

**DR. MANISH RAMAKRISHNA**

Consultant – Spine Surgery

**Qualification**

MBBS | MS (Orthopaedics) | DNB (Orthopaedics) | MNAMS | FNB (Spine Surgery)

## Overview

Dr. Manish Ramakrishna is a clinically focused orthopaedic and spine surgeon in Yelahanka. He is currently practising as a Consultant –Spine surgery at Manipal Hospital Yelahanka/Hebbal, Bangalore, with more than 10 years of clinical experience in managing complex trauma, degenerative spine disorders, and advanced musculoskeletal conditions. Dr. Manish's practice is anchored in structured decision-making and meticulous surgical execution. As one of the best orthopaedic Spine surgeons in Yelahanka and Hebbal, his expertise spans complex trauma, degenerative spine disorders, deformity correction, Keyhole spine surgery and minimally invasive spine procedures. He routinely evaluates and manages patients with spinal instability, disc disease, myelopathy, spondylolisthesis, deformities, infections, and tumours, offering both operative and non-operative solutions tailored to functional goals and long-term outcomes. His academic journey began with MBBS training at Ramaiah Medical College, followed by postgraduate orthopaedic training at JJM Medical College, Davangere, where he ranked among the top 5 performers at the university level. He further refined his clinical and teaching

expertise during senior residency roles at Bangalore Medical College & Research Institute and ESIC Medical College, Bengaluru. During this period, he independently handled advanced trauma cases, joint replacement procedures, and spinal surgeries, while also playing an active role in undergraduate and postgraduate education. Dr. Manish completed a highly competitive FNB Spine Fellowship at SKS Hospital and Postgraduate Medical Institute , securing a national rank in the fellowship entrance examination. During this fellowship, he independently performed in over 500 spine surgeries, including microscopic lumbar discectomy, decompression procedures, fracture fixation, TLIF, PLIF, OLIF, cervical and thoracic decompressions, deformity correction, tumour excisions, and craniovertebral junction stabilisation. His exposure includes both minimally invasive and open spinal techniques, supported by formal training through AO Spine and Medtronic-led programmes. Beyond clinical practice, Dr. Manish maintains a strong academic profile. He has presented extensively at national and international forums, including SICOT, IOACON, ASSICON, TNOACON, and KOACON, and has received multiple gold medals and best paper awards for original research in spinal biomechanics, myelopathy, spondylolisthesis, and deformity correction. His work has been published in reputed journals such as Clinical Spine Surgery, Journal of Orthopaedic Case Reports, and international orthopaedic publications, reflecting a sustained commitment to evidence-based practice. At Manipal Hospital Yelahanka, Dr. Manish plays an integral role in delivering advanced orthopaedic and spine services, managing complex referrals, and contributing to structured surgical pathways. Known for his calm communication style and attentive listening, he approaches patient care with clarity and empathy, ensuring individuals and families understand both the condition and the reasoning behind each treatment decision.

**Fellowship & Membership**

- FNB – Spine Surgery, National Board of Examinations
- MNAMS – Member, National Academy of Medical Sciences
- AO Spine – Trained participant (Degenerative & MIS courses)
- Association of Spine Surgeons of India (ASSI)
- Karnataka Orthopaedic Association (KOA)
- Indian Orthopaedic Association (IOA)
- TNOA 2025 Travelling fellowship in Endoscopic Spine surgery
- Tamil Nadu Orthopaedic Association
- AO Spine member

## Field of Expertise

- Degenerative spine disorders (cervical, thoracic & lumbar)
- Minimally invasive spine surgery (MISS & Endoscopic techniques)
- Microscopic lumbar discectomy & decompression
- Cervical spine surgery (ACDF, laminoplasty, laminectomy)
- Thoracolumbar trauma & fracture fixation
- Spondylolisthesis & deformity correction
- Craniovertebral junction stabilisation
- Spine tumours & spinal infections
- Revision spine surgery
- Osteoporotic spine fractures (vertebroplasty & fixation)

## Languages Spoken

- English
- Kannada
- Hindi
- Tamil
- Telugu

## Awards & Achievements

- Prof. C. Vyageswaradu Gold Medal – Best Paper, TNOACON 2025
- Best Poster Award, KOACON 2020 (Ballari)
- TNOA Inland Travelling Fellowship (2024–25) – Spine Endoscopy
- Enlisted for Best Consultant Medal Paper, KOACON 2025
- Awarded ICMR Grant during MBBS for clinical research
- Multiple gold medal and best paper recognitions at state and national conferences

## Talks & Publications

- Multiple podium and paper presentations at ASSICON, KOACON, IOACON, TNOACON, SICOT
- Gold medal sessions for spine and orthopaedics at IOACON 2024 and TNOACON 2025
- Best consultant paper and poster awards at KOACON 2025
- Comparative analysis of clinico-radiological parameters in thoracic myelopathy due to ossified yellow ligament – Clinical Spine Surgery
- Sub-acute post-traumatic ascending myelopathy with superimposed infection – International Journal of Research in Orthopaedics
- Transient brachial plexus palsy following scoliosis correction surgery – JOCR (Accepted)
- Role of platelet-rich plasma in early knee osteoarthritis – National Journal of Clinical Orthopaedics
- Peppering technique in lateral epicondylitis – Malaysian Journal of Orthopaedic Sciences
- GFR study in essential hypertension – International Journal of Pharma & Biosciences (ICMR-funded)