

July - Aug 2026
Volume 8



50+

Robotic Surgeries,
One Historic Day.

15th August 2026

TATVA

NEWSLETTER



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MESSAGE FROM THE CHAIRMAN

DR. SUDHIR SRIVASTAVA



INDEPENDENCE THROUGH INNOVATION

Dear Colleagues, Partners and Members of the Surgical Fraternity,

Every Independence Day is an opportunity to reflect with pride on how far India has come and on the extraordinary progress our nation has made since Independence. It is also a moment to look ahead and ask how each of us can contribute to the India we want to build.

At SS Innovations, this thought has always been deeply connected to our purpose.

We believe that **Make in India and Atmanirbhar Bharat** are not simply aspirations. They represent the confidence to create technologies within India that address our own needs, reduce dependence on technologies historically imported from abroad, and ultimately demonstrate Indian innovation to the world.

This Independence Day, I was particularly proud to see that vision translated into clinical practice.

On 15 August 2026, Dr. Mohit Bhandari and his team successfully performed 50+ robotic surgeries in a single day using the SSi Mantra Surgical Robotic System. To see an indigenously developed robotic platform support over 50 procedures in one day is a remarkable milestone for Indian surgical robotics.

I congratulate **Dr. Mohit Bhandari** for his leadership, forward-looking approach to robotic surgery and commitment to advancing the field. My congratulations also go to his entire clinical team and **Sri Aurobindo Institute of Medical Sciences** for the extraordinary coordination and dedication behind this achievement.

Beyond the record itself, I think about the **50+ patients who received robotic-assisted surgical care that day**. That is where innovation finds its true purpose.

We are also seeing this vision extend beyond India. As SSi Mantra expands into international markets, our teams and surgical partners are performing increasingly complex robotic procedures and advancing telesurgery across borders. Recent procedures connecting India with countries such as Colombia demonstrate how technology developed in India can enable surgical expertise to travel across continents.

Our ambition at SS Innovations has never been limited to building a robotic system. It is to help create an India that develops advanced medical technology for itself and contributes meaningful innovation to healthcare around the world.

For me, that is a powerful expression of **Atmanirbhar Bharat**: India becoming increasingly self-reliant while creating technologies with the potential to serve humanity far beyond its borders.

We remain committed to that journey, with pride in what has been achieved and an even greater sense of responsibility for what lies ahead.

Jai Hind. Jai Bharat!

Dr. Sudhir Srivastava
Founder, Chairman & CEO
SS Innovations International, Inc.

INSTALLATIONS

210+

SURGERIES

14,000+

TELE-SURGERIES

190+



50+ SURGERIES

ONE REMARKABLE DAY OF SURGICAL CARE

ON THE 80TH INDEPENDENCE DAY, AN INDIGENOUS SURGICAL ROBOT AND AN EXCEPTIONAL CLINICAL TEAM CAME TOGETHER FOR A MILESTONE BEYOND NUMBERS

Independence has always carried a larger meaning for India. It is the freedom to imagine, to build, and increasingly to create technologies that address the country's own challenges while carrying the potential to serve the world.

On **15 August 2026**, that spirit found expression inside the operating rooms of Mohak Bariatrics & Robotics, Indore.

In an extraordinary clinical undertaking, **50+ robotic surgeries were successfully performed in a single day using the indigenously developed SSi Mantra Surgical Robotic System.**

The endeavour was led by **Dr. Mohit Bhandari, Founder and Director, Mohak Bariatrics & Robotics**, together with **Dr. Mahak Bhandari** and **Dr. Abhishek Tiwari**, supported by the clinical and operational teams of **Mohak Bariatrics & Robotics and SS Innovations International.**

Executing more than 50 robotic procedures within a single day demanded far more than speed. It required rigorous planning, experienced surgical judgement, operating-room discipline and close coordination across surgeons, anaesthesiologists, nurses, technicians and clinical support teams. Every procedure remained an individual clinical responsibility, irrespective of the scale of the day.



| Robotic surgeries underway at Mohak Bariatrics & Robotics, Indore. | The teams behind the historic 50+ surgery milestone.



| Dr. Mohit Bhandari reflects on a milestone shaped by surgical precision, teamwork and the trust of every patient.

This milestone cannot be understood through a number alone. **Fifty surgeries represented families waiting for someone they loved to return from the operating room, and patients placing their trust in their surgeons at an important moment in their lives.** Behind the milestone were the concerns, hopes and anxieties of more than 50 families, each experiencing a deeply personal journey and carrying a story of their own.

For some, surgery represented the possibility of relief from a condition that had affected everyday life. For others, it represented another chance to move forward with their health, return home and be with the people waiting for them. **Behind the scale were individual lives, and behind every procedure was a family.**

The milestone also gave deeper meaning to the technology that supported it. The **SSi Mantra Surgical Robotic System** was conceived and developed in India under the vision and leadership of **Dr. Sudhir Srivastava, Founder, Chairman and CEO of SS Innovations International.** His ambition has been to build an advanced surgical robotic platform that can help broaden access to robotic-assisted surgery while demonstrating India's ability to develop sophisticated medical technology of global relevance.

On Independence Day, that vision was no longer represented simply by an idea or an ambition. It was visible in clinical practice, with Indian engineering working alongside Indian surgical expertise to support patient care at an extraordinary scale.

For a country whose advanced medical technology has historically depended significantly on imported systems, the moment carried a larger meaning. **Atmanirbhar Bharat and Make in India become meaningful when indigenous innovation moves from development into clinical practice, earns the confidence of surgeons and contributes directly to patient care.**

The achievement in Indore therefore represents more than a remarkable day of robotic surgery. It reflects a larger direction for Indian healthcare: building capability within the country, widening access to advanced surgical technology and creating innovation that can ultimately travel from India to the world.

On India's 80th Independence Day, it was a powerful expression of that ambition.

MADE IN INDIA. FOR THE WORLD.

TELESURGERY ACROSS CONTINENTS

22,000 KILOMETRES OF PRECISION



| Dr. Sudhir Srivastava performing the intercontinental telesurgery from Colombia.



| SSi Mantra at the patient site in Indore.

FROM COLOMBIA TO INDIA, A NEW MILESTONE IN GLOBAL TELESURGERY

A robotic sleeve gastrectomy performed across more than 22,000 kilometres of fibre-optic network marks another significant step in the evolution of remote robotic surgery.

More than 22,000 kilometres of fibre-optic network separated the surgeon from the patient. One was in Colombia and the other was on an operating table in Indore, India.

Yet, across that distance, a complex surgical procedure unfolded in real time.

From **Hospital Internacional de Colombia**, Dr. Sudhir Srivastava, Founder, Chairman and CEO of **SS Innovations International** remotely performed a **robotic sleeve gastrectomy** on a patient at **Mohak Bariatrics and Robotics, Indore**, using the **SSi Mantra Surgical Robotic System**.

The intercontinental connection operated at a reported latency of **275 to 285 milliseconds**, allowing Dr. Srivastava's movements at the surgeon console in Colombia to be transmitted to the robotic system in India.



| Dr. Sudhir Srivastava with Dr. Víctor Raúl Castillo Mantilla and the surgical team in Colombia.

Alongside Dr. Srivastava in Colombia were **Dr. Víctor Raúl Castillo Mantilla** and **Dr. Jonathan Cáceres Prada**, while **Dr. Mohit Bhandari** and **Dr. Abhishek Tiwari** formed the patient-side team in Indore. Together, the teams provided the clinical coordination and readiness essential to conducting surgery across continents.

For Dr. Srivastava, the achievement belonged to everyone involved. He acknowledged Dr. Castillo and Dr. Bhandari for their collaboration and leadership in bringing the procedure together, reflecting the coordinated clinical effort required to make surgery across such an extraordinary distance possible.

The significance of the day, however, did not end with telesurgery.

Following the Colombia to India procedure, Dr. Srivastava went on to perform **two consecutive robotic Totally Endoscopic Coronary Artery Bypass (TECAB) procedures in Colombia**. The cases marked **Latin America's inaugural robotic cardiac surgery**, opening a significant new chapter for robotic cardiac care in the region and for the growing global clinical footprint of the SSI Mantra platform.

Together, these procedures presented two dimensions of a more connected surgical future: expertise delivered remotely across continents, followed by advanced robotic cardiac surgery performed locally on the same platform. That is perhaps the larger meaning of this milestone. The future of telesurgery is not simply about how far a surgeon can operate. It is about creating a surgical ecosystem in which expertise can move more freely, clinical teams can work together across borders, and geography becomes less defining in determining where advanced surgical capability can be delivered.

From India to the world, and from the world back to India, a new geography of surgical care is taking shape.



| Dr. Sudhir Srivastava with the robotic cardiac surgery team in Colombia after the successful surgery.

SRS 2026

SHAPING THE NEXT CONVERSATION IN ROBOTIC SURGERY

WHERE THE FUTURE OF ROBOTIC SURGERY BECAME A GLOBAL CONVERSATION

Across four days in Florida, SRS 2026 brought the world's robotic surgery community together to examine a question that is becoming increasingly important: how can advanced surgical technology move from centres of excellence to a broader, more connected global healthcare ecosystem?

From July 23 to 26, 2026, the Society of Robotic Surgery annual meeting brought together surgeons, innovators, healthcare leaders, researchers and technology pioneers for scientific exchange, clinical discussion and hands-on engagement.



| Dr. Sudhir Srivastava on scaling robotic surgery for global access.



| Delegates engage with emerging robotic technologies during SRS 2026.

ROBOTIC SURGERY FROM AN ASIAN PERSPECTIVE

The fireside chat **"Robotics Update from Asia"**, which brought together **Dr. Sudhir Srivastava**, Founder, Chairman and CEO of SS Innovations International, **Jonathan Chen**, CEO of MicroPort Scientific Corporation, and **Andy Hay** of Medcaroid, exploring Asia's growing role in surgical robotics, innovation and access.

During the **Emerging Markets** session, Dr. Srivastava presented the SSi Mantra Surgical Robotic System and shared SS Innovations' perspective on developing advanced robotic technology for healthcare environments where access, infrastructure and affordability remain important considerations.

The conversation expanded during the **Global and Military** programme, where his presentation on **"Scaling Robotic Surgery for Global Access"** examined how technology and new models of care can help extend surgical expertise across diverse healthcare environments. Dr. Srivastava also offered a view into the innovation pipeline at SS Innovations, speaking about **Operion**, **Vimana** and **Triveni** as part of the company's continuing work towards the next generation of surgical technologies. Together with SSi Mantra and connected surgery, these innovations reflect a broader ambition to build an expanding surgical technology ecosystem around access, intelligence and future clinical needs.

BUILDING THE FRAMEWORK FOR TELESURGERY

Telesurgery emerged as one of the defining conversations of SRS 2026, with attention moving beyond what is technically possible to what is required for responsible clinical scale.

During “**Emerging and Needed Developments in Regulatory Frameworks Enabling Telesurgery**,” Dr. Srivastava joined leaders from surgery, industry, technology and regulatory fields to discuss connectivity, cybersecurity, latency, credentialing, clinical governance and patient safety.

He also presented on **cardiac telesurgery using SSi Mantra**, sharing SS Innovations’ experience alongside leading robotic cardiac surgeons including **Dr. Husam Balkhy, Dr. Bob Kiaii and Dr. T. Sloane Guy**.

In a separate presentation on “**Telesurgery in India**,” chaired by **Dr. Vipul Patel and Dr. Frederic Moll**, Dr. Srivastava traced key milestones in SS Innovations’ telesurgery journey and the clinical and technological ecosystem developing around connected surgical care in India.

Together, these discussions reinforced an important principle: telesurgery is not connectivity alone. Its future depends on technology, infrastructure, regulation, training and clinical readiness progressing together.



| Surgeons experience SSi Mantra firsthand at SRS 2026.



| SSi MantrAsana Portable Tele-Surgeon Console at SRS 2026.

TECHNOLOGY EXPERIENCED FIRSTHAND

Away from the scientific sessions, the SS Innovations experience continued on the exhibition floor.

Surgeons and delegates from across the world engaged in hands-on demonstrations of the **SSi Mantra Surgical Robotic System**, exploring its multi-specialty capabilities and surgeon interface firsthand.

The **SSi MantrAsana Portable Tele-Surgeon Console** drew particular interest as delegates examined how a compact remote console could support future applications in telesurgery and teleproctoring.

The booth therefore became more than a product showcase. It created a space where conversations around global access, clinical use and connected surgery could move directly into hands-on experience.

CLINICAL EXPERIENCE IN ACTION

The scientific conversation was reinforced by clinical experience with the SSi Mantra platform.

Dr. Amitabh Singh, Senior Consultant, Uro-Oncology, remotely performed a **Robotic Partial Nephrectomy** from the SS Innovations headquarters in Gurugram on a patient at **Rajiv Gandhi Cancer Institute and Research Centre, New Delhi**. The procedure was transmitted live to the SRS audience in Florida.

Moderated by **Dr. Sudhir K. Rawal** and **Dr. Sudhir Srivastava**, the session demonstrated the integration of remote surgical expertise, patient-side coordination, connectivity and robotic technology in a real clinical setting.

The scientific programme also brought pediatric robotic surgery into focus. **Dr. M. Ramalingam, Dr. Manjiri Somashekar and Dr. Chandra Mohan Vaddi** shared their clinical experience with pediatric procedures using SSi Mantra, adding an important perspective on the application of robotic technology in smaller anatomy and technically demanding cases.

Together, the sessions moved the conversation from technological possibility to **real clinical application across specialties and patient populations**.



| Dr. Amitabh Singh performing live robotic telesurgery from Gurugram.



| Dr. Sudhir Srivastava with Dr. Frederic Moll at SRS 2026.

BEYOND THE ROBOT

SRS 2026 reflected how quickly the conversation around robotic surgery is changing.

The next phase will not be defined by hardware alone. It will be shaped by how surgical systems connect, how expertise is shared, how clinical teams are prepared, how regulatory frameworks evolve and how advanced care can become accessible across very different healthcare environments. Artificial intelligence is also becoming an important part of this evolution, with discussions at SRS exploring how AI, data and robotics could increasingly come together to support the future of surgical care.

For SS Innovations, four days at SRS brought these ideas together in one place: scientific dialogue, live telesurgery, hands-on clinical engagement, global collaboration and recognition for innovation.

As technology continues to advance, the larger ambition is to ensure that **its reach and relevance advance with it**.

RECOGNISING A VISION FOR SURGICAL INNOVATION

SRS 2026 brought an important recognition for SS Innovations as **Dr. Sudhir Srivastava received the “Surgeon-CEO Innovator Award of Excellence,”** presented by Dr. Frederic Moll during the Award Night and Dinner.

The recognition acknowledged Dr. Srivastava’s longstanding work at the intersection of surgery, innovation and access, and his continued efforts to develop robotic technologies designed to reach a broader global patient population.



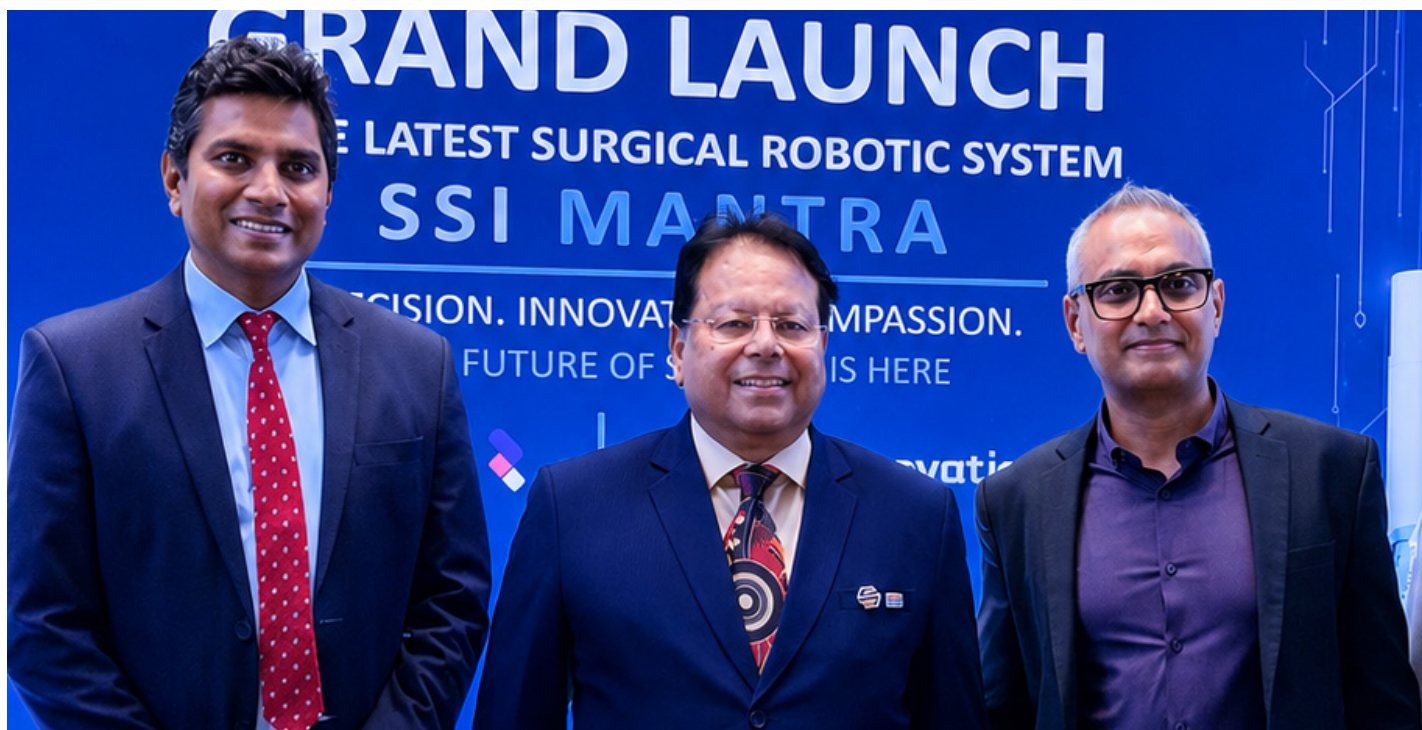
| Dr. Sudhir Srivastava receives the Surgeon-CEO Innovator Award of Excellence.



| Dr. Vipul Patel with team SS Innovations at SRS 2026.

GLOBAL FOOTPRINT

Sri Lanka Welcomes a New Surgical Capability



| Marking the launch of SSI Mantra at Kings Hospital Colombo.

SSI MANTRA ENTERS SRI LANKA AS KINGS HOSPITAL COLOMBO BUILDS ITS ROBOTIC SURGERY PROGRAMME

The arrival of a robotic system matters most when it creates a capability that did not exist before. At **Kings Hospital Colombo**, the introduction of the **SSI Mantra 3.0 Surgical Robotic System** marks the beginning of a new programme designed to expand access to robotic-assisted surgery in Sri Lanka.

Officially launched on **August 23, 2026** the programme brings an India-developed surgical robotic platform into a new international healthcare environment, giving surgeons at Kings Hospital the opportunity to build robotic capabilities across specialties and offer advanced minimally invasive procedures closer to home.

The launch brought together the leadership of **Kings Hospital, SS Innovations International and SIBA Holdings (Pvt) Ltd**, reflecting the clinical, technological and local partnership required to establish a sustainable robotic surgery programme.

Dr. Sudhir Srivastava, Founder and Chairman of **SS Innovations International**, joined **Dr. Palitha Abeykoon**, **Prof. Srinath Chandrasekara**, **Mr. Badrajith Siriwardana** and **Mr. Ranjith D. Balasubramaniam** for the occasion, with **Prof. Dr. Subhash Khanna** attending as Special Guest.

For SS Innovations, Sri Lanka represents more than another geography on the SSI Mantra map. It reflects the larger purpose behind taking technology developed in India beyond its borders: **building local surgical capability, supporting clinical teams and enabling advanced robotic care to become available within more healthcare systems.**

The installation was the beginning. What followed would demonstrate how quickly a new capability could move into clinical practice.

CLINICAL FIRST

From Installation to Sri Lanka's First Robotic Cardiac Surgery



| The surgical team with Dr. Sudhir Srivastava following the landmark robotic cardiac surgery.

WITH SRI LANKA'S FIRST ROBOTIC CARDIAC SURGERY PROGRAMME, A NEW SPECIALISED CAPABILITY MOVES INTO THE OPERATING ROOM

Within weeks of the launch of SSI Mantra at **Kings Hospital Colombo**, the story had already moved from introducing robotic technology to putting it to work.

The hospital established **Sri Lanka's first robotic cardiac surgery programme**, with the inaugural robotic LIMA takedown performed by **Dr. Sudhir Srivastava** together with **Dr. Rajitha de Silva**, **Cardiothoracic Surgeon at Kings Hospital**.

For cardiac surgery in Sri Lanka, the significance lies in what now becomes possible locally. Building robotic cardiac capability creates an avenue for specialised minimally invasive procedures to be undertaken within the country, reducing the need for patients to look beyond Sri Lanka simply to access this form of surgical technology.

The early clinical momentum has been equally significant. **Within just three weeks of launching its robotic surgery programme, Kings Hospital had performed more than 25 robotic procedures.** Behind that number is the more important story of surgeons and clinical teams rapidly translating a new technology into an active surgical programme.

It is this transition that gives the Sri Lanka story its weight. **A robotic system was installed, a clinical programme was built, and within weeks the technology was already supporting procedures across a growing body of patients.**

For SSI Mantra, it is another example of Indian medical technology moving beyond national boundaries and becoming part of local surgical ecosystems.

For Kings Hospital, it marks something more immediate: **a new capability now available at home.**

MASC 2026

ADVANCING ROBOTIC SURGERY THROUGH EVIDENCE, EXPERTISE & TRAINING

MASC 2026 RS brought leading surgeons together at SSICRS for scientific exchange, hands-on training and direct experience with the SSi Mantra Surgical Robotic System and the evolving capabilities of MantrAsana.

The future of robotic surgery will be shaped not by technology alone, but by the clinical knowledge, structured training and real-world experience that enable surgeons to use it with confidence. Reflecting this philosophy, the **MASC 2026 RS – CME Programme** was conducted on **22 August 2026** at the **SS International Centre for Robotic Surgery (SSICRS), Udyog Vihar, Gurugram**, creating a focused platform for surgeons to engage with the evolving possibilities of robotic-assisted surgery.

Jointly organised by **SSICRS** and the **Institute of Minimal Access, Metabolic & Bariatric Surgery (iMAS), Sir Ganga Ram Hospital, New Delhi**, the programme brought together **24 faculty members and 32 delegates**. Alongside evidence-based discussions and clinical perspectives, MASC 2026 RS placed the **SSi Mantra Surgical Robotic System** at

the centre of hands-on learning, giving participants an opportunity to understand its capabilities through the experiences of surgeons using the platform.

A key highlight was the discussion on **telesurgery and MantrAsana**, led by **Dr. Mohit Bhandari, Founder and Director, Mohak Bariatrics & Robotics, Indore**, and **Dr. Venkatesh Munikrishnan, Colorectal Surgeon, Apollo Hospitals, Chennai**, shared their experience with the SSi Mantra Surgical Robotic System and discussed the telesurgery capabilities of **MantrAsana**. Drawing from their experience with the SSi Mantra system, they shared perspectives on how MantrAsana supports telesurgery and discussed the capabilities that can help make remote surgical collaboration more seamless. Their insights brought a practical dimension to the conversation around connected surgery, demonstrating how technology can help extend surgical expertise beyond geographical boundaries.



| Dr. Magan Mehrotra demonstrates the SSi Mantra Surgical Robotic System.

The programme moved from discussion to direct experience with an in-depth session by **Dr. Magan Mehrotra**, who introduced participants to the **SSi Mantra system**, **its features and its expanding range of instruments developed by SS Innovations for different surgical specialties**. Through a live demonstration on soft tissue, he showcased system functionality while sharing practical tips and techniques that surgeons can employ to support precision during robotic procedures. Drawing on his own experience with the platform, Dr. Mehrotra also offered participants a surgeon's perspective on working with SSi Mantra in clinical practice.



| Dr. Magan Mehrotra presents SSi Mantra's features and instruments.

The broader scientific programme brought together leading voices from GI and General Surgery, including **Dr. Randeep Wadhawan, Dr. Arun Prasad, Dr. Sudhir Kalhan, Dr. Deep Goel, Dr. Meenakshi Sharma, Dr. Pawanindra Lal, Dr. Vivek Bindal and Dr. Sumeet Shah**, among others. Discussions explored robotic applications across specialties, evidence-based adoption, structured training pathways, troubleshooting and risk mitigation.



| Dr. Venkatesh Munikrishnan on telesurgery capabilities.

MASC 2026 RS reflected SS Innovations' larger commitment to building a robust robotic surgical ecosystem around SSi Mantra, where technology is strengthened by surgeon experience, hands-on education and continuous clinical exchange. By bringing surgeons closer to the platform and its capabilities, the programme translated innovation into practical learning and strengthened the foundation for wider, confident adoption of robotic-assisted surgery.



| Dr. Mohit Bhandari discusses telesurgery capabilities and his experience with SSi Mantra.

PATIENT STORY

THE SEARCH THAT BROUGHT THEM HOME

AFTER TRAVELLING FROM BIHAR TO NEPAL AND PATNA IN SEARCH OF TREATMENT, HASAN'S FAMILY FOUND THEIR ANSWER CLOSER TO HOME

For **Mohammad Ehsan Alam**, the most difficult part of his son's illness was not knowing where to turn. His 12-year-old son, **Hasan**, had been experiencing recurring fever and severe flank pain. When investigations pointed to a kidney problem, concern turned into a search for the right treatment.

The family comes from a small village in **Araria district, Bihar**, where Ehsan Alam runs an auto parts and hardware shop. He began meeting doctors wherever he believed his son might find help.

“इसके लिए मैं बहुत चिंतित हुआ, बहुत परेशान हुआ... यहां तक कि मैं ने पाल गया। ने पाल के बाद पटना भी गया।”

After multiple consultations, the search eventually led him to **Dr. Zaheen Khan at the Urology and Kidney Institute in Purnia**. There, the family finally understood what Hasan was facing. He had **vesicoureteral reflux with hydronephrosis**, causing urine to flow backwards towards the kidney. According to his clinical evaluation, his left kidney was functioning at only **20 to 25 percent**. Surgery was advised. For Hasan and his parents, there was understandable apprehension. Dr. Khan discussed the possibility of performing the required reconstruction robotically and introduced the family to the **SSi Mantra Surgical Robotic System**.

Dr. Khan subsequently performed a **robotic ureteric reimplantation with intracorporeal tapering**, reconstructing the urinary pathway to address the reflux affecting Hasan's kidney. Hasan was discharged within two days. About a week later, he had begun returning to his regular activities. And when Hasan tells the story himself, there are no complicated medical terms.

“मैं हर जगह खेलने भी लगा, साइकिलिंग भी करने लगा... सबसे मिलने भी लगा।”

For a father who had travelled from one place to another searching for treatment, the journey had finally brought him back to Bihar. And for Hasan, the measure of recovery was even simpler. **He could ride his bicycle again.**

Names have been changed to protect patient privacy.



| Hasan with his father following the successful robotic-assisted surgery.

CLINICAL EXCELLENCE

PRECISION AT THE TINIEST SCALE

ROBOTIC PYELOPLASTY IN A BABY JUST 1 MONTH AND 18 DAYS OLD MARKS A SIGNIFICANT MILESTONE IN PEDIATRIC ROBOTIC SURGERY

In pediatric surgery, precision assumes an entirely different meaning. When the patient is barely a few weeks old, the anatomy is exceptionally small, the operative space limited, and every movement demands meticulous control. At **Hindusthan Hospital, Coimbatore**, **Dr. M. Ramalingam** successfully performed a **Robotic Pyeloplasty** on a baby just **1 month and 18 days old** using the **SSi Mantra Surgical Robotic System**.

The procedure involved reconstructing the narrowed or obstructed junction between the kidney and ureter to restore the normal flow of urine. In a patient this young, delicate dissection and reconstruction within a confined operative field presents a distinct surgical challenge.

The procedure was supported by **specialised 5 mm ports and 5 mm robotic instruments developed by SS Innovations for pediatric surgery**. Designed for smaller anatomical spaces, the instruments provided the fine control and manoeuvrability required at this scale. Dr. Ramalingam was particularly pleased with their performance and the precision they offered during the procedure.

The case reflects **Dr. M. Ramalingam's clinical judgement, experience and technical expertise**. Navigating such confined anatomy required meticulous dissection, precise suturing and controlled movements throughout the reconstruction. According to the treating team, the baby is doing well and continuing on the path to recovery.

As robotic platforms are complemented by instruments designed for smaller patients, new possibilities are emerging for intricate procedures in anatomical spaces where **every millimetre matters**. At just **1 month and 18 days old**, this was a remarkably small patient requiring an extraordinary degree of surgical precision.

A milestone shaped by surgical expertise, purpose-built instrumentation and precision at the tiniest scale.



| Dr. M. Ramalingam with the baby and family following the successful robotic pyeloplasty.

CLINICAL RESEARCH & PUBLICATIONS

BRIDGING 2,100 KM IN ROBOTIC CANCER SURGERY

A PROSPECTIVE CASE SERIES ADDS TO THE GROWING CLINICAL EVIDENCE FOR LONG-DISTANCE TELESURGERY

A recently published study in the **Indian Journal of Surgical Oncology** documents the first North-to-South India tele-robotic cancer surgeries performed across approximately **2,100 km using the SSI Mantra Surgical Robotic System**.

Authored by **S.P. Somashekhar, Kushal Agrawal, Omkar Sahindrakar, Jyotsana Goyal, K.R. Ashwin, C. Rohitkumar, Darshan Patil and Esha Shanbhag**, the prospective case series evaluated two complex oncologic procedures with the **Master Surgeon Console in Gurugram** and the patient-side robotic system in **Bengaluru**.

The cases involved a locally advanced lower oesophageal and gastro-oesophageal junction tumour and a locally advanced low rectal cancer.

Supported by a **secure, encrypted, dual-redundant fibre-optic network**, the procedures recorded total system latency of **160 to 170 milliseconds**, bi-directional network latency of **35 to 40 milliseconds**, and packet loss below **0.1%**. Both procedures were completed without network interruption, robotic malfunction or conversion.

Within the limitations of this two-patient prospective case series, no major intraoperative or postoperative complications were reported, and all planned operative steps were completed successfully.

Beyond the individual cases, the publication contributes valuable real-world evidence to the evolving field of telesurgery by documenting the **clinical workflow, connectivity and system performance** required to deliver complex oncologic surgery across significant geographical distance.

The study represents another step towards understanding how connected robotic platforms may help extend specialised surgical expertise beyond the boundaries of a single operating room.

READ THE FULL ARTICLE

The First North-to-South India Tele-Robotic Cancer Surgery Across 2,100 km Using the SSI MANTRA Robotic System: A Prospective Case Series



CONFERENCE PARTICIPATIONS

ENDOMETRIOSIS 360° CONFERENCE

4–5 July 2026 | GRT Hotel, Chennai

SS Innovations participated in the **Endometriosis 360° Conference**, organised with the Indian Association of Gynaecological Endoscopists and collaborating societies, bringing robotic surgery into an important scientific discussion around complex gynaecological care.

The SSi Mantra platform featured across live and scientific sessions, including a robotic hysterectomy by **Dr. Priya Bhav Chittawar**, a presentation on surgical robotics by **Dr. Subbiah T.S.**, and a live robotic endometriosis procedure by **Dr. Mala Raj**, highlighting the evolving role of robotic-assisted approaches in women's healthcare.



| Robotic gynaecology in focus at Endometriosis 360°.



| Dr. Venkatesh Munikrishnan discusses telesurgery at ACPGBI 2026.

ACPGBI 2026 ANNUAL MEETING

6–8 July 2026 | United Kingdom

At the **Association of Coloproctology of Great Britain and Ireland Annual Meeting**, **Dr. Venkatesh Munikrishnan** presented “**Telesurgery: Are We Ready? Democratisation, Governance and Challenges**” during the “**Robotics: From Adoption to Excellence**” session.

Drawing on his experience with the **SSi Mantra**, he addressed key considerations for telesurgery, including governance, infrastructure, training, cybersecurity and patient safety, while also presenting the **MantraSana portable tele-surgeon console**.

INTERNATIONAL ENDOSCOPIC & ROBOTIC CARDIAC SURGERY CONFERENCE

11–12 July 2026 | SMSIMSR, Muddenahalli, Karnataka

The inaugural **International Endoscopic & Robotic Cardiac Surgery Conference** brought together national and international cardiac surgeons for two days of live surgery, scientific exchange and hands-on training.

A key highlight was a live **Robotic ASD Closure**, remotely performed by **Dr. Sudhir Srivastava** from Gurugram, with **Dr. Lalit Malik** and the patient-side team in Muddenahalli. The programme also featured robotic cardiac training, wet-lab sessions and demonstrations of **SSi Mantra** and the **MantraM Telesurgery Mobile Unit**.



| Hands-on robotic cardiac training at IERCSC 2026.

5TH ANNUAL CONFERENCE OF THE SOCIETY OF CORONARY SURGEONS

18–19 July 2026 | Club Babylon, Ahmedabad

At the **5th Annual Conference of the Society of Coronary Surgeons**, Dr. Sudhir Srivastava presented virtually on **“Totally Endoscopic CABG: Current State and Future Prospects,”** exploring the evolution of minimally invasive coronary revascularisation and the role of robotic platforms.

The SSi Mantra exhibition also offered participating surgeons hands-on experience with the system and its potential applications in robotic cardiac surgery.



| Robotic coronary surgery in focus at SCS 2026.



| Live pediatric telesurgery at TNASICON 2026.

TNASICON 2026

6–9 August 2026 | PSG Hospitals, Coimbatore

At **TNASICON 2026**, connected surgical care took centre stage through a **live robotic pediatric pyeloplasty** remotely performed by **Dr. M. Ramalingam** from Dharan Hospital, Salem, on a patient at Hindusthan Hospital, Coimbatore, using SSi Mantra.

The **MantraM Telesurgery Mobile Unit** also drew strong interest, giving delegates an opportunity to experience a mobile approach to robotic surgery and telesurgery.

AMASICON 2026 | KOLKATA

ADVANCING ROBOTIC SURGERY IN MINIMAL ACCESS CARE

SS Innovations participated in **AMASICON 2026**, held in Kolkata from **27–30 August 2026**, engaging with the surgical community through scientific exchange and hands-on experience with the **SSi Mantra Surgical Robotic System**.

A key highlight was a **live Robotic PeTEP procedure performed by Dr. Magan Mehrotra**, offering surgeons real-time insights into robotic dissection, tissue handling, reconstruction and procedural techniques. At the **SS Innovations booth**, surgeons explored SSi Mantra through hands-on demonstrations, gaining familiarity with its capabilities, instrument articulation and ergonomics while exchanging perspectives on the expanding role of robotic technology in modern minimal access surgery.



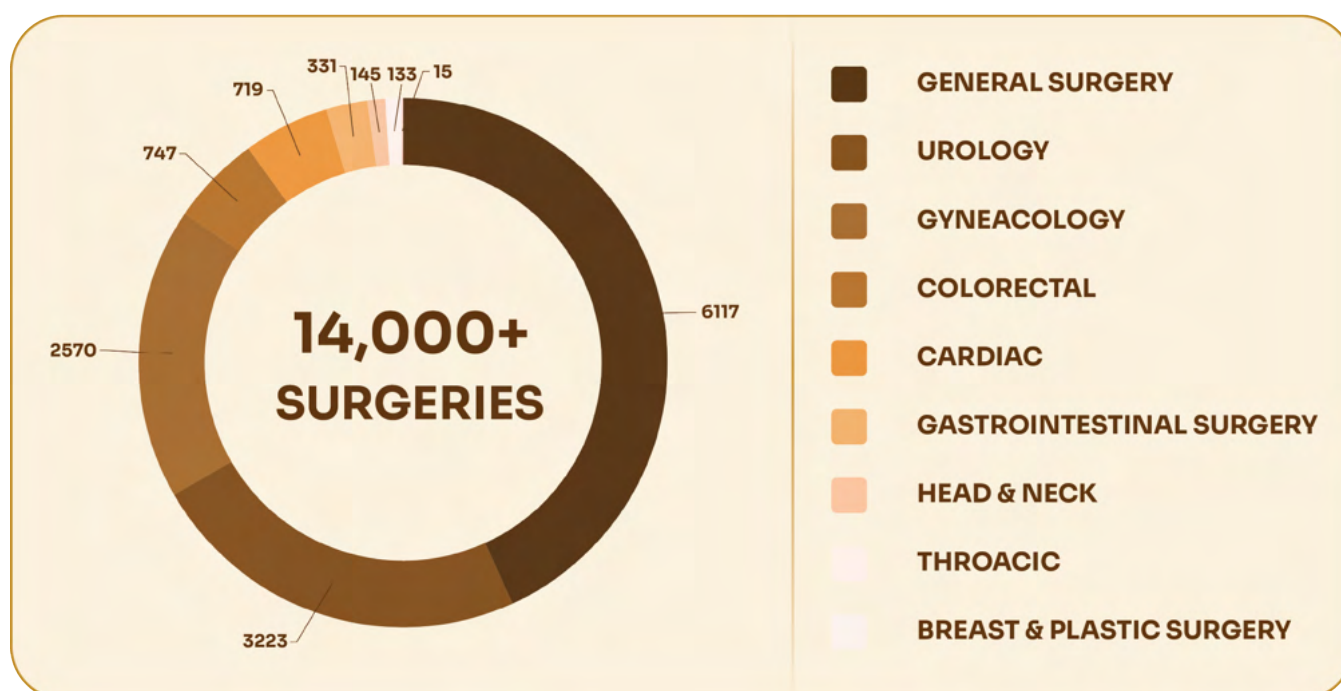
| Delegates engage with SSi Mantra at AMASICON 2026.

SSI MANTRA SURGERIES – MULTI SPECIALITY DISTRIBUTION

SPECIALITY - WISE	GRAND TOTAL
GENERAL SURGERY	6117
UROLOGY	3223
GYNEACOLOGY	2570
COLORECTAL	747
CARDIAC	719
GASTROINTESTINAL SURGERY	331
HEAD & NECK	145
THROACIC	133
BREAST & PLASTIC SURGERY	15
GRAND TOTAL	14,000



14,000+
TOTAL SURGERIES



DATA AS OF AUG 2026

CLINICAL MILESTONES

TWO MONTHS OF MEANINGFUL CLINICAL MILESTONES ACROSS THE SSI MANTRA ECOSYSTEM

500+

Aster
CMI HOSPITAL

We'll Treat You Well

Aster CMI Hospital, Bangalore

200+



Meenakshi hospital, Ghaziabad



Medanta Hospital, Gurgaon

100+



Fortis hospital and kidney institute, Kolkata



Shailya hospital, Ahmedabad



Every Life Matters

Kokilaben Dhirubhai Ambani Hospital, Navi Mumbai



KIDNEY HOSPITAL & LITHOTRIPSY CENTRE

Dhameliya Hospital, Surat



Dayanand Medical College & Hospital, Ludhiana



Marengo Asia Hospitals

HUMANE BY PRACTICE

Marengo Hospital, Faridabad

50+



Viveka Hospital, Nagpur



Apollo hospitals, Madurai



Georgetown public hospital corp., Guyana



VS Hospitals, Chennai



B.t. Savani hospital, Rajkot

GLOBAL EXPANSION

NEW INSTALLATIONS STRENGTHENING THE SSI MANTRA ECOSYSTEM ACROSS INDIA AND INTERNATIONAL MARKETS.





SS Innovations International, Inc.

1600 SE 15th Street, #512 Fort Lauderdale, Florida – 33316, United States of America

Sudhir Srivastava Innovations Pvt. Ltd. (R&D HO – India)

**404–405, Ground floor & 3rd Floor, iLabs Center, Udyog Vihar, Phase III,
Gurugram, Haryana, India – 122016**

info@ssinnovations.org

www.ssinnovations.com

+91 73375 53469



Disclaimer: Robotic Surgery is a type of medical procedure that incorporates robotic systems controlled by surgeons to operate on qualified patients. Not every patient may be eligible for robotic surgery. Selection of patients for robotic surgery is based on the patient's anatomy, physical and physiological characteristics, and ailment histories and under the consultation of the patient's attending physician. SS Innovations is not involved in any patient selection process. Surgical complications are common to every type of surgery, including robotic surgery. The complications may include but are not limited to injury to tissues and organs, conversion of minimally invasive surgery to open or laparoscopic procedures, or even death. Patients must consult with their doctors and research information on the risks and benefits associated with robotic surgery.

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