

# Jhansi Emerges as the Destination for Robotic Joint Replacement

Dr Gaurav Gupta shares with *Outlook* how Bundelkhand's super-speciality hospital is reversing India's medical travel map through patient-focused treatment, robotic technology and orthopaedic care



**Dr Gaurav Gupta**  
 Joint Replacement & Sports Injury Specialist  
 (Trained in Switzerland and Germany)  
 Director, Jhansi Orthopaedic Hospital & Research Centre,  
 Faculty speaker -national orthopaedic conferences - AIIMS  
 CCA, CORA & UPOA

**Q Patients travelling to Jhansi from larger metros for surgery feel counterintuitive. What's driving this reversal?**

Advanced orthopaedic care is no longer limited to major metros. Patients from Delhi, Mumbai, Hyderabad, etc., are increasingly preferring other smaller city's super speciality centres such as Jhansi, seeking better technology and specialised surgery. At Jhansi Orthopaedic Hospital for our VELYS™ Robotic-Assisted Solution, we use technology the same as that available at leading metropolitan hospitals benefiting from the same advanced technology, greater precision and safety, while avoiding the higher costs, travel, and logistical challenges of metropolitan treatment.

**Q What is the unique differentiator of the VELYS™ Robotic-Assisted Solution system at your hospital?**

A key advantage of the VELYS™ platform is its image-less robotic-assisted knee replacement system, which performs real-time intraoperative mapping during surgery, eliminating the need for relying on routine pre-operative CT scans. This reduces radiation exposure while allowing surgical decisions to be customised to each

patient's anatomy in real time.

The system assists surgeons in achieving precise implant positioning, alignment, and soft-tissue balance—factors important for long-term joint function and recovery. Combined with the Johnson & Johnson ATTUNE knee implant platform, it is designed to support smoother movement and greater knee flexion, aligning well with the functional needs of many Indian patients.

**Q How do healthcare partnerships and patient-support services with your hospital benefit railway and BHEL employees?**

As a major North Central Railway hub, Jhansi offers excellent accessibility for patients. We serve beneficiaries under Railway Health Services, CGHS, ECHS, BHEL, leading insurers, and TPAs, bringing advanced robotic joint replacement closer to home. Our dedicated insurance and patient-support desk assists with approvals and paperwork, helping reduce stress for patients and families.

**Q How has the hospital evolved since its inception?**

After serving as Head of Orthopaedics at Maharani Laxmibai Medical College, my father, Prof Dr D K Gupta, founded Jhansi

Orthopaedic Hospital in 1997 with a vision of making advanced orthopaedic care accessible and affordable for Bundelkhand. Today, as a NABH pre-accredited super-speciality centre and one of the region's first and only providers of computer-navigated and robotic-assisted joint replacement, we continue that mission—bringing world-class joint care closer to home.

**Q How do you chart the patients' journey from consultation to recovery?**

Most patients arrive after years of knee pain and uncertainty. We begin with an honest assessment, recommending surgery only when truly necessary. That transparency is important for patients to overcome fear of surgery and recovery.

For those undergoing robotic-assisted knee replacement, early mobilisation and physiotherapy typically start within a day. Our physiotherapy team works closely with the surgical team, helping patients recover faster. For outstation patients, we help in follow-up rehabilitation and remote guidance wherever possible so that care extends beyond hospital discharge. Today, advanced technology and specialised care are making world-class treatment more accessible and closer to home.

**Patient Speak**

*"I needed robotic knee surgery and assumed I would have to travel to Delhi. My son found Jhansi Orthopaedic Hospital online. The surgery and care exceeded our expectations. Advanced treatment was available much closer to home."*

— **Deepa Jaiswal** | Prayagraj

*"I had stopped going to the temple for two years because climbing steps had become difficult. After surgery and rehabilitation, I was finally able to return comfortably. That moment meant everything to me."*

— **Rakesh Kumar Sharma** | Agra