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SS Innovations International announces launch of World's First Tele Surgeon Console

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Gurugram-based startup SS Innovations International, Inc., a developer of innovative surgical robotic technologies dedicated to making robotic surgery affordable and accessible to a global population, has once again redefined the boundaries of innovation with the unveiling of the world's first Tele Surgeon Console (TSC), SSII MantrAsana.

MantrAsana, the world's first fully integrated, ergonomic and portable telesurgery console for remote precision operations is here to revolutionize the global robotics, beyond geographies. It demonstrates how surgical expertise can now be extended from the office of any expert surgeon to a smaller design of the Tele Surgeon Console (TSC) thereby not tying up the entire operating room to have access to the surgeon console to perform telesurgery.

This revolutionary innovation in robotic technology marks a defining moment in the evolution of surgical care, enabling expert surgeons to operate remotely through a compact, self-contained robotic system, designed and manufactured entirely in India for the world.

Speaking on the launch, Dr Sudhir Srivastava, Founder and Chairman, SS Innovations International, said, "With the Tele Surgeon Console, we are taking a monumental step toward making advanced surgical care accessible to everyone. Through MantrAsana, TSC we are showcasing how Indian innovation can transform healthcare delivery by bringing the surgeon's expertise directly to the patient regardless of geography. The smaller size of the console will literally allow surgeons to perform telesurgery from their offices. So now, one does not need to tie up the operating room or the entire Mantra system to perform telesurgery. There is a huge advantage because of the console's smaller footprint, being a self-contained chair wherein all electronics are inbuilt into the chair. The surgeon wears very light weight glasses with a magnified 3D view and uses magnetic sensor-based controls to control the movements of the robotic system remotely. This should be looked at as an advancement whereby these smaller telesurgery units can be placed anywhere to extend the expertise."

MantrAsana, TSC is designed for efficiency, comfort, and connectivity. Its compact ergonomic footprint allows it to be installed in a surgeon's office, enabling remote procedures without occupying an operating theatre. Surgeons experience seamless precision through an advanced headset offering magnified 3D HD visualization, while maintaining the same accuracy and outcomes as conventional robotic surgery. The MantrAsana, TSC also supports global collaboration, mentorship, and upskilling of surgical teams, aligning perfectly with SS Innovations International's vision to democratize robotic surgery and expand access to advanced medical technologies. MantrAsana, TSC is expected to be commercially available by December 2025 in India and followed by global footprints.