

PRESS RELEASE

For Immediate Publication

Doctors at Fortis, Gurugram conduct 1st Robotic Joint Replacement Surgery in North India

Surgery executed using state-of-the-art technology, NAVIO PFS surgical system on 61-year-old patient

Delhi/NCR, June 30th 2017: Orthopedic surgeons under renowned Orthopedic surgeon and Padmashree recipient **Dr. Ashok Rajgopal** at the **Fortis Bone and Joint Institute**, Gurugram conducted the first successful robot aided joint replacement surgery on a 61-year-old patient, who had been suffering from severe left knee pain for many years. The surgery was executed using the NAVIO PFS surgical system, which is the latest robotic intervention in the field of joint replacement. NAVIO enables the surgeon to fix only the damaged part of the knee to absolute perfection, saving all the other normal structures of the joint.

Robot-assisted surgery enables the surgeon to operate with enhanced precision, dexterity and control even during the most complex procedure. It ensures lesser bone removal, preserves natural anatomy and facilitates better post-operative outcomes for the patient. The robot-assisted system eliminates the possibilities of human error and this leads to perfect alignment, leading to the longevity of the joint implant. Doctors say that globally patients who have been treated using this technology are able to gain full movement, including sitting cross legged and squatting.

Dr. Ashok Rajgopal, Chairman, Fortis Bone & Joint Institute said, "Robot-assisted joint replacement surgery offers the patient a huge advantage of immediate recovery, same or next day discharge and minimal blood loss. It is extremely satisfying for the patients since it preserves all the natural structures of the joint. It is equally beneficial for the young people who intend to return to their active lifestyle sooner and elderly people who are at risk of undergoing a knee replacement."

Dr Simmardeep Singh Gill, Zonal Director, Fortis Memorial Research Institute said, "With advanced robotics entering the field of orthopedics, patients can now receive treatment in a manner similar to day-care surgeries. Fortis has always been at the helm of technology and a center of excellence in Orthopedics for patients from all across the world, which has always been a vision for us. With robot assisted joint replacement, we are driving this leadership ahead and ensuring that we are at par with the world because this technology has been launched in India immediately after the US and we are only the second country in the world to adopt it successfully!"

Expressing her happiness, the **patient, a resident of Shealda** in Kolkata said, "I have been living with this painful knee for close to five years since I was always fearful of surgery. Two months ago the pain became so unbearable that I had no other option but to look out for surgery. I was fearful since I had heard of long stays at hospitals and various post - operative infections associated in the elderly due to which I kept delaying treatment. However, I am glad that this opportunity came and I am going to make history by being the 1st in this part of the country to undergo a robot-assisted knee surgery and become pain free."

FMRI has established itself as a centre of excellence for robot-assisted surgeries in the fields of Urology, Oncology and Gynecology with the latest Da Vinci Robotic System that was introduced in the year 2015 and hundreds of patients have benefited from it in the past.

About Fortis Bone and Joint Institute

At Fortis Escorts, the Bone and Joint Institute is equipped to provide the matchless level of professional competence and warm patient care in the sector of orthopaedics. The Bone and Joint Institute exhibits a panel of highly experienced orthopaedic surgeons trained at well-renowned institutes in India and outside India. The department facilitates latest and top-notch orthopaedic programs for minor disorders and complex joint replacement, spine surgery, trauma care, cancer management, fracture treatments, sports injury care and arthroscopic procedures. We provide a 360o approach for treatments which has made us the favourable choice for diagnosing musculo-skeletal conditions like arthroplasty (joint replacements), arthroscopy, limb reconstructions and complicated pelvic acetabular reformation.

About Fortis Memorial Research Institute

Fortis Memorial Research Institute is the flagship hospital of Fortis Healthcare Limited. It is a multi-super speciality, quaternary care hospital with a comprehensive team of clinicians and patient care programmes, supported by advanced technology and medical research solutions. Set on a spacious campus with a potential bed capacity of 1,000 beds, this ultra-modern facility utilises and showcases some of the latest technologies in use in world class health care. Some of the milestone technologies at the hospital include amongst the first pilot project for precision Radio-surgery in the world, integrated operating and procedure rooms, digitized critical care cubicles, advanced Cath-labs, transplant rooms, endoscopy suites, private birthing centres, a state-of-the-art radiation wing and a stem cell lab to name a few facilities. A range of thoughtful services and health facilities for patients and their attending family include several Art ‘n’ Health programmes to recuperate, a mini theatre to de-stress, retail therapy outlets for immediate needs and a food court providing a choice of dining options to replenish energies.

About Fortis Healthcare Limited

Fortis Healthcare Limited is a leading integrated healthcare delivery service provider in India. The healthcare verticals of the company primarily comprise hospitals, diagnostics and day care specialty facilities. Currently, the company operates its healthcare delivery services in India, Dubai, Mauritius and Sri Lanka with 45 healthcare facilities (including projects under development), approximately 10,000 potential beds and over 356 diagnostic centres.

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