

Curriculum Vitae

of

Mr. Pal Lakshmanan

MBBS, MS (Orth), AFRCs, FRCS (Tr & Orth)

January 2026

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Palaniappan Lakshmanan

GMC Status	Full Registration (6038229)
Membership	British Association of Spine Surgeons North American Spine Society AO Spine International ePro Tamil Nadu Orthopaedic Association
Work address	Consultant Spinal Surgeon Dept of Trauma & Orthopaedics Sunderland Royal Hospital Kayll Road Sunderland SR4 7TP
Secretary	Ms Victoria McLaren (NHS) Mrs Brenda Smith (Private) Medicolegal Team
Tel No	0191 565 6256 Extn: 41279 (Sec) – NHS 0191 415 1272 (Private) 07772030888 (Medicolegal)
eMail (Medicolegal)	palmedicolegal@gmail.com

Academic Qualifications

FRCS (Tr & Orth)	Intercollegiate Speciality Examination	Sep 2008
AFRCS	Royal College of Surgeons In Ireland	April 2003
MS (Orth)	Madras Medical College, Chennai, INDIA	April 2001
MBBS <u>Best Outgoing Student</u>	Coimbatore Medical College, Coimbatore, INDIA	Dec 1996

My Practice

I am a spinal surgeon providing comprehensive surgical and interventional care for conditions affecting the spine from the occipito-cervical junction to the coccyx. My practice encompasses all major areas of spinal care, with a particular focus on minimally invasive and microsurgical techniques. In selected patients, I perform percutaneous procedures, including pedicle screw fixation and fusion/stabilisation.

A significant proportion of my workload involves degenerative cervical and lumbar spine surgery, alongside regular thoracic spine operations. I treat a broad range of spinal conditions, including spinal tumours/cancer, spinal infections (both de novo and postoperative), spinal trauma, degenerative disorders, and inflammatory spinal conditions.

In addition to routine decompression and fusion procedures, I perform both anterior and posterior approaches across the cervical, thoracic, and lumbosacral spine, including disc replacement and fusion surgeries. For selected patients, I also undertake percutaneous disc procedures.

My practice includes comprehensive interventional spine management, with procedures such as nerve root blocks, facet joint blocks, caudal epidurals, and discography. I have a special interest in the ageing spine and osteoporotic spinal conditions, and I perform vertebroplasty, kyphoplasty, and lordoplasty (a combined approach aimed at improved correction). Where appropriate, I perform cement-augmented pedicle screw fixation in osteoporotic patients.

Even though my main work is spine related medicolegal work, I also undertake medicolegal work across orthopaedics, especially in general orthopaedic trauma.

Medicolegal

Since commencing my medicolegal practice in 2010, I have provided:

- Independent expert evidence across the breadth of orthopaedics, with subspecialist expertise in spine-related matters.
- I accept a regular volume of instructions and offer prompt appointment availability, typically within 1–2 weeks.
- Reports are produced with a fast turnaround—usually within 2–3 weeks of assessment and receipt of relevant records—while maintaining clear, balanced analysis and compliance with court requirements.
- My instructions are predominantly in personal injury litigation
- Well established in clinical (medical) negligence work, including causation, condition and prognosis.

- I am registered with the Information Commissioner's Office (ICO: ZC045883) and handle sensitive data in accordance with data protection standards.
- Started medico-legal reports: 2010
- Started ClinNeg reports: 2011
- Average number of reports undertaken annually: ~25
- Claimant / Defendant: 70:30
- Experience of preparing statements with the other party: Yes
- How many times you have attended trial: 0

Committees and Responsibilities

1. British Association of Spine Surgeons (BASS) Executive Team – Research Lead, March 2021 – 2026.
2. Editor of Column & Cord Journal, 2023 – present.
3. Spine Lead in Trauma and Orthopaedics, South Tyneside and Sunderland NHS Foundation Trust, January 2021 – June 2024.
4. BritSpine Manchester 2024 Organising Committee
5. BASS Belfast 2022 Organising Committee; BASS Bournemouth 2024 Organising Committee; BASS Aberdeen 2026 Organising Committee
6. British Association of Spine Surgeons Subcommittee Member for Professional Practice, October 2020 – March 2021.
7. Committee Member for MSK Pathways in Spine, April 2016 – 2024.
8. Strategic Regional Spine Network (North East) Member, 2019 – 2024.
9. Assistant Editorial Board Member for European Spine Journal, April 2015 – present.
10. Medicolegal Expert, August 2010 – present.
11. Spine Lecturer JBJS Miller MRC Oxford FRCS Orth Course, 2011-present

Faculty & Courses Attended as Faculty

1. EMEA Advanced Augmented Instructional Course Switzerland Nov 2025
2. BritSpine Masterclass Course Mar 2025
3. BritSpine, Manchester, Mar 2025
4. British Association of Spine Surgeons Conference, Bournemouth, Mar 2024
5. British Association of Spine Surgeons Conference, Belfast, Mar 2022
6. Sunderland Spine Forum Annual Conference – Organiser & Faculty, 2015-2024
7. TamilNadu Orthopaedic Association Annual Meeting, Chennai 2014 – invited Guest Lecturer and Faculty.
8. NSpine 2013 Faculty on Masters Course
9. Organiser of Cadaveric Course on Minimally Invasive Spine Surgery, Lucerne, Switzerland – Nov 2013
10. Spine Lecturer in Miller UK Orthopaedic Course, Oxford – 2011, 2012, 2013
11. Visiting Consultant for Johnson & Johnson DePuy Synthes for Spinal Surgery
12. Overseas Faculty & Training Consultant for Johnson & Johnson DePuy Synthes for Spinal Surgery
13. AOUK Faculty
14. Spinal ORP Course, Sunderland, 2011, 2012, 2013 – Organiser + Faculty
15. ASiT (Association of Surgeons in Training) Conference, Nottingham (27-29 March '09) – Preconference Foundation Skills Course

Employment history

Present appointment

Consultant Spinal Surgeon with From June '10 Sunderland Royal Hospital,

Orthopaedic Trauma

Sunderland

Private Practice

Consultant Spinal Surgeon

From May '11

Spire Washington Hospital,
Washington

Previous appointment

Advanced Spinal Training

(Minimally

Invasive Spine Surgery, Microsurgery)

May '10-Jun '10

Spinal Fellowship (2 weeks)

Schon Klinik

Munchen Harlaching, Munich
(AO Spine Centre)

Prof Mayer, Prof Biesse, A Korge

Advanced Spinal Training

(Complex Spine & Minimally

Invasive Spine Surgery)

July '09-Jun '10

Spinal Fellowship (12 months)

Centre for Spinal Studies and Surgery

Queen's Medical Centre, Nottingham
(AO Spine Centre)

**Higher Surgical Training rotation
in Trauma & Orthopaedics**

May '05-Jun '10

Northern Deanery

Additional posts:

1. Reviewer of European Spine Journal
2. Reviewer of British Journal of NeuroSurgery
3. Member Spinal cancer group of North of England Cancer Network
4. Editorial Board Member in Journal of Orthopaedics
5. Editorial Board Member in Advances in Orthopaedic Surgery
6. Member of Drugs and Therapeutics committee, City Hospitals Sunderland
7. In-Charge of Junior Doctors and Nurse practitioners in Trauma & Orthopaedics, City Hospitals Sunderland
8. Resident Advisory Board Member in American Journal of Orthopedics
9. AO UK faculty
10. Spine Lecturer MillerUK FRCS Orth Course

Publications in peer reviewed journals

1. **Paediatric Grisel's syndrome: a systematic review and pooled proportion meta-analysis of 202 children through June 2025** *J Craniovertebr Junction Spine*. Forthcoming.
Palaniappan U, Khan S, Ramshaw K, **Lakshmanan P.**
2. **Walking the Spine Line. (Editorial).** *Column and Cord J.* 2025 Mar;5:4-5.
Germon T, Ahuja S, **Lakshmanan P.**
3. **Editorial Commentary on "Why this Bone graft substitute is My Go-To for spinal fusion" (by numerous invited authors).** *Column and Cord J.* 2025 Mar;5:18.

Lakshmanan P, Ahuja S, Germon T.

- 4. Editorial Commentary on “STarT Back or Start Diagnosing? An observational study” (by T Germon, A Jack and J Hobart).** *Column and Cord J.* 2025 Mar;5:18.32-33.
Lakshmanan P, Ahuja S.
- 5. 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.**
- 6. Editorial Commentary on “Cauda Equina Syndrome Pathway (CES) articles” (Article 1 by I Hoeritzauer and M Hutton, Article 2 by T Germon).** *Column and Cord J.* 2024 Mar;5:14-15.
Lakshmanan P, Ahuja S
- 7. Editorial Commentary on “A year in spinal surgical medicolegal (Defence) practice – an idiot’s guide” (by A Torrie).** *Column and Cord J.* 2024 Mar;5:9.
Lakshmanan P.
- 8. Utility of telephone consultations during COVID-19 and beyond: a study of orthopedic spinal patients.** *Minerva Surg.* 2022 Aug;77(4):360-367.
Woodmass M, Ramshaw K, **Lakshmanan P.**
- 9. Pediatric facet joint septic arthritis.** *Spine J.* 2015 Jul 1;15(7):1686-8.
French R, Purushothaman B, Roysam GS, **Lakshmanan P.**
- 10. Atlantoaxial rotatory subluxation as a cause of torticollis in a 5-year-old girl.** *BMJ Case Reports.* 2014 May 15;2014. pii: bcr2013202990
Bagouri E, Deshmukh S, **Lakshmanan P.**
- 11. Reviewer's comment concerning "Magnetic resonance imaging changes of intervertebral discs after kyphoplasty" (doi:10.1007/s00586-014-3244-8 by M. A. König, S. Panzer and B. M. Boszczyk).** *Eur Spine J.* 2014 May 14. [Epub ahead of print]
Kanna RM, **Lakshmanan P.**
- 12. Secondary atlanto-odontoid osteoarthritis with osteoradionecrosis of upper cervical spine mimicking metastasis.** *BMJ Case Reports.* (Case Report) 2013 Sep 13.
Raza A, Islam M, **Lakshmanan P.**
- 13. Sagittal endplate morphology of the lower lumbar spine.** *European Spine Journal.* (Original Article) 2012 May; 21 Suppl 2: S160-S164.
Lakshmanan P, Purushothaman B, Dvorak V, Schratt W, Thambiraj S, Boszczyk M.
- 14. Are we ready for Apps culture?** *American Journal of Orthopedics.* (Guest Editorial) Am J Orthop (Belle Mead NJ). 2011 Jul;40(7):E141-2.
P Lakshmanan
- 15. Transsacral screw fixation for high-grade spondylolisthesis.** *The Spine Journal.* (Technical Article) 2009 Dec; 9(12): 1024-1029.
P Lakshmanan, S Ahuja, M Lewis, J Howes, PR Davies
- 16. Recurrence of kyphosis and its functional implications after surgical stabilisation of dorsolumbar fractures.** *The Spine Journal.* (Original Article) 2009 Dec; 9(12): 1003-1009.
P Lakshmanan, A Jones, J Mehta, S Ahuja, PR Davies, JP Howes
- 17. Spondylodiscitis due to Prevothella associated with Ovarian mass - A rare case report and review of literature.** *World Neurosurgery.* (Case Report). 2010 Feb;73(2):119-22.
B Purushothaman, **P Lakshmanan, S Gatehouse, D Fender**

18. **Radiographic assessment of the level of sternal notch and its significance in approaching the upper thoracic spine.** *American Journal of Orthopedics*. (Original Article). 2009 Apr; 38(4): E71-74.
P Lakshmanan, K Lyons, PR Davies, J Howes, S Ahuja
19. **Ligamentotaxis for Barton's and paediatric distal radius fractures.** *Journal of Orthopaedic Surgery (Hongkong)*. (Original Article). 2009 Apr; 17(1): 28-30.
P Lakshmanan, MK Sayana, B Purushothaman, JL Sher
20. **Achieving 360° fusion in high grade spondylolisthesis using HMA screws.** *Surgical Technology International*. (Surgical Technique). 2009; 18: 219-222
P Lakshmanan, S Ahuja, M Lewis, JP Howes, PR Davies
21. **Percutaneous k-wire fixation for distal radius fractures – Is the infection rate acceptable?** *Journal of Orthopaedic Surgery (Hongkong)*. (Original Article). 2010 Apr; 18(1):85-6.
P Lakshmanan, V Dixit, M Reed, JL Sher
22. **Impact of reinfusion drains on haemoglobin level in total knee arthroplasty.** *American Journal of Orthopedics*. (Original Article). 2010 Feb; 39(2):70-4.
P Lakshmanan, B Purushothaman, A Sharma
23. **Extraarticular fixation for Lisfranc injury.** *Surgical Technology International*. (Original Article). 2010; 19:199-202.
B Purushothaman, E Robinson, P Lakshmanan, M Siddique
24. **Thoracic vertebral osteomyelitis secondary to chronic oesophageal perforation.** *The Spine Journal*. (Case Report). 2009 Apr; 9(4): e1-5. Epub 2008 Jul 21.
L Sreedharan, P Lakshmanan, J Shenfine, MJ Gibson, SM Griffin
25. **How beneficial are reinfusion drains in Total knee arthroplasty?** *Transfusion Medicine*. (Short Communication/Letter) - 2008 Feb; 18(1): 74-75
P Lakshmanan, B Purushothaman, A Sharma
26. **Achieving required medial offset and limb length in total hip arthroplasty.** *Acta Orthopaedica Belgica*. (Original Article) – 2008; 74(1): 49-53.
P Lakshmanan, SMY Ahmed, RGN Hansford, DJ Woodnutt
27. **Total Hip Replacement for fracture neck of the femur – A survey of National Joint Registers.** *Acta Orthopaedica Belgica*. (Review Article) - 2008; 74(1): 54-58.
M K Sayana, P Lakshmanan, JP Peehal, C Wynn-Jones, N Maffulli
28. **Analysis of outcome of surgical treatment for anterior tibial spine avulsion fractures.** *Acta Orthopaedica Belgica*. (Original Article) - 2008; 74(1): 90-97.
A Sharma, P Lakshmanan, JP Peehal, H David
29. **A calibrated patient positioning device for Total Hip Arthroplasty.** *European Journal of Orthopaedic Surgery and Traumatology*. (Technical Note) – 2008 Feb; 18(2): 173-174
P Lakshmanan, S Ahmed, DJ Woodnutt
30. **Occult fractures of the hip and pelvic ring – Are they mutually exclusive?** *Journal of Bone and Joint Surgery British vol.* (Original Article) - 2007 Oct; 89(10): 1344-1346
P Lakshmanan, A Sharma, K Lyons, JP Peehal
31. **The Influence of Surgical Approach on Cemented Stem Stability - An RSA Study.** *Clinical Orthopaedics and Related Research*. (Letter) – 2007 Nov; 464: 262
B Purushothaman, P Lakshmanan

32. **Low anterior cervical approach to the upper thoracic spine: a decision by preoperative MRI scans.** *Diagnostic Intervention Radiology*. (Original Article) – 2007 Mar; 13(1): 30-32
P Lakshmanan, S Ahmed, M Al-maiyah, K Lyons, PR Davies, J Howes, S Ahuja
33. **Sequestered lumbar intervertebral disc in the posterior epidural space - A report on two cases and review of the literature.** *The Spine Journal*. (Case Report) – 2006; 6(5): 583-586
P Lakshmanan, S Ahuja, K Lyons, J Howes, PR Davies
34. **Avulsion of anterior cruciate ligament from femoral condyle – an unusual case report and review of the literature.** *Knee Surgery, Sports Traumatology, Arthroscopy*. (Case Report) – 2006; 14(11): 1176-1179
P Lakshmanan, V Dixit, A Sharma, K Lyons, JA Fairclough
35. **CT evaluation of the pattern of odontoid fractures in the elderly- a relationship to upper cervical spine osteoarthritis.** *European Spine Journal*. (Original Article) – 2005 Feb;14(1):78-83. Epub 2004 Jun 15
P Lakshmanan, A Jones, J Howes, K Lyons
36. **“Created” patella in total knee arthroplasty after prior patellectomy.** *Surgical Technology International*. (Invited article) – 2005;14: 275-278
P Lakshmanan, C Wilson
37. **Management of an unusual intra-extra-capsular subcapital femoral neck fracture.** *Acta Orthopaedica Belgica*. (Case Report & technique) – 2005;71: 622-625
P Lakshmanan, JP Peehal
38. **Partial wound closure of the Cincinnati incision in clubfoot correction.** *European Journal of Orthopaedic Surgery and Traumatology*. (Original Article) – 2005;15(1):28-31
P Lakshmanan, SJ Phillips, RH Thomas, DP O’Doherty
39. **Anaphylaxis following prophylactic i.v. cephadrine in an orthopaedic patient.** *European Journal of Orthopaedic Surgery and Traumatology*. (Case Report) – 2005;15(1):32-33
P Lakshmanan, DP Thomas
40. **Chronic Achilles tendinopathy – Treatment with shock waves.** *Foot and Ankle Surgery*. (Original Article) – 2004;10(3):125-130 (Featured in Science Direct Top 25 Articles)
P Lakshmanan, DP O’Doherty
41. **Management of crown-of-thorns starfish injury.** *Foot and Ankle Surgery*. (Case Report) – 2004;10(3):155-157 – The article was selected to be featured on MDLinx-
<http://www.mdlinx.com>
P Lakshmanan, S Roy, JA Fairclough
42. **Total knee arthroplasty in a patellectomised posterior cruciate ligament- deficient knee: a new technique of patellar tendon bone grafting.** *The Knee*. (Case Report) – 2004;11(6):481-484
P Lakshmanan, C Wilson
43. **A durable protective cover for the pole used in fracture table: tips and techniques.** *Injury Extra* – 2004;35(11):94-96
P Lakshmanan
44. **Open reduction of congenital dislocation of the knee – a report on two cases.** *European Journal of Orthopaedic Surgery and Traumatology*. (Case Report) -2004;14(4):249-251
P Lakshmanan, A Sharma, S Hemmadi, JA Fairclough

45. **Non union of stress fracture of femoral neck in a child managed with valgus osteotomy.** *European Journal of Trauma.* (Case Report) – 2004;30(6):406-408
P Lakshmanan, DP Thomas
46. **Management of mild to moderate limb-length discrepancy – percutaneous epiphyseodesis.** *Welsh Paediatric Journal.* (Original Article) – 2004;20:19-22
P Lakshmanan, S Hemmadi, JA Fairclough
47. **Non-traumatic subluxation of the atlantoaxial joint: Grisel's syndrome in a child with Down syndrome.** *Welsh Paediatric Journal.* (Case Report) – 2004;20:26-28
P Lakshmanan, A Jones, K Lyons, J Howes
48. **Traumatic Upper Cervical Spine Instability - Surgical Management.** *Journal of TamilNadu Orthopaedic Association.* (Original Article) - 2001;27:76-78
Palaniappan L, Govardhan RH, Selvaraj R, Annamalai K, Subramanian M

Chapters in online textbooks/medical websites

1. **Wrist arthritis.** *emedicine.com*
P Lakshmanan, JL Sher
2. **Malunion of hand fractures.** *emedicine.com*
P Lakshmanan, P Damodaran, JL Sher
3. **Infantile Scoliosis.** *emedicine.com*
P Lakshmanan, JP Peehal, S Ahuja
4. **Fingertip Amputation.** *emedicine.com*
P Lakshmanan
5. **Parosteal osteosarcoma.** *emedicine.com*
P Lakshmanan, C Gerrand, G Hyde, P Dildey
6. **Chondroma.** *emedicine.com*
P Lakshmanan, PJ Jennings, R Dharmarajan
7. **Chondrosarcoma.** *emedicine.com*
P Lakshmanan, PJ Jennings, R Dharmarajan
8. **Coccygectomy.** *emedicine.com*
P Lakshmanan, N Khalid, J Kent
9. **Spinal Allografts.** *emedicine.com*
P Lakshmanan, AK Agarwal
10. **Transmetatarsal Amputation.** *emedicine.com*
P Lakshmanan, S Hassan, K Devalia

Publications in non-peer reviewed medical journals

1. **Current concepts in the management of acute cervical spine facet joint dislocations.** *Spinal Surgery News* – Autumn 2009. To feature in Orthopaedic Product News
W Schratt, P Lakshmanan, S Ahuja
2. **Bone graft and its substitutes in Spinal Surgery.** *Spinal Surgery News* – Summer 2009
P Lakshmanan, S Ahuja

3. **Management of high grade spondylolisthesis.** *Spinal Surgery News* – Spring 2009
P Lakshmanan, S Ahuja
4. **Spinal Tumour Surgery.** *Spinal Surgery News* – Autumn 2007
P Lakshmanan, S Ahuja
5. **Current trends in degenerative adult scoliosis.** *Spinal Surgery News* – Summer 2007
P Lakshmanan, S Ahuja

Chapters in Textbooks

1. **Transsacral fixation in high grade spondylolisthesis.** *Manual of Spine Surgery* 2012.
2. **ACL avulsion injuries in children.** *Anterior cruciate ligament: Causes of injury, adverse effects and treatment* – Nova Science publishers.

Reviewer of articles for journals

1. **European Spine Journal**
2. **British Journal of Neurosurgery**
3. **Yonsei Medical Journal**
4. **Injury Prevention – Part of BMJ group journals**
Impact factor – 1.6
5. **The Journal of Hematology & Oncology**
6. **Expert Review of Medical Devices**
Impact factor – 1.519
7. **Journal of Medical Case Reports – Part of Biomed Central**
8. **Journal of Neurosciences in rural practice**

Editorial Board Member

1. European Spine Journal (Assistant Editorial Board Member)
2. Advances in Orthopedic Surgery
3. Journal of Orthopaedics

Publication as Abstracts in peer reviewed journals

1. **Vertebral Artery Injury in Paediatric Cervical Spine Trauma: A Systematic Review and Meta-Analysis.** British Association of Spine Surgeons Annual Conference (BASS 2026), Aberdeen: April–May 2026. *Column & Cord*.
Unnamalai Palaniappan, Kathryn Ramshaw, and **Lakshmanan P.**
2. **C2 Translaminar Screw Fixation in Adult Trauma: A Systematic Review and Meta-Analysis.** British Association of Spine Surgeons Annual Conference (BASS 2026), Aberdeen: April–May 2026. *Column & Cord*.
Unnamalai Palaniappan, Kathryn Ramshaw, and **Lakshmanan P.**
3. **Sex Differences in Spinopelvic Alignment: A Systematic Review and Meta-Analysis of Asymptomatic Populations with Exact Sex-Specific Extraction and Age-Stratified Synthesis.**

British Association of Spine Surgeons Annual Conference (BASS 2026), Aberdeen: April–May 2026. *Column & Cord*.

Unnamalai Palaniappan, Kathryn Ramshaw, and **Lakshmanan P.**

4. Spinal Bone Mineral Density and Management in Ochronosis (Alkaptonuria): A Systematic Review and Meta-Analysis Feasibility Assessment. British Association of Spine Surgeons Annual Conference (BASS 2026), Aberdeen: April–May 2026. *Column & Cord*.
Unnamalai Palaniappan, Kathryn Ramshaw, and **Lakshmanan P.**
5. Incidence and Outcomes of Cauda Equina Syndrome in Severe Lumbar Stenosis: A Meta-Analysis & Systematic Review. British Association of Spine Surgeons Annual Conference (BASS 2026), Aberdeen: April–May 2026. *Column & Cord*.
Unnamalai Palaniappan, Kathryn Ramshaw, and **Lakshmanan P.**
6. Septic Arthritis of the Sacroiliac Joint in Adults and Children: Systematic Review and Cumulative Evidence Synthesis up to June 2025. British Association of Spine Surgeons Annual Conference (BASS 2026), Aberdeen: April–May 2026. *Column & Cord*.
Unnamalai Palaniappan, Kathryn Ramshaw, and **Lakshmanan P.**
7. Two vs Three Implants in SI Joint Fusion: Systematic Review and Meta-Analysis of Exact-Count Cohorts for Chronic Non-Traumatic SIJ Pain. British Association of Spine Surgeons Annual Conference (BASS 2026), Aberdeen: April–May 2026. *Column & Cord*.
Unnamalai Palaniappan, Kathryn Ramshaw, and **Lakshmanan P.**
8. Does the GIRFT Interactive Pathway Serve Its Purpose? British Association of Spine Surgeons Annual Conference (BASS 2026), Aberdeen: April–May 2026. *Column & Cord*.
Kathryn Ramshaw, Unnamalai Palaniappan, Gregory Bunea, Lisa Wilson, J. Rees, Advait Nair, Jayne Lintern, and **Lakshmanan P.**
9. Systematic Review of Acute Compartment Syndrome of Paraspinal Muscles. *Column & Cord* (5): March 2025.
Unnamalai Palaniappan, Kathryn Ramshaw, and **Lakshmanan P.**
10. Analysis of Complications Associated with Combined Single Stage Anterior and Posterior Cervical Spine Decompression Fusion Surgery.” *Column & Cord* (5): March 2025.
Ramshaw, Kathryn, Funbi Ayeni, Jon Rees, and **Lakshmanan P.**
11. Analysis of Spaghetti-Like Appearance of Redundant Nerve Roots in Lumbar Canal Stenosis. *Column & Cord* (5): March 2025.
Unnamalai Palaniappan, Kathryn Ramshaw, and **Lakshmanan P.**
12. Outcome of ceramic on ceramic disc arthroplasty in cervical spine. *Global Spine J.* 2019;9(Suppl 2)
Gohnem Y, Ramshaw K, **Lakshmanan P.**
13. Metastatic spinal cord compression: surgical management in a district general hospital. *Global Spine J.* 2019;9(Suppl 2)
Ramshaw K, Rowley AM, **Lakshmanan P.**
14. Surgical management, survival rate and recurrence of metastatic renal cell carcinoma in vertebral bodies. *Global Spine J.* 2019;9(Suppl 2)
Ramshaw K, Gohnem Y, Rowley AM, **Lakshmanan P.**

15. Length of stay after lumbar spine surgery in a private hospital after early mobilisation. *Global Spine J.* 2019;9(Suppl 2)
Ramshaw K, **Lakshmanan P.**
16. Mortality rate and health gain after sacroplasty following sacral insufficiency fracture. *Global Spine J.* 2019;9(Suppl 2)
Ramshaw K, Gohnem Y, **Lakshmanan P.**
17. Complication rate after degenerative scoliosis surgery at a district general hospital. *Global Spine J.* 2019;9(Suppl 2)
Ramshaw K, Gohnem Y, Rowley AM, Hadfield J, **Lakshmanan P.**
18. Vertebral level identification. *Global Spine J.* 2019;9(Suppl 2)
Ramshaw K, **Lakshmanan P.**
19. Odontoid fractures management with Aspen collar in elderly patients. *Global Spine J.* 2019;9(Suppl 2)
Gohnem Y, Ramshaw K, **Lakshmanan P.**
20. Mobility total ankle replacement – Does it offload the malleoli? *J Bone Joint Surg Br Proceedings*
P Lakshmanan, B Purushothaman, D Rowling, P Patterson, M Siddique
21. Bone mineral density in the malleoli one year after TAR: a DEXA scan analysis. *J Bone Joint Surg Br Proceedings*
P Lakshmanan, B Purushothaman, D Rowling, P Patterson, M Siddique
22. Analysis of bone mineral density around the ankle before and after total ankle replacement. *J Bone Joint Surg Br Proceedings*
B Purushothaman, **P Lakshmanan**, D Rowling, P Patterson, M Siddique
23. Percutaneous k-wire fixation of distal radius fractures – is the infection rate acceptable? *J Bone Joint Surg Br Proceedings*
P Lakshmanan, SMY Ahmed, V Dixit, M Reed, JL Sher
24. Two-week wait for sarcoma referral – How is it functioning? *J Bone Joint Surg Br Proceedings*
A Malik, **L Palaniappan**, L Wigney, S Murray, C Gerrand
25. An analysis of different forms of surgical fixation for avulsion fractures of anterior tibial spine. *J Bone Joint Surg Br Proceedings*, 2009; 91-B Suppl 1: 8
P Lakshmanan, A Sharma, JP Peehal, H David
26. The value of routine postoperative MRI scanning in detecting local recurrence of trunk and extremity soft tissue sarcoma. *J Bone Joint Surg Br Proceedings*, Jul 2008; 90-B: 397
P Lakshmanan, S Mitchell, G Hide, S Murray, C Gerrand
27. Two-week wait for sarcoma referral – How is it functioning? *J Bone Joint Surg Br Proceedings*, Jul 2008; 90-B: 397
A Malik, **P Lakshmanan**, L Wigney, S Murray, C Gerrand
28. Ischial giant cell tumour treated with serial arterial embolization and bisphosphonate infusion. *J Bone Joint Surg Br Proceedings*, Jul 2008; 90-B: 399
A Malik, **P Lakshmanan**, C Gerrand, P Haslam
29. Knee pain following a total knee replacement – a sinister cause. *J Bone Joint Surg Br Proceedings*, Jul 2008; 90-B: 404

P Lakshmanan, AW McCaskie, C Gerrand

30. Recalcitrant brown tumour in renal retinal dysplasia – an unusual presentation. *J Bone Joint Surg Br Proceedings*, Jul 2008; 90-B: 404
P Lakshmanan, A Malik, C Gerrand
31. Unusual intra-extra-capsular fracture neck of femur and its management. *European Journal of Trauma* 2006; 32S(1): 238
P Lakshmanan, JP Peehal
32. Infection rate after percutaneous k-wire fixation for distal radius fractures. *European Journal of Trauma* 2006; 32S(1): 181
P Lakshmanan, SMY Ahmed, V Dixit, M Reed, JL Sher
33. Ligamentotaxis in distal radius fractures – Do we know the principles? *European Journal of Trauma* 2006; 32S(1): 187
P Lakshmanan, MK Sayana, SMY Ahmed, JL Sher
34. An analysis of different forms of surgical fixation for avulsion fractures of anterior tibial spine. *European Journal of Trauma* 2006; 32S(1): 141
P Lakshmanan, A Sharma, JP Peehal, H David
35. Is osteoporosis of the peg solely responsible for Type II odontoid fractures in the elderly? *European Spine Journal (In press)*
P Lakshmanan, K Lyons, A Jones, S Ahuja, PR Davies, J Howes
36. Analysis of the changes in ultrasound examination after shock wave therapy on chronic Achilles tendinopathy. *Skeletal Radiology* 2005; 34(9):579
P Lakshmanan, K Lyons, DP O'Doherty
37. Is MRI Scan needed to rule out occult fractures of the hip in all non-weight bearing elderly patients? *Skeletal Radiology* 2005; 34(9):580
P Lakshmanan, A Sharma, K Lyons
38. Pattern of osteoarthritis in the upper cervical spine- A new grading system and analysis using CT Scans. *Skeletal Radiology* 2005; 34(9):591
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39. Facet joint injections – A randomised controlled trial on imaging and its outcome. *Skeletal Radiology* 2005; 34(9):603
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40. Evaluation of osteoporosis of the odontoid process using reformatted CT Scans. *Skeletal Radiology* 2005; 34(9):603
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P Lakshmanan, A Sharma, K Lyons
42. Osteoporosis of the peg and its significance in odontoid fractures in the elderly. *Journal of Bone & Joint Surgery – British vol.* 2006; 88-B, Supp I: 154
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43. Prospective randomised controlled trial on the technique of facet joint injections. *Journal of Bone & Joint Surgery – British vol.* 2006; 88-B, Supp I: 153
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44. Are reinfusion drains really beneficial? *Journal of Bone & Joint Surgery – British vol.* 2006; 88-B, Supp I: 105-6
M Gonchikar, **P Lakshmanan**, A Sharma, M Gonchikar
45. Interesting relationship between fracture neck of femur and pelvic ring fractures in a low velocity injury. *Journal of Bone & Joint Surgery – British vol.* 2006; 88-B, Supp I: 167
A Sharma, **P Lakshmanan**, K Lyons
46. Achieving required medial offset and limblength in Total Hip Replacement. *Journal of Bone & Joint Surgery – British vol.* 2006; 88-B, Supp II: 249
P Lakshmanan, RGN Hansford, DJ Woodnutt
47. Total Hip Replacement for fracture neck of femur – A survey of National Joint Registers. *Journal of Bone & Joint Surgery – British vol.* 2006; 88-B, Supp II: 243
M K Sayana, **P Lakshmanan**, C Wynn-Jones, Prof N Maffulli
48. How significant is osteoporosis in producing odontoid fractures in the elderly? *Journal of Bone & Joint Surgery – British vol.* 2006; 88-B, Supp II: 220
P Lakshmanan, A Jones, K Lyons, J Howes
49. Technique of facet joint injections – A Prospective Randomised Controlled Trial. *Journal of Bone & Joint Surgery – British vol.* 2006; 88-B, Supp II: 218
P Lakshmanan, S Ahuja, PR Davies, J Howes
50. Analysis of clinical and functional outcome of posterior stabilisation of dorsolumbar fractures. *Journal of Bone & Joint Surgery Br proceedings* 2005; 87-B: 241
P Lakshmanan, A Jones, J Mehta, S Ahuja, PR Davies, J Howes
51. Odontoid fractures in the elderly - a relationship to upper cervical spine osteoarthritis. *European Journal of Trauma* 2004; 30S(1): 151
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52. Recurrence of kyphosis and its functional implications after surgical stabilisation of dorsolumbar fractures. *European Journal of Trauma* 2004; 30S(1): 152
P Lakshmanan, A Jones, J Mehta, S Ahuja, PR Davies, J Howes
53. Extracorporeal shock-wave therapy in the treatment of chronic Achilles tendinitis in sports persons. *European Journal of Trauma* 2004; 30S(1): 75
P Lakshmanan, DP O'Doherty
54. A durable and protective cover for the pole used in fracture table. *European Journal of Trauma* 2004; 30S(1): 161
P Lakshmanan
55. Crown-of-thorns starfish injury – Management. *European Journal of Trauma* 2004; 30S(1): 162
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56. Management of nonunion of stress fracture of femoral neck in a child with open capital femoral epiphysis. *European Journal of Trauma* 2004; 30S(1): 161
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57. Access to upper thoracic spine: a decision by preoperative MRI scan. *European Journal of Trauma* 2004; 30S(1): 167
S Ahuja, Al-maiyah, **P Lakshmanan**, K Lyons, PR Davies, J Howes

58. Odontoid fractures in the elderly- a relationship to upper cervical spine osteoarthritis. *Acta Chirurgiae Orthopaedicae et Traumatologiae Cechoslovaca* 2004; Suppl 1: 25
P Lakshmanan, J Howes, K Lyons, A Jones
59. A new technique of patellar tendon bone grafting in total knee arthroplasty with prior patellectomy. *Acta Chirurgiae Orthopaedicae et Traumatologiae Cechoslovaca* 2004; Suppl 1: 40
P Lakshmanan, C Wilson

Paper Presentations in Learned Societies

1. Vertebral Artery Injury in Paediatric Cervical Spine Trauma: A Systematic Review and Meta-Analysis. **British Association of Spine Surgeons Annual Conference (BASS 2026), Aberdeen: April–May 2026.**
Unnamalai Palaniappan, Kathryn Ramshaw, and **Lakshmanan P.**
2. C2 Translaminar Screw Fixation in Adult Trauma: A Systematic Review and Meta-Analysis. **British Association of Spine Surgeons Annual Conference (BASS 2026), Aberdeen: April–May 2026.**
Unnamalai Palaniappan, Kathryn Ramshaw, and **Lakshmanan P.**
3. Sex Differences in Spinopelvic Alignment: A Systematic Review and Meta-Analysis of Asymptomatic Populations with Exact Sex-Specific Extraction and Age-Stratified Synthesis. **British Association of Spine Surgeons Annual Conference (BASS 2026), Aberdeen: April–May 2026.**
Unnamalai Palaniappan, Kathryn Ramshaw, and **Lakshmanan P.**
4. Spinal Bone Mineral Density and Management in Ochronosis (Alkaptonuria): A Systematic Review and Meta-Analysis Feasibility Assessment. **British Association of Spine Surgeons Annual Conference (BASS 2026), Aberdeen: April–May 2026.**
Unnamalai Palaniappan, Kathryn Ramshaw, and **Lakshmanan P.**
5. Incidence and Outcomes of Cauda Equina Syndrome in Severe Lumbar Stenosis: A Meta-Analysis & Systematic Review. **British Association of Spine Surgeons Annual Conference (BASS 2026), Aberdeen: April–May 2026.**
Unnamalai Palaniappan, Kathryn Ramshaw, and **Lakshmanan P.**
6. Septic Arthritis of the Sacroiliac Joint in Adults and Children: Systematic Review and Cumulative Evidence Synthesis up to June 2025. **British Association of Spine Surgeons Annual Conference (BASS 2026), Aberdeen: April–May 2026.**
Unnamalai Palaniappan, Kathryn Ramshaw, and **Lakshmanan P.**
7. Two vs Three Implants in SI Joint Fusion: Systematic Review and Meta-Analysis of Exact-Count Cohorts for Chronic Non-Traumatic SIJ Pain. **British Association of Spine Surgeons Annual Conference (BASS 2026), Aberdeen: April–May 2026.**
Unnamalai Palaniappan, Kathryn Ramshaw, and **Lakshmanan P.**
8. Does the GIRFT Interactive Pathway Serve Its Purpose? **British Association of Spine Surgeons Annual Conference (BASS 2026), Aberdeen: April–May 2026.**

Kathryn Ramshaw, Unnamalai Palaniappan, Gregory Bunea, Lisa Wilson, J. Rees, Advait Nair, Jayne Lintern, and **Lakshmanan P.**

9. **British Association of Spine Surgeons' Conference 2025 (20-22 Mar) Bournemouth, UK.** Systematic Review of Acute Compartment Syndrome of Paraspinal Muscles. **Prize Winning Presentation (Podium Presentation)**
Palaniappan, Unnamalai, Kathryn Ramshaw, and **Pal Lakshmanan.**
10. **British Association of Spine Surgeons' Conference 2025 (20-22 Mar) Bournemouth, UK.** Analysis of Complications Associated with Combined Single Stage Anterior and Posterior Cervical Spine Decompression Fusion Surgery. **(Podium Presentation)**
Ramshaw, Kathryn, Funbi Ayeni, Jon Rees, and **Pal Lakshmanan.**
11. **British Association of Spine Surgeons' Conference 2025 (20-22 Mar) Bournemouth, UK.** Analysis of Spaghetti-Like Appearance of Redundant Nerve Roots in Lumbar Canal Stenosis. **(Poster presentation)**
Unnamalai Palaniappan, Kathryn Ramshaw, and **Pal Lakshmanan.**
12. **Global Spine Congress 2019 (15–18 May) Toronto, Canada.** Outcome of ceramic on ceramic disc arthroplasty in cervical spine. **(Poster presentation)**
Gohnem Y, Ramshaw K, **Lakshmanan P.**
13. **Global Spine Congress 2019 (15–18 May) Toronto, Canada.** Metastatic spinal cord compression: surgical management in a district general hospital. **(Poster presentation)**
Ramshaw K, Rowley AM, **Lakshmanan P.**
14. **Global Spine Congress 2019 (15–18 May) Toronto, Canada.** Surgical management, survival rate and recurrence of metastatic renal cell carcinoma in vertebral bodies. **(Poster presentation)**
Ramshaw K, Gohnem Y, Rowley AM, **Lakshmanan P.**
15. **Global Spine Congress 2019 (15–18 May) Toronto, Canada.** Length of stay after lumbar spine surgery in a private hospital after early mobilisation. **(Poster presentation)**
Ramshaw K, **Lakshmanan P.**
16. **Global Spine Congress 2019 (15–18 May) Toronto, Canada.** Mortality rate and health gain after sacroplasty following sacral insufficiency fracture. **(Poster presentation)**
Ramshaw K, Gohnem Y, **Lakshmanan P.**
17. **Global Spine Congress 2019 (15–18 May) Toronto, Canada.** Complication rate after degenerative scoliosis surgery at a district general hospital. **(Poster presentation)**
Ramshaw K, Gohnem Y, Rowley AM, Hadfield J, **Lakshmanan P.**
18. **Global Spine Congress 2019 (15–18 May) Toronto, Canada.** Vertebral level identification. **(Poster presentation)**
Ramshaw K, **Lakshmanan P.**
19. **Global Spine Congress 2019 (15–18 May) Toronto, Canada.** Odontoid fractures management with Aspen collar in elderly patients. **(Poster presentation)**
Gohnem Y, Ramshaw K, **Lakshmanan P.**
20. **North American Spine Society 25th Annual Meeting 2010 (5-9 Oct), Orlando, US.** Is There A Difference In Shape Of The Endplates In Sagittal Plane? - A Morphometric Study Of The Lumbosacral Spine. **(Podium presentation)**
P Lakshmanan, V Dvorak, W Schratt, S Thambiraj, IE Collins, BM Boszczyk

21. **North American Spine Society 25th Annual Meeting 2010 (5-9 Oct), Orlando, US.** Rib Hump In Adolescent Idiopathic Scoliosis - Assessment Of Its Flexibility And The Need For Thoracoplasty. **(Podium presentation)**
P Lakshmanan, S Hassan, C Quah, IE Collins
22. **North American Spine Society 25th Annual Meeting 2010 (5-9 Oct), Orlando, US.** Is Morphometric Analysis Of Posterior Elements In Relation To Lumbar Spine Decompression. **(Oral presentation – Poster Defense Session)**
P Lakshmanan, D Bull, JL Sher
23. **BritSpine2010 (28-30 Apr), Liverpool, UK.** Rib hump in adolescent idiopathic scoliosis – Assessment of its flexibility and the need for thoracoplasty. **(Podium presentation)**
P Lakshmanan, S Hassan, C Quah, IE Collins
24. **BritSpine2010 (28-30 Apr), Liverpool, UK.** Endplate morphology of lumbosacral spine in the sagittal plane in relation to the footplate design of lumbar total disc replacements. **(Poster presentation)**
P Lakshmanan, V Dvorak, W Schratz, S Thambiraj, IE Collins, BM Boszczyk
25. **BritSpine2010 (28-30 Apr), Liverpool, UK.** Lumbar spine morphology in relation to lumbar spine decompression – a magnetic resonance imaging study. **(Poster presentation)**
P Lakshmanan, D Bull, JL Sher
26. **11th EFORT Congress 2010 (2-5 Jun), Madrid, Spain.** How far can you go laterally during lumbar spine decompression before considering stabilisation? An MRI morphometric study **(Podium presentation)**
P Lakshmanan, D Bull, JL Sher
27. **11th EFORT Congress 2010 (2-5 Jun), Madrid, Spain.** Prospective study of the management of Gartland III paediatric supracondylar humeral fractures – A Trainee's experience. **(e-Poster presentation)**
P Lakshmanan
28. **British Orthopaedic Association Annual Congress 2009 (15-18 Sep), Manchester, UK.** Mobility Total Ankle Replacement – Does it offload the malleoli? **(Podium presentation)**
P Lakshmanan, B Purushothaman, D Rowling, P Patterson, M Siddique
29. **British Orthopaedic Foot and Ankle Society Annual Meeting 2008 (19-21 Nov), Liverpool, UK.** Bone mineral density in the malleoli one year after TAR: a DEXA scan analysis. **(Podium presentation)**
P Lakshmanan, B Purushothaman, D Rowling, P Patterson, M Siddique
30. **British Orthopaedic Association Annual Congress 2008 (16-19 Sep), Liverpool, UK.** Effect of Total Ankle Replacement on Bone Mineral Density around the ankle. **(Podium presentation)**
B Purushothaman, P Lakshmanan, D Rowling, P Patterson, M Siddique
31. **British Orthopaedic Foot and Ankle Society Annual Meeting 2007 (30 Oct - 2 Nov), Chester, UK.** Analysis of bone mineral density around the ankle before and after total ankle replacement.
B Purushothaman, P Lakshmanan, D Rowling, P Patterson, M Siddique
32. **Kreibich Prize Paper presentation at Regional Meeting, Northern Deanery Registrar's Day 2007 (9 Mar), Newcastle-Upon-Tyne, UK.** Unicdyalar knee replacement – Carlisle Experience. **(Podium presentation)**
P Lakshmanan, M Chadha, N Jain, MJ Dawson

33. **8th EFORT Congress 2007 (11-15 May 2007), Florence, Italy.** An analysis of different forms of surgical fixation for avulsion fractures of anterior tibial spine. **(Podium Presentation)**
P Lakshmanan, A Sharma, JP Peehal, H David
34. **American Academy of Orthopaedic Surgeons Annual Meeting 2007 (14-18 Feb), San Diego, US.** Routine postop MRI scan as a tool to detect local recurrence in soft-tissue sarcoma. **(Podium presentation)**
P Lakshmanan, S Mitchell, G Hide, S Murray, C Gerrand
35. **British Trauma Society Meeting 2006 (12-13 Oct), Leeds, UK.** Infection rates after K-wire fixation for distal radius fractures. **(Podium presentation)**
P Lakshmanan, V Dixit, SMY Ahmed, M Reed, JL Sher
36. **British Trauma Society Meeting 2006 (12-13 Oct), Leeds, UK.** Methods of anterior shoulder dislocation reduction across Europe. Need for change in practice? **(Podium presentation)**
SM Ahmed, R Mansingh, P Laxmanan, MF Nicol
37. **British Orthopaedic Association Annual Congress 2006 (27-29 Sep), Glasgow, UK.** Percutaneous k-wire fixation of distal radius fractures – is the infection rate acceptable? **(Podium presentation)**
P Lakshmanan, SMY Ahmed, V Dixit, M Reed, JL Sher
38. **British Orthopaedic Association Annual Congress 2006 (27-29 Sep), Glasgow, UK.** Two-week wait for sarcoma referral – How is it functioning? **(Podium presentation)**
A Malik, L Palaniappan, L Wigney, S Murray, C Gerrand
39. **British Orthopaedic Oncology Society Meeting 2007 (7 July), Edinburgh, UK.** The value of routine postoperative MRI scanning in detecting local recurrence of trunk and extremity soft tissue sarcoma. **(Podium presentation)**
P Lakshmanan, S Mitchell, G Hide, S Murray, C Gerrand
40. **British Orthopaedic Oncology Society Meeting 2007 (7 July), Edinburgh, UK.** Two-week wait for sarcoma referral – How is it functioning? **(Podium presentation)**
A Malik, P Lakshmanan, L Wigney, S Murray, C Gerrand
41. **British Orthopaedic Oncology Society Meeting 2007 (7 July), Edinburgh, UK.** Ischial giant cell tumour treated with serial arterial embolization and bisphosphonate infusion. **(Podium presentation)**
A Malik, P Lakshmanan, C Gerrand, P Haslam
42. **British Orthopaedic Oncology Society Meeting 2007 (7 July), Edinburgh, UK.** Knee pain following total knee replacement – a sinister cause. **(Poster presentation)**
P Lakshmanan, AW McCaskie, C Gerrand
43. **British Orthopaedic Oncology Society Meeting 2007 (7 July), Edinburgh, UK.** Recalcitrant brown tumour in renal retinal dysplasia – an unusual presentation. **(Poster presentation)**
P Lakshmanan, A Malik, P Dildey, C Gerrand
44. **7th European Trauma Congress 2006 (14-17 May), Ljubljana, Slovenia.** Unusual intra-extra-capsular fracture neck of femur and its management. **(Podium presentation)**
P Lakshmanan, JP Peehal

45. **7th European Trauma Congress 2006 (14-17 May), Ljubljana, Slovenia.** Infection rate after percutaneous k-wire fixation for distal radius fractures. **(Podium presentation)**
P Lakshmanan, SMY Ahmed, V Dixit, M Reed, JL Sher
46. **7th European Trauma Congress 2006 (14-17 May), Ljubljana, Slovenia.** Ligamentotaxis in distal radius fractures – Do we know the principles? **(Poster presentation)**
P Lakshmanan, MK Sayana, SMY Ahmed, JL Sher
47. **7th European Trauma Congress 2006 (14-17 May), Ljubljana, Slovenia.** An analysis of different forms of surgical fixation for avulsion fractures of anterior tibial spine. **(Poster presentation)**
P Lakshmanan, A Sharma, JP Peehal, H David
48. **BritSpine2006 (28-30 Apr), Cardiff, UK.** Prospective long-term follow-up of intra-discal electrothermal therapy – five years’ results. **(Poster presentation)**
P Lakshmanan, D Rao, A Jones, PR Davies, J Howes, S Ahuja
49. **BritSpine2006 (28-30 Apr), Cardiff, UK.** Use of radiographs in approaching the upper thoracic spine. **(Poster presentation)**
P Lakshmanan, K Lyons, A Jones, PR Davies, J Howes, S Ahuja
50. **EuroSpine 2005 (21-24 Sep), Barcelona, Spain.** Is osteoporosis of the peg solely responsible for Type II odontoid fractures in the elderly? **(Podium –Special Poster presentation)**
P Lakshmanan, K Lyons, A Jones, S Ahuja, PR Davies, J Howes
51. **British Orthopaedic Association Annual Congress 2005 (20-23 Sep), Birmingham, UK.** Relationship between occult fractures of the hip and pelvis. **(Podium presentation)**
P Lakshmanan, A Sharma, K Lyons
52. **British Orthopaedic Association Annual Congress 2005 (20-23 Sep), Birmingham, UK.** Does autologous blood transfusion from reinfusion drains in total knee arthroplasty improve postoperative haemoglobin level? **(Poster presentation)**
P Lakshmanan, A Sharma
53. **XXIII SICOT/SIROT Triennial World Congress 2005 (2-9 Sep), Istanbul, Turkey.** Greater use of total hip arthroplasty for fractures of the neck of the femur in Scandinavian countries. **(Podium presentation)**
M K Sayana, P Lakshmanan, C Wynn-Jones, N Maffulli
54. **BSSR/ESSR Congress, British and European Societies of Skeletal Radiology combined refresher course and scientific meeting 2005 (7-9 Jul), Oxford.** Evaluation of osteoporosis of the odontoid process using reformatted CT Scans. **(Podium presentation)**
P Lakshmanan, K Lyons, A Jones, S Ahuja, J Howes, PR Davies
55. **BSSR/ESSR Congress 2005 (7-9 Jul), Oxford.** Pattern of osteoarthritis in the upper cervical spine- A new grading system and analysis using CT Scans. **(Podium presentation)**
P Lakshmanan, A Jones, K Lyons, PR Davies, S Ahuja, J Howes
56. **BSSR/ESSR Congress 2005 (7-9 Jul), Oxford.** Facet joint injections – A randomised controlled trial on imaging and its outcome. **(Podium presentation)**
P Lakshmanan, A Jones, H Dapke, S Ahuja, PR Davies, K Lyons, J Howes
57. **BSSR/ESSR Congress 2005 (7-9 Jul), Oxford.** Is MRI Scan needed to rule out occult fractures of the hip in all non-weight bearing elderly patients? **(Podium presentation)**
P Lakshmanan, A Sharma, K Lyons

- 58. BSSR/ESSR Congress 2005 (7-9 Jul), Oxford.** Analysis of the changes in ultrasound examination after shock wave therapy on chronic Achilles tendinopathy. **(Podium presentation)**
P Lakshmanan, K Lyons, DP O'Doherty
- 59. BSSR/ESSR Congress 2005 (7-9 Jul), Oxford.** Sat bands in mid-sagittal thoracic MRI scans- Are they necessary while evaluating upper thoracic spine pathology? **(Poster presentation)**
P Lakshmanan, A Jones, S Ahuja, K Lyons, J Howes, PR Davies
- 60. BSSR/ESSR Congress 2005 (7-9 Jul), Oxford.** Occurrence of Grisel's syndrome in a child with Down syndrome. **(Poster presentation)**
P Lakshmanan, A Jones, S Ahuja, K Lyons, J Howes, PR Davies
- 61. 7th EFORT Congress 2005 (4-7 Jun), Lisbon, Portugal.** Osteoporosis of the peg and its significance in odontoid fractures in the elderly. **(Podium presentation)**
P Lakshmanan, A Jones, K Lyons, S Ahuja, PR Davies, J Howes
- 62. 7th EFORT Congress 2005 (4-7 Jun), Lisbon, Portugal.** Prospective randomised controlled trial on the technique of facet joint injections. **(Podium presentation)**
P Lakshmanan, S Ahuja, PR Davies, J Howes
- 63. 7th EFORT Congress 2005 (4-7 Jun), Lisbon, Portugal.** Are reinfusion drains really beneficial? **(Podium presentation)**
P Lakshmanan, A Sharma, M Gonchikar
- 64. 7th EFORT Congress 2005 (4-7 Jun), Lisbon, Portugal.** Interesting relationship between fracture neck of femur and pelvic ring fractures in a low velocity injury. **(Podium presentation)**
A Sharma, **P Lakshmanan**, K Lyons
- 65. 7th EFORT Congress 2005 (4-7 Jun), Lisbon, Portugal.** Sonographic changes on chronic Achilles tendinopathy after shock wave therapy. **(Poster presentation)**
P Lakshmanan, DP O'Doherty
- 66. 7th EFORT Congress 2005 (4-7 Jun), Lisbon, Portugal.** Avulsion of anterior cruciate ligament from femoral condyle – An unusual case report and a review of the literature. **(Poster presentation)**
P Lakshmanan, A Sharma, M Gonchikar, JA Fairclough
- 67. 7th EFORT Congress 2005 (4-7 Jun), Lisbon, Portugal.** Analysis of different forms of fixation for avulsion fractures of the tibial spine. **(Poster presentation)**
A Sharma, **P Lakshmanan**, H David
- 68. 7th EFORT Congress 2005 (4-7 Jun), Lisbon, Portugal.** Radiographic assessment of the level of sternal notch and its significance in approaching the upper thoracic spine. **(Poster presentation)**
P Lakshmanan, M Gonchikar, S Ahuja, PR Davies, J Howes, K Lyons
- 69. British Hip Society Meeting 2005 (3-4 Mar), Wrightington.** Achieving required medial offset and limblength in Total Hip Replacement. **(Poster presentation)**
P Lakshmanan, RGN Hansford, DJ Woodnutt

70. **British Hip Society Meeting 2005 (3-4 Mar), Wrightington.** Total Hip Replacement for fracture neck of femur – A survey of National Joint Registers. **(Poster presentation)**
M K Sayana, **P Lakshmanan**, C Wynn-Jones, Prof N Maffulli
71. **British Association of Spine Surgeons Meeting 2005 (2-4 Feb), Aberdeen.** How significant is osteoporosis in producing odontoid fractures in the elderly? **(Podium presentation)**
P Lakshmanan, A Jones, K Lyons, J Howes
72. **British Association of Spine Surgeons Meeting 2005 (2-4 Feb), Aberdeen.** Technique of facet joint injections – A Prospective Randomised Controlled Trial. **(Podium presentation)**
P Lakshmanan, S Ahuja, PR Davies, J Howes
73. **11th Meeting of the Combined Orthopaedic Associations 2004 (24-29 Oct), Sydney, Australia.** Relationship of odontoid fractures to upper cervical spine osteoarthritis in the elderly. **(Podium presentation)**
P Lakshmanan, A Jones, K Lyons, J Howes
74. **11th Meeting of the Combined Orthopaedic Associations 2004 (24-29 Oct), Sydney, Australia.** Total knee arthroplasty in a patellectomised posterior cruciate ligament- deficient knee: a new technique of patellar tendon bone grafting. **(Poster presentation)**
P Lakshmanan, C Wilson
75. **British Orthopaedic Foot Surgery Society Annual Meeting 2004 (5-7 Nov), Cheshire.** Ultrasound evaluation of the effect of shock wave therapy on chronic Achilles tendinopathy. **(Poster presentation)**
P Lakshmanan, K Lyons, DP O'Doherty
76. **British Trauma Society Meeting 2004 (15-16 Oct), Leeds, UK.** Fractures of the pelvic ring and the hip due to a fall: are they mutually exclusive? **(Podium presentation)**
A Sharma, **P Lakshmanan**
77. **British Orthopaedic Association Annual Congress 2004 (15-17 Sep), Manchester, UK.** Odontoid fractures in the elderly: a relationship to upper cervical spine osteoarthritis. **(Podium presentation)**
P Lakshmanan, A Jones, K Lyons, J Howes
78. **British Orthopaedic Association Annual Congress 2004 (15-17 Sep), Manchester, UK.** Analysis of clinical and functional outcome of posterior stabilisation for dorsolumbar fractures. **(Podium presentation)**
P Lakshmanan, A Jones, J Mehta, S Ahuja, PR Davies, J Howes
79. **British Orthopaedic Association Annual Congress 2004 (15-17 Sep), Manchester, UK.** Role of preoperative MRI scan in deciding the surgical approach to the upper thoracic spine. **(Poster presentation)**
P Lakshmanan, S Ahuja, Al-maiyah, K Lyons, PR Davies, J Howes
80. **British Orthopaedic Association Annual Congress 2004 (15-17 Sep), Manchester, UK.** Total knee arthroplasty in a patellectomised posterior cruciate ligament-deficient knee: a new technique of patellar tendon bone grafting. **(Poster presentation)**
P Lakshmanan, C Wilson
81. **British Orthopaedic Association Annual Congress 2004 (15-17 Sep), Manchester, UK.** Stress fracture of femoral neck in a child managed with valgus osteotomy. **(Poster presentation)**
P Lakshmanan, DP Thomas

82. **British Orthopaedic Association Annual Congress 2004 (15-17 Sep), Manchester, UK.** Open reduction of congenital dislocation of the knee: a report on two cases. **(Poster presentation)**
P Lakshmanan, A Sharma, S Hemmadi, JA Fairclough
83. **5th Central European Orthopaedic Conference 2004 (9-12 Jun), Prague, Czech Republic.** Odontoid fractures in the elderly – relationship to the pattern of upper cervical spine osteoarthritis. **(Podium presentation)**
P Lakshmanan, A Jones, K Lyons, J Howes
84. **5th Central European Orthopaedic Conference 2004 (9-12 Jun), Prague, Czech Republic.** A new technique of patellar tendon bone grafting in total knee arthroplasty with prior patellectomy. **(Poster presentation)**
P Lakshmanan, C Wilson
85. **EuroSpine – SpineWeek 2004 (30 May- 5 June), Porto, Portugal.** Odontoid fractures in the elderly- a relationship to upper cervical spine osteoarthritis. **(Poster presentation)**
P Lakshmanan, J Howes, K Lyons, A Jones
86. **6th European Trauma Congress 2004 (16-19 May), Prague, Czech Republic.** Odontoid fractures in the elderly - a relationship to upper cervical spine osteoarthritis. **(Podium presentation)**
P Lakshmanan, A Jones, K Lyons, J Howes
87. **6th European Trauma Congress 2004 (16-19 May), Prague, Czech Republic.** Recurrence of kyphosis and its functional implications after surgical stabilisation of dorsolumbar fractures. **(Podium presentation)**
P Lakshmanan, A Jones, J Mehta, S Ahuja, PR Davies, J Howes
88. **6th European Trauma Congress 2004 (16-19 May), Prague, Czech Republic.** Extracorporeal shock-wave therapy in the treatment of chronic Achilles tendinitis in sports persons. **(Podium presentation)**
P Lakshmanan, DP O'Doherty
89. **6th European Trauma Congress 2004 (16-19 May), Prague, Czech Republic.** A durable and protective cover for the pole used in fracture table. **(Poster presentation)**
P Lakshmanan
90. **6th European Trauma Congress 2004 (16-19 May), Prague, Czech Republic.** Crown-of-thorns starfish injury – Management. **(Poster presentation)**
P Lakshmanan, S Roy, JA Fairclough
91. **6th European Trauma Congress 2004 (16-19 May), Prague, Czech Republic.** Management of nonunion of stress fracture of femoral neck in a child with open capital femoral epiphysis. **(Poster presentation)**
P Lakshmanan, DP Thomas
92. **6th European Trauma Congress 2004 (16-19 May), Prague, Czech Republic.** Access to upper thoracic spine: a decision by preoperative MRI scan. **(Poster presentation)**
S Ahuja, Al-maiyah, P Lakshmanan, K Lyons, PR Davies, J Howes
93. **5th Congress of the European Foot and Ankle Society 2004 (29 Apr- 1 May), Montpellier, France.** Analysis of the results of shockwave therapy in the treatment of chronic Achilles tendinopathy. **(Podium presentation)**
P Lakshmanan, DP O'Doherty

94. **5th Congress of the European Foot and Ankle Society 2004 (29 Apr- 1 May), Montpellier, France.** Evaluation of the results of partial wound closure of the Cincinnati incision in clubfoot correction - a five years' experience. **(Poster presentation)**
P Lakshmanan, SJ Phillips, RH Thomas, DP O'Doherty
95. **BritSpine2004 (28-30 Apr), Nottingham, England.** Analysis of clinical and functional outcome of posterior stabilisation of dorsolumbar fractures. **(Podium presentation)**
P Lakshmanan, A Jones, J Mehta, S Ahuja, PR Davies, J Howes
96. **BritSpine2004 (28-30 Apr), Nottingham, England.** CT evaluation of the pattern of odontoid fractures in the elderly- relationship to upper cervical spine osteoarthritis. **(Nominated for Best Poster presentation - Podium)**
P Lakshmanan, A Jones, K Lyons, J Howes
97. **BritSpine2004 (28-30 Apr), Nottingham, England.** Access to upper thoracic spine – a decision by pre-operative MRI scan. **(Poster presentation)**
S Ahuja, Al-maiyah, P Lakshmanan, K Lyons, PR Davies, J Howes
98. **23rd European Paediatric Orthopaedic Society Conference 2004 (31 Mar- 3 Apr), Geneva, Switzerland.** Evaluation of the results of partial wound closure of the Cincinnati incision in clubfoot correction – five years experience. **(Podium presentation)**
P Lakshmanan, SJ Phillips, RH Thomas, DP O'Doherty
99. **45th Annual Conference of Indian Orthopaedic Association, 2000 (1-5 Nov), Jaipur.** Traumatic Upper Cervical Spine Instability - Surgical Management. **(Podium presentation)**
Palaniappan Lakshmanan, R Selvaraj, M Subramanian, K Annamalai
100. **Paper for M.N. Gold Medal in 34th Annual Conference of Tamil Nadu Orthopaedic Association, 2001 (26-28 Jan), Trichy.** Traumatic Upper Cervical Spine Instability - Surgical Management. **(Podium presentation)**
Palaniappan Lakshmanan, R Selvaraj, M Subramanian, K Annamalai
101. **Clinical case conference for the Johnson & Johnson and Robert Roaf Fellows of the Indian Orthopaedic Association, 2000 (22 Dec), Chennai.** Traumatic Upper Cervical Spine Instability - Surgical Management. **(Podium presentation)**
Palaniappan Lakshmanan, R Selvaraj, M Subramanian, K Annamalai
102. **33rd Annual Conference of Tamil Nadu Orthopaedic Association, 2000 (5-6 Feb), Chennai.** Management of Supracondylar fractures of femur. **(Podium presentation)**
Palaniappan Lakshmanan, P Sankaralingam, K Annamalai
103. **Paper for Vyageswaradu Gold Medal in 32nd Annual Conference of Tamil Nadu Orthopaedic Association, 1999 (23-24 Jan), Madurai.** Tumours of the foot. **(Podium presentation)**
Palaniappan Lakshmanan, R Selvaraj, N Mayilvahanan, K Annamalai
104. **Clinical case conference for the Johnson & Johnson and Robert Roaf Fellows of the Indian Orthopaedic Association, 1998 (30 Dec), Chennai.** Tumours of the foot. **(Podium presentation)**
Palaniappan Lakshmanan, R Selvaraj, N Mayilvahanan, K Annamalai

