

Mr Pal Lakshmanan

CV

PRINCIPAL PROFESSIONAL SPECIALISMS

Consultant Spinal Surgeon
MBBS, MS (Orth), AFRCS, FRCS (Tr & Orth)

QUALIFICATIONS & ACCREDITATION

- MBBS, Coimbatore Medical College, India, 1996
- MS Orthopaedics, Madras Medical College, Chennai, India, 2001
- AFRCS, Royal College of Surgeons in Ireland, 2003
- FRCS (Tr & Orth), Intercollegiate Specialty Examination, 2008

PAST & PRESENT POSITIONS

- **Consultant Spinal Surgeon**, Sunderland Royal Hospital, Sunderland, 2010–present
- **Consultant Spinal Surgeon**, Spire Washington Hospital, Washington, 2011–present
- **Advanced Spinal Fellow**, Schön Klinik München Harlaching, Munich, 2010
- **Advanced Spinal Fellow**, Centre for Spinal Studies and Surgery, Queen's Medical Centre, Nottingham, 2009–2010
- **Higher Surgical Trainee**, Northern Deanery, 2005–2010

COMMITTEES & POSITIONS

- British Association of Spine Surgeons (BASS) Executive Team, Research Lead, 2021–2026
- Editor of Column & Cord Journal, 2023 – present.
- BASS Aberdeen 2026 Organising Committee
- Assistant Editorial Board Member, European Spine Journal, 2015–present
- Spine Lecturer JBJS Miller MRC Oxford FRCS Orth Course, 2011–present

ABOUT MR LAKSHMANAN

Mr Lakshmanan is a Consultant Spinal Surgeon with a broad orthopaedic practice and subspecialist expertise in spine-related matters. His clinical work covers conditions affecting the spine from the occipitocervical junction to the coccyx, including degenerative cervical and lumbar spine conditions, thoracic spine pathology, spinal trauma, tumours, infections, inflammatory spinal conditions and osteoporotic spinal disorders.

Mr Lakshmanan has undertaken medico-legal work since 2010 and clinical negligence reporting since 2011. He prepares approximately 15 to 20 reports per year, with a claimant to defendant split of around 70:30. His medico-legal practice is mainly focused on spine-related matters, with wider orthopaedic expertise, particularly in general orthopaedic trauma. He provides independent expert evidence in personal injury and clinical negligence cases, including causation, condition and prognosis.

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PRIOR COMMITTEES & POSITIONS

- Spine Lead in Trauma and Orthopaedics, South Tyneside and Sunderland NHS Foundation Trust, 2021 – 2024.
- BritSpine Manchester 2024 Organising Committee
- BASS Belfast 2022 Organising Committee; BASS Bournemouth 2024 Organising Committee; BASS Aberdeen 2026 Organising Committee
- British Association of Spine Surgeons Subcommittee Member for Professional Practice, 2020 – 2021.
- Committee Member for MSK Pathways in Spine, 2016 – 2024.
- Strategic Regional Spine Network (North East) Member, 2019 – 2024.

ADDITIONAL POSTS

- Reviewer of European Spine Journal
- Reviewer of British Journal of NeuroSurgery
- Member Spinal cancer group of North of England Cancer Network
- Editorial Board Member in Journal of Orthopaedics
- Editorial Board Member in Advances in Orthopaedic Surgery
- Member of Drugs and Therapeutics committee, City Hospitals Sunderland
- In-Charge of Junior Doctors and Nurse practitioners in Trauma & Orthopaedics, City Hospitals Sunderland
- Resident Advisory Board Member in American Journal of Orthopedics
- AO UK faculty

COURSES ATTENDED AS FACULTY

- Sunderland Spine Forum Annual Meeting, 2015 - 2024, Organiser and Faculty
- EMEA Advanced Augmented Instructional Course, Switzerland, 2025
- BritSpine Masterclass Course, 2025
- BritSpine, Manchester, 2025
- British Association of Spine Surgeons Conference, Bournemouth, 2024
- British Association of Spine Surgeons Conference, Belfast, 2022
- Sunderland Spine Forum Annual Conference, Organiser and Faculty, 2015–2024
- Tamil Nadu Orthopaedic Association Annual Meeting, Chennai, Invited Guest Lecturer and Faculty, 2014
- NSpine Masters Course, Faculty, 2013

COURSES ATTENDED AS FACULTY

- Cadaveric Course on Minimally Invasive Spine Surgery, Lucerne, Switzerland, Organiser, 2013
- Miller UK Orthopaedic Course, Oxford, Spine Lecturer, 2011–2013
- Johnson & Johnson DePuy Synthes, Visiting Consultant for Spinal Surgery
- Johnson & Johnson DePuy Synthes, Overseas Faculty and Training Consultant for Spinal Surgery
- AOUK, Faculty
- Spinal ORP Course, Sunderland, Organiser and Faculty, 2011–2013
- ASiT Conference, Nottingham, Pre-conference Foundation Skills Course, 2009

PEER REVIEWED PUBLICATIONS

- Walking the Spine Line. Editorial. Column and Cord J. 2025 Mar;5:4-5. Germon T, Ahuja S, Lakshmanan P.
- Editorial Commentary on “Why this Bone graft substitute is My Go-To for spinal fusion”. Column and Cord J. 2025 Mar;5:18. Lakshmanan P, Ahuja S, Germon T.
- Editorial Commentary on “StArT Back or Start Diagnosing? An observational study”. Column and Cord J. 2025 Mar;5:32-33. Lakshmanan P, Ahuja S.
- What is the point of Column and Cord? Editorial. Column and Cord J. 2024 Mar;5:5. Germon T, Golash A, Lakshmanan P, Ahuja S.
- Editorial Commentary on “Cauda Equina Syndrome Pathway articles”. Column and Cord J. 2024 Mar;5:14-15. Lakshmanan P, Ahuja S.
- Editorial Commentary on “A year in spinal surgical medicolegal defence practice: an idiot’s guide”. Column and Cord J. 2024 Mar;5:9. Lakshmanan P.
- Utility of telephone consultations during COVID-19 and beyond: a study of orthopaedic spinal patients. Minerva Surg. 2022 Aug;77(4):360-367. Woodmass M, Ramshaw K, Lakshmanan P.
- Pediatric facet joint septic arthritis. Spine J. 2015 Jul 1;15(7):1686-1688. French R, Purushothaman B, Roysam GS, Lakshmanan P.
- Atlantoaxial rotatory subluxation as a cause of torticollis in a 5-year-old girl. BMJ Case Reports. 2014 May 15;2014:bcr2013202990. Bagouri E, Deshmukh S, Lakshmanan P.
- Reviewer’s comment concerning “Magnetic resonance imaging changes of intervertebral discs after kyphoplasty”. Eur Spine J. 2014 May 14. Kanna RM, Lakshmanan P.
- Secondary atlanto-odontoid osteoarthritis with osteoradionecrosis of upper cervical spine mimicking metastasis. BMJ Case Reports. 2013 Sep 13. Raza A, Islam M, Lakshmanan P.
- Sagittal endplate morphology of the lower lumbar spine. European Spine Journal. 2012 May;21 Suppl 2:S160-S164. Lakshmanan P, Purushothaman B, Dvorak V, Schratz W, Thambiraj S, Boszczyk M.
- Are we ready for Apps culture? American Journal of Orthopedics. 2011 Jul;40(7):E141-E142. Lakshmanan P.
- Transsacral screw fixation for high-grade spondylolisthesis. The Spine Journal. 2009 Dec;9(12):1024-1029. Lakshmanan P, Ahuja S, Lewis M, Howes J, Davies PR.
- Recurrence of kyphosis and its functional implications after surgical stabilisation of dorsolumbar fractures. The Spine Journal. 2009 Dec;9(12):1003-1009. Lakshmanan P, Jones A, Mehta J, Ahuja S, Davies PR, Howes JP.

Mr Pal Lakshmanan

PEER REVIEWED PUBLICATIONS

- Spondylodiscitis due to *Prevotella* associated with ovarian mass: a rare case report and review of literature. *World Neurosurgery*. 2010 Feb;73(2):119-122. Purushothaman B, Lakshmanan P, Gatehouse S, Fender D.
- Radiographic assessment of the level of sternal notch and its significance in approaching the upper thoracic spine. *American Journal of Orthopedics*. 2009 Apr;38(4):E71-E74. Lakshmanan P, Lyons K, Davies PR, Howes J, Ahuja S.
- Ligamentotaxis for Barton's and paediatric distal radius fractures. *Journal of Orthopaedic Surgery*. 2009 Apr;17(1):28-30. Lakshmanan P, Sayana MK, Purushothaman B, Sher JL.
- Achieving 360° fusion in high-grade spondylolisthesis using HMA screws. *Surgical Technology International*. 2009;18:219-222. Lakshmanan P, Ahuja S, Lewis M, Howes JP, Davies PR.
- Percutaneous K-wire fixation for distal radius fractures: is the infection rate acceptable? *Journal of Orthopaedic Surgery*. 2010 Apr;18(1):85-86. Lakshmanan P, Dixit V, Reed M, Sher JL.
- Impact of reinfusion drains on haemoglobin level in total knee arthroplasty. *American Journal of Orthopedics*. 2010 Feb;39(2):70-74. Lakshmanan P, Purushothaman B, Sharma A.
- Extraarticular fixation for Lisfranc injury. *Surgical Technology International*. 2010;19:199-202. Purushothaman B, Robinson E, Lakshmanan P, Siddique M.
- Thoracic vertebral osteomyelitis secondary to chronic oesophageal perforation. *The Spine Journal*. 2009 Apr;9(4):e1-e5. Sreedharan L, Lakshmanan P, Shenfine J, Gibson MJ, Griffin SM.
- How beneficial are reinfusion drains in total knee arthroplasty? *Transfusion Medicine*. 2008 Feb;18(1):74-75. Lakshmanan P, Purushothaman B, Sharma A.
- Achieving required medial offset and limb length in total hip arthroplasty. *Acta Orthopaedica Belgica*. 2008;74(1):49-53. Lakshmanan P, Ahmed S, Hansford RGN, Woodnutt DJ. Lakshmanan P, Dixit V, Sharma A, Lyons K, Fairclough JA.
- Total hip replacement for fracture neck of the femur: a survey of National Joint Registers. *Acta Orthopaedica Belgica*. 2008;74(1):54-58. Sayana MK, Lakshmanan P, Peehal JP, Wynn-Jones C, Maffulli N.
- Analysis of outcome of surgical treatment for anterior tibial spine avulsion fractures. *Acta Orthopaedica Belgica*. 2008;74(1):90-97. Sharma A, Lakshmanan P, Peehal JP, David H.
- A calibrated patient positioning device for total hip arthroplasty. *European Journal of Orthopaedic Surgery and Traumatology*. 2008 Feb;18(2):173-174. Lakshmanan P, Ahmed S, Woodnutt DJ.
- Occult fractures of the hip and pelvic ring: are they mutually exclusive? *Journal of Bone and Joint Surgery British Volume*. 2007 Oct;89(10):1344-1346. Lakshmanan P, Sharma A, Lyons K, Peehal JP.
- The influence of surgical approach on cemented stem stability: an RSA study. *Clinical Orthopaedics and Related Research*. 2007 Nov;464:262. Purushothaman B, Lakshmanan P.
- Low anterior cervical approach to the upper thoracic spine: a decision by preoperative MRI scans. *Diagnostic and Interventional Radiology*. 2007 Mar;13(1):30-32. Lakshmanan P, Ahmed S, Al-maiyah M, Lyons K, Davies PR, Howes J, Ahuja S.
- Sequestered lumbar intervertebral disc in the posterior epidural space: a report on two cases and review of the literature. *The Spine Journal*. 2006;6(5):583-586. Lakshmanan P, Ahuja S, Lyons K, Howes J, Davies PR.
- Avulsion of anterior cruciate ligament from femoral condyle: an unusual case report and review of the literature. *Knee Surgery, Sports Traumatology, Arthroscopy*. 2006;14(11):1176-1179.
- CT evaluation of the pattern of odontoid fractures in the elderly: a relationship to upper cervical spine osteoarthritis. *European Spine Journal*. 2005 Feb;14(1):78-83. Lakshmanan P, Jones A, Howes J, Lyons K.
- "Created" patella in total knee arthroplasty after prior patellectomy. *Surgical Technology International*. 2005;14:275-278. Lakshmanan P, Wilson C.
- Management of an unusual intra-extra-capsular subcapital femoral neck fracture. *Acta Orthopaedica Belgica*. 2005;71:622-625. Lakshmanan P, Peehal JP.
- Partial wound closure of the Cincinnati incision in clubfoot correction. *European Journal of Orthopaedic Surgery and Traumatology*. 2005;15(1):28-31. Lakshmanan P, Phillips SJ, Thomas RH, O'Doherty DP.
- Anaphylaxis following prophylactic i.v. cephadrine in an orthopaedic patient. *European Journal of Orthopaedic Surgery and Traumatology*. 2005;15(1):32-33. Lakshmanan P, Thomas DP.
- Chronic Achilles tendinopathy: treatment with shock waves. *Foot and Ankle Surgery*. 2004;10(3):125-130. Lakshmanan P, O'Doherty DP.
- Management of crown-of-thorns starfish injury. *Foot and Ankle Surgery*. 2004;10(3):155-157. Lakshmanan P, Roy S, Fairclough JA.
- Total knee arthroplasty in a patellectomised posterior cruciate ligament-deficient knee: a new technique of patellar tendon bone grafting. *The Knee*. 2004;11(6):481-484. Lakshmanan P, Wilson C.
- A durable protective cover for the pole used in fracture table: tips and techniques. *Injury Extra*. 2004;35(11):94-96. Lakshmanan P.
- Open reduction of congenital dislocation of the knee: a report on two cases. *European Journal of Orthopaedic Surgery and Traumatology*. 2004;14(4):249-251. Lakshmanan P, Sharma A, Hemmadi S, Fairclough JA.
- Non-union of stress fracture of femoral neck in a child managed with valgus osteotomy. *European Journal of Trauma*. 2004;30(6):406-408. Lakshmanan P, Thomas DP.
- Management of mild to moderate limb-length discrepancy: percutaneous epiphyseodesis. *Welsh Paediatric Journal*. 2004;20:19-22. Lakshmanan P, Hemmadi S, Fairclough JA.
- Non-traumatic subluxation of the atlantoaxial joint: Grisel's syndrome in a child with Down syndrome. *Welsh Paediatric Journal*. 2004;20:26-28. Lakshmanan P, Jones A, Lyons K, Howes J.
- Traumatic upper cervical spine instability: surgical management. *Journal of Tamil Nadu Orthopaedic Association*. 2001;27:76-78. Palaniappan L, Govardhan RH, Selvaraj R, Annamalai K, Subramanian