



A surgeon who has spearheaded robotic joint surgery

Dr Santosh Kumar is a joint replacement surgeon based in Kolkata with experience of more than 10,000 joint replacement surgeries in the past 17 years. He heads the Santosh Kumar Hip and Knee Foundation, Momentum Orthocare, and is the director of joint replacement surgery at Belle Vue Clinic, Kolkata.

He has been instrumental in introducing the world's first fully active and automatic robot for knee replacement surgery in this region. Two types of robots are available — active and automatic. Active robots like CUVIS has an active au-



Dr Santosh Kumar

Dr Kumar is available for consultation at Belle Vue Clinic, Kolkata, daily and at the office of HIP and Knee Foundation in Lake Town.

tomatic robotic arm that allows for pre-planning, simulation, size and orientation along with pre-operative determination and finally executes the bone preparation according to plan with zero error. The doctors controls it with a hand-held remote. The advantages of this process are that it gives perfect alignment and replacement of the implant and causes less pain, as less soft tissue dissection is needed.

The CUVIS robotic system

