

SS Innovations launches South Asia's first medical robotics surgery system

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Leading with a vision to offer minimally invasive robotic surgery solutions, Dr Sudhir P Srivastava and his team have recently launched SSI MANTRA (Multi-Arm Novel Tele Robotic Assistance) Surgical Robotic System, with a live demonstration, in New Delhi, on January 19, 2021. The event marked the presence of national media at the launch alongside attendance from dignitaries like Amitabh Kant, CEO Niti Ayog via web-conferencing.

“Robotics shall be the future of surgery, and my vision is to create a technologically advanced system that will be cost-effective, easy to use, and can be applied to all surgical specialties. Thus, benefitting most patients around the world. Compared to conventional surgery, robotic surgery results in smaller incisions, that reduces pain, scarring and leads to quicker recovery,” said Dr Srivastava, one of the early pioneers in minimally invasive and robotic cardiac surgery. He has performed over 1,400 robotic cardiac surgical procedures in the expanse of his career as a surgeon. It is his goal to build an affordable surgical robotic system that is easier for surgeons to use and provides easier access for patients around the world.

The MANTRA system was recently utilized for the first human pilot study at Rajiv Gandhi Cancer Institute, where the surgeons successfully completed 18 complex Urology, Gynaecology, and General Surgery procedures in less than a month.

The SSI Mantra surgical robotic system can be utilized for all major surgical specialties including Urology, General Surgery, Gynaecology, Thoracic, Cardiac, and Head & Neck Surgery.

The SSI Mantra System shall additionally have automated enabling technologies for coronary bypass and valve operations.