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

Apollo Proton Cancer Centre unveils India's first robotic oncology unit

12 August 2021 | News

The unit is equipped with the advanced fourth-generation â??Da Vinci Surgical System-Xiâ??



Apollo Proton Cancer Centre (APCC) has launched a state-of-the-art dedicated robot-assisted cancer surgery unit. The robot-assisted cancer surgery unit will offer patients with comprehensive cancer care under one roof. The unit is equipped with the advanced fourth-generation ‘Da Vinci Surgical System-Xi’ and a dedicated team of clinicians.

APCC offers specialised 360-degree care with the most advanced robotics system for complex surgeries. The robotic arms with EndoWrists have a 360+270 degree manoeuvrability which is unmatched by the human hand. The advancement improves recovery from major operations, reduces instances of infections, increases the precision of surgery and reduces the patient’s length of stay at the facility.

The robot helps replicate the surgeon’s hand movements while minimising hand tremors. The surgery is thus conducted with enhanced precision, dexterity, and control even during the most complex procedures. The technology provides the surgeon with a 10x magnified, high definition, the 3D image of the body's intricate anatomy.

The controls in the console allow the surgeon to manipulate special surgical instruments that are smaller, as well as more flexible and manoeuvrable than the human hand. The surgeon is thus in complete control of the surgical procedure.

Dr Prathap C Reddy, Chairman Apollo Hospitals, said, “The robot-assisted surgery has its advantage compared to the open or laparoscopic surgeries."