BioSpectrum
the business of Bi
24 years of leveraging the business of Bio
www.biospectrumindia.co

SS Innovations unveils most advanced SSI Mantra 3 robotic surgery system

13 June 2024 | News

Makes history with India's first human telesurgery trial

Gurugram-based SS Innovations, the developer of India's first Indigenous surgical robotic system- SSI Mantra, dedicated to making advanced robotic surgeries cost-effective and accessible to a global population, has launched SSI Mantra 3, which is the next generation, most advanced version of the Mantra surgical robot system.

Alongside, it has achieved a historic feat in Indian medical science by completing the nation's maiden human trial in telesurgery, signifying a monumental leap in surgical robotics.

The new SSI Mantra 3 is highly advanced and is designed to enhance surgical precision, efficiency, and patient outcomes by integrating the latest advancements in robotic surgery, featuring 5 slimmer robotic arms and an immersive 3D HD headset which provides surgeons with unmatched optics and a vision cart that provides 3D 4K vision to the entire team for precision and control.

Additionally, the cost-effective pricing of SSI Mantra 3 aims to make advanced surgical technologies more accessible to healthcare institutions across all regions of India and the world.

In a momentous stride forward, SS Innovations has successfully conducted India's first human trial in telesurgery using the SSI Mantra Surgical Robot. This groundbreaking, flawless surgery was a robotic cholecystectomy that took place between the World Laparoscopy Hospital and the SSI Headquarters over a distance of 5 kilometresusing the seamless connectivity of Airtel's fiberoptic network with no perceptible delay. The telesurgery trial signifies a major step forward in providing quality healthcare to remote areas, further aligning with the Make in India initiative by showcasing Indigenous innovation on a global stage.

In a notable step forward, Dr Fredric Moll, widely regarded as the father of surgical robotics, and the visionary founder of Intuitive Surgical, has joined SS Innovations International Inc., as a Board Member and Vice Chairman. Dr Moll has been a pivotal force in advancing robotic surgery and contributed significantly to the development of various groundbreaking robotic technologies that have contributed to the evolution of robotics in medicine.