows real-time visualization of blood flow, especially useful in vascular neu-

rosurgery. Tumor fluorescence helps distinguish between tumor tissue and healthy brain tissue, aiding safer removal. With 3D and 4K visualization, the surgical team can observe procedures with exceptional clarity. The QEVO micro-inspection tool further enables viewing of hidden anatomical areas, improving surgical precision.

The facility was inaugurated by Dr. A. V. Gurava Reddy, Chairman of Sunshine Bone & Joint Institute and Managing Director of KIMS Sunshine Hospitals. A press meet was held at the hospital on Thursday.

Speaking on the occasion, Dr. Naveen Mehrotra, Senior Consultant Neurosurgeon, highlighted the transformative role of cobotic technology in improving patient outcomes. Dr. C. H. Gopal emphasized the importance of advanced imaging in diagnosis and treatment planning. Doctors including Dr. Mohana Shashank Deevi, Dr. Vinod Kumar, and Dr. Niveditha Sai Chandra also participated, sharing insights on adopting advanced technologies to deliver world-class patient care.

Hyderabad, Telangana Apr 17, 2026 ([IssueWire.com](https://www.issuewire.com)) - KIMS Sunshine Hospital, Begumpet, has introduced the ZEISS KINEVO 900 microscope system as part of its ongoing efforts to enhance medical technology and support neurosurgical procedures.

The system combines imaging and assistive features intended to aid surgeons during complex brain and spine surgeries. It includes high-definition visualization, 3D and 4K viewing capabilities, and tools designed to help observe anatomical structures more clearly.

According to the hospital, the technology incorporates features such as fluorescence imaging, which may assist in visualizing blood flow and differentiating between various tissue types during procedures. Additional functions are aimed at supporting precision and workflow efficiency in the operating room.

The facility inauguration was attended by Dr. A. V. Gurava Reddy, Chairman of Sunshine Bone & Joint Institute and Managing Director of KIMS Sunshine Hospitals. Medical professionals at the event shared perspectives on the role of advanced imaging systems in neurosurgery and patient care.

KIMS Sunshine Hospital stated that the introduction of this system reflects its continued focus on adopting modern medical technologies and supporting clinical practices.

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