

ISIC BECOMES FIRST HOSPITAL OUTSIDE US TO ACQUIRE SPINE ROBOTICS SYSTEM



Dr. Chhabra

India's leading spinal treatment facility Indian Spinal Injuries Centre (ISIC) has revolutionized the spine surgery field

in India with the introduction of a highly advanced Robotics Guidance Technology that brings game-changing improvements in spinal surgery. ISIC has acquired the most advanced Spine Robotics System that provides high degree of precision, control and accuracy to surgeons, thereby ushering in better results and much faster recovery for patients.

Interestingly, ISIC is the first hospital in the world outside the US to acquire this path-breaking technology that offers

immense hope for patients of spinal diseases or injuries. Serious medical complications such as complex cases of scoliosis and kyphosis, degenerative disc diseases, herniated discs and spondylolisthesis can be successfully treated using this technology.

A healthy spine is critical to the overall well-being of a body. If the spinal cord is affected by disease or injury, it can have devastating long term consequences. The field of spinal surgery has witnessed significant progress in recent years. This progress has helped a large number of patients get back their lives by enabling them to stand, walk and lead normal lives again after devastating injuries. Given the extreme importance of the spine, any kind of spinal surgery requires high degree of precision and accuracy. Hence, spine surgeons have to be extra careful about the methods they chose and are more than likely to opt for a

technology that enhances their precision and ensures a better outcome. The recent advancement in spine surgery has come in the form of robotics, a specialized approach to a complex procedure that allows planning a surgery and facilitates highly accurate and predictable execution of the plan.

The team of surgeons at ISIC has already used the advanced system to perform several surgeries and the results have been highly encouraging. The patients who have undergone surgery using this technology have been able to get back on their feet much faster as compared to traditional surgery. These benefits accrue from the high degree of precision and accuracy offered by the Robotics System which minimizes the chances of human error during surgery.

such as SAHAI helps patients to discover the strength within themselves and integrate with the community seamlessly. It helps in addressing these needs in a holistic manner. The programme is run by eminent cancer specialists supported by an eclectic group of yoga therapists, nutritionists, psycho-oncologists, counsellors, spiritual guides, and art therapists."

Cure rates for cancer have increased by over 30% in the last two decades which is a significant achievement in cancer

care. Cancer care is also being made affordable with 70-80% of cancer medicines cheaper today by 30-40%. "In medical oncology, traditional chemotherapy is being increasingly replaced by immunotherapy, targeted therapy and cellular therapy. Many cancers can now be treated with only oral pills," says Dr. Sajjan Rajpurohit, Head of Unit, Department of Medical Oncology at the Rajiv Gandhi Cancer Institute & Research Centre, Niti Bagh, South Delhi.

Regenerative medicine aims to

completely change the face of modern medicine by harnessing the body's power to heal itself from any disease or trauma with the help of human stem cells and genetic treatments. "Orthopaedics is probably the first area where regenerative medicine has shown tremendous promise. Patients are now able to avoid complex surgeries by inserting stem cells into the joints and thus rejuvenating them, thereby increasing their life span," says Vipul Jain, CEO, Advancells.