

DR. RAHUL CHAUDHARI

Consultant - Spine Surgeon

Qualification

MBBS | MS | ECFMG

Overview

Dr. Rahul Chaudhari is a highly experienced and internationally trained Spine and Orthopaedic Surgeon at Manipal Hospitals, Baner, Pune, with over 15 years of clinical expertise in treating complex spinal conditions. A graduate of the renowned KEM Hospital, Mumbai, he completed his MBBS and MS in Orthopaedics before advancing his skills through multiple international fellowships in the United States. Dr. Chaudhari underwent specialised training in adult and pediatric spine surgery at the Twin Cities Spine Centre, Minneapolis, and the Hospital for Special Surgery, New York, two of the world's leading centres for spine care. He further deepened his expertise in spinal deformity correction with a focused fellowship in scoliosis surgery at the Children's Hospital in New Orleans. His clinical practice covers a wide range of spinal conditions, including degenerative spine disorders, scoliosis and spinal deformities, disc replacement, spinal fractures, infections, tumours, and non-fusion spine technologies. He is particularly known for his proficiency in minimally invasive spine surgery and microscopic discectomy, helping patients achieve faster recovery with less postoperative discomfort. Dr. Chaudhari places a

strong emphasis on conservative, non-surgical treatment options where possible and believes in tailoring each treatment plan to the patient's individual needs. His research has been published in top international journals, and he has presented his work at renowned global spine conferences. At Manipal Hospitals, Baner, Dr. Chaudhari brings world-class surgical precision, deep clinical insight, and a compassionate approach, making him one of Pune's most trusted names in spine care.

Fellowship & Membership

- Pediatric Orthopedic Fellowship.
- Spine/Scoliosis Fellowship.
- Pune Orthopedic Society (POS).
- Maharashtra Orthopedic Society (MOA).
- Bombay Orthopedic Society (BOS).
- Association of Spine Surgeons of India (ASSI).
- American Association of Orthopedic Surgeons (AAOS).

Field of Expertise

- Minimally Invasive Spine Surgery
- Microscopic Discectomy Disc Replacement
- Spine Fracture/ Infection/ Tumour
- Spinal Reconstruction Scoliosis Correction

Languages Spoken

- English
- Marathi
- Hindi

Talks & Publications

- Long fusion construct: Effect of a number of fusion levels on S1 screws Spine (Phila Pa 1976). 2011 Apr 15;36(8):624-9 PRE-MEDICAL SCHOOL EDUCATION PUBLICATIONS.
- Subaxial cervical pedicle screw insertion with newly defined entry point: Accuracy evaluation in cadavers. Eur Spine J. 2010 Jan;19(1):105-12. Epub 2009 Nov 15.
- Repeatability test of C7 plumb line and gravity line on asymptomatic volunteers using an optical measurement technique. Spine (Phila Pa 1976). 2010 Aug 15;35(18):E889-94.
- Biomechanical evaluation of an expandable meshed bag augmented with pedicle or facet screws for percutaneous lumbar interbody fusion Spine J. 2010 Nov;10(11):987-93.