

Dr. K. Karthik Kailash, D.Ortho, MCh Ortho UK ,Fellow Spine Surgery (UK and USA)

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Current Positions (2025)

- Professor and Head, Department of Spine Surgery, Sri Ramachandra University, Chennai
- Professor, Department of Medical Sciences and Technology, IIT Madras
- Professor, Avicenna Tech University, USA
- Convenor and Chair — International Relations, SRIHER
- Founder President, Chennai Ortho Spine Society
- President, Minimally Invasive Spine Society of India
- Visiting Consultant to Republic of Namibia to set up a tertiary Spine center under the auspices of WHO Africa (AMSCO)

Career Summary

Prof. K. Karthik Kailash is a distinguished spine surgeon and academic leader with over three decades of experience in advanced spine surgery, clinical education, and research. He is one of the seniormost Spine Surgeons in India. His expertise spans minimally invasive spine surgery, complex deformity correction, and spinal trauma. He has played a pioneering role in establishing academic collaborations and advancing spine surgery education both nationally and internationally. He has done many Live surgery demonstrations Nationally and Internationally

Education & Qualifications

- D.Ortho India and Austria
- MCh (Ortho) Dundee UK

- Fellowship in Spine Surgery (UK and USA) with Arthur Steffee, Marc Asher Puno and Glassman in the USA and with McMaster (Edinburgh), Ray Ross (Manchester), Stewart Tucker (RNOH Stanmore)

Examinerships

- For FNB in Spine surgery at Various Centres in India
- Spine fellowship Exit exam at CMC Vellore, Ganga Hospital MIOT etc
- For the MCh course in UK

Clinical Expertise

- Minimally Invasive Spine Surgery (MIS TLIF, OLIF, Endoscopic Decompression)
- Spinal Deformity Correction
- Vertebroplasty and Stentoplasty
- Spinal Trauma and Reconstruction
- Degenerative and Osteoporotic Spine Disorders

Research & Publications

- Over 50 peer reviewed articles in National and International Journals
- Chapter contributor in 11 books
- Contributor to Global consensus statements on MISS techniques
- Lead author on reimbursement reform and surgical outcomes in Asia
- Has 6 research grants for various research projects at SRIHER and IIT Madras

Live Surgical Demonstrations

- Minimally Invasive Pedicle Screw Fixation
- MIS TLIF
- Vertebroplasty and Stentoplasty
- OLIF Surgery

Invited Lectures and Keynotes

Delivered keynote addresses at:

- ISASS Global Spine Congress
- KOMISS Annual Scientific Meeting
- MISSAB International Symposium
- Regular faculty at AO Spine, NASS, and WFNS NASS APSS and Singapore Spine Society Spine events

Awards & Recognitions

- Excellence in Orthopaedics — VS Hospital
- Lifetime Achievement Award for Developing Spine Surgery — Government of Tamil Nadu
- Lifetime Achievement Award for Service to Community — Rotary International

Professional Memberships & Leadership Roles

- President, Minimally Invasive Spine Society of India
- Founder President, Chennai Ortho Spine Society
- Convenor and Chair — International Relations, SRIHER
- Member, Association of Spine Surgeons of India (ASSI)
- Member, AO Spine

Teaching & Academic Contributions

Actively involved in undergraduate and postgraduate teaching at Sri Ramachandra University and IIT Madras. Mentored numerous fellows in spine surgery and guided research in minimally invasive and deformity correction techniques.

Community & Outreach Work

Organized multiple community spine camps, rehabilitation programs, and awareness initiatives focused on spinal health and early intervention in spinal disorders.

Engages with Rotary and public health organizations for spinal education.

Chairman and runs a Non Profit Organisation **KK Spine Foundation** to help with the treatment of Spinal Problems in the poor and the under privileged