

## Doctors at Fortis Gurgaon implant 3D printed customised hip

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### The surgery went on for seven hours



The orthopaedics team at Fortis Memorial Research Institute, Gurugram recently implanted the largest (in India) custom-made 3D printed hip implant in a 60-year-old Tanzanian patient. The patient's pelvic bone was badly damaged due to three previous hip surgeries. The team of doctors led by Dr Subhash Jangid, Director and Unit Head, Bone and Joint Institute, Fortis Memorial Research Institute, Gurugram performed the surgery, which took around seven hours.

Dr Subhash Jangid, Director and Unit Head, Bone and Joint Institute at Fortis Memorial Research Institute, Gurugram said, "This is the first time such a large 3D printed customised implant has been used for hip surgery in India. Such cases are rare and complicated. We had to do a meticulous dissection of the important vessels and nerves supplying the limb as they were very close to the old prosthesis and embedded in the scar tissue of the previous surgery. Any damage to these important structures would have disastrous consequences as either the limb may get paralysed or severe bleeding from major intra-pelvic vessels can be life-threatening. We were able to save all important vessels, nerves and intra-pelvic organs of the patient."

Dr Ritu Garg, Zonal Director, Fortis Memorial Research Institute, Gurugram said, "The patient has been very satisfied with the consultative and thorough treatment approach and customised solution provided to her. I applaud the team of doctors for their continued commitment towards advanced and quality patient care."