

CURRICULUM VITAE

Pratipal Kalsi BSc, MBBS, MRCS(Lon), FRCS(Surgical Neurology), PhD

GMC Registration No.: 6080265

Medical Indemnity Insurance: Premium Medical Protection No. 2432576

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PERSONAL PROFILE

I am an experienced Consultant Spinal Neurosurgeon who treats adult disorders of the spine including degenerative conditions (back pain, sciatica, spondylolisthesis, cauda equina syndrome, neck pain, arm pain, myelopathy), spinal cord injury and fractures, spine tumours (intradural and metastatic), infection, vascular and CSF flow disorders.

I have completed my Cardiff University Bond Solon expert witness training and write 25-30 reports a year, with 80% of my work being medical negligence and 20% personal injury. 75% Defendant, 25% Claimant split.

EDUCATION

2024	Cardiff University Bond Solon Accredited Expert Witness
2021	PhD (University College London)
2018	Entered the GMC specialist register for Neurosurgery
2017	FRCS (Surgical Neurology)
2007	MRCS (Lon)
2003	MBBS (Hons)
2002	BSc Orthopaedic Sciences, Class 2:i (Hons)

PRIZES & AWARDS

2019	BNTA Codman Fellowship Award
2019	Ronald Raven Barber's Award, Royal College of Surgeons, England
2019	Best Paper Prize, North American Spine Society (nominated)
2018	Scholarship – University of California, San Francisco (UCSF) Spine Program
2011	F1000 Neurosciences Award
1999	Merit Awards MB Part II
1998	Merit Awards MB Part I

CURRENT APPOINTMENT

Feb 2022 - present **Consultant Spinal Neurosurgeon**, Imperial College Healthcare NHS Trust, London

PREVIOUS APPOINTMENTS

Jan 2021 – Feb 2022	Locum Consultant Spinal Neurosurgeon , Imperial College Healthcare NHS Trust
Aug 2020 – Jan 2021	Complex Spine Fellow , Imperial College Healthcare NHS Trust
Aug 2019 – Aug 2020	Complex Spine Fellow , National Hospital for Neurology and Neurosurgery
July 2018 – July 2019	Complex Spine Fellow , University Health Network, Toronto, Canada
Aug 2007 – July 2018	Specialty Trainee Neurosurgery , Health Education Northeast

KEY PUBLICATIONS

Kalsi P, Hejrati N, Charalampidis A, Wu PH, Schneider M, Wilson JR, Gao AF, Massicotte EM, Fehlings MG. Spinal arachnoid cysts: A case series and systematic review of the literature. Brain Spine. 2022 Jun 15;2:100904. doi: 10.1016/j.bas.2022.100904. eCollection 2022.

Kalsi P, Zaidman N, Jain A, Prezerakos G, Casey A, Russo VM. Surgical management of giant paraspinous thoracic schwannomas. World Neurosurgery Jan 28:S1878-8750(20)32566-3.

Charalampidis A, Hejrati N, Ramakonar H, **Kalsi PS**, Massicotte EM, Fehlings MG. Clinical outcomes and revision rates following four-level anterior cervical discectomy and fusion. Sci Rep. 2022 Mar 29;12(1):5339.

Schneider MM, Badhiwala JH, Alvi MA, Tetreault LA, **Kalsi P**, Idler RK, Wilson JR, Fehlings MG. Prevalence of neck pain in patients with degenerative cervical myelopathy and short-term response after operative treatment: A Cohort study of 664 patients from 26 global sites. Global Spine J. 2022 Sep 8:21925682221124098.

Charalampidis A, Canizares M, **Kalsi P**, Hung Wu P, Johnson M, Soroceanu A, Nataraj A, Glennie A, Rasoulinejad P, Attabib N, Hall H, Fisher C, Thomas K, Rampersaud Y. Differentiation of pain related functional

limitations in surgical patients with lumbar spinal stenosis using the ODI: a Canadian Spine Outcomes and Research Network (CSORN) study. Spine 2021 Oct 23;S1529-9430(21)00968-2

Kalsi P, Thom M Choi D. The histological effects of fibrin glue and tissue adhesives on the spinal cord: Are they safe to use? British Journal of Neurosurgery 2017 Dec;31(6): 695-700

Kalsi P, Mukerji N. Treatment by specialist surgical neurooncologists improves survival times for patients with malignant glioma. Journal of Neurosurgery. 2016 Jan 1:1-2.

Gladwin K, **Kalsi P**, Choi D. Rat brachial plexus ventral root repair model. Plastics and Reconstructive Surgery. 2016 Jan 7;3(12):e576

KEY INTERNATIONAL PRESENTATIONS

Kalsi P, Oprych K, Choi D. Olfactory Ensheathing Cells for Central Nervous System Repair: An Experimental Ventral Root Model for Intraspinal Brachial Plexus Repair. Global Spine Congress, Rio, Brazil, 2020 (Accepted - Conference cancelled – Covid19)

Wilson J, **Kalsi P**, Jiang F, Bauer J, Nater A, Samuel N, Mathieu F, Suppiah S, Bhadiwala J, Zadeh G, Massicotte E, Fehlings M. The surgical management of giant invasive spinal schwannomas: Experience over 15 years from a Single Tertiary Spinal Referral Centre. North American Spine Society (NASS), Chicago, September 2019.

Schneider M, **Kalsi P**, Bhadiwala J, Tetreault L, Farshad M, Idler R, Wilson J, Fehlings M. The Impact of Surgical Decompression on Neck Pain Outcomes in Patients with Degenerative Cervical Myelopathy: Results from the Multicenter Prospective AOSpine Studies. North American Spine Society (NASS), Chicago, September 2019

Kalsi P, Wilson J, Massicotte E, Fehlings MG. Idiopathic intradural arachnoid cysts: A case series. Global Spine Congress (No.: 4159), Toronto, Canada, May 2019.

Charalampidis A, **Kalsi P**, Rampersaud R. Changes in self-reported walking capacity as measured by the Oswestry Disability Index in patients treated surgically for degenerative spinal stenosis: a 1-year follow-up. AO North America Fellows Forum, Banff, Canada, March 2019.

Charalampidis A, **Kalsi P**, Rampersaud R. Discrimination of functional limitations in patients with lumbar spinal stenosis using the Oswestry Disability Index. Canadian Spine Society, Toronto, Canada, February 2019.

Wilson J, **Kalsi P**, Jiang F, Bauer J, Nater A, Samuel N, Mathieu F, Suppiah S, Bhadiwala J, Zadeh G, Lewis S, Rampersaud R, Massicotte E, Fehlings M. The surgical management of giant invasive spinal schwannomas: 15-year experience from the Toronto Western Hospital. Canadian Spine Society, Toronto, Canada, February 2019.

Borg A, **Kalsi P**, Choi D. Early results of the NuNec® cervical arthroplasty for the treatment of cervical degenerative disease. World Federation of Neurosurgeons (WFNS), Seoul, September 2013.

BOOK CHAPTERS

Kalsi P & Fehlings MG. Intraoperative Neurophysiological Monitoring in Spine Surgery. Spine and Spinal Cord Tumours – Classification, Management and Treatment. Thieme. In press.

Kalsi P & Choi D. Craniovertebral Junction Chordomas, pp. 321-336. Explicative cases on controversial issues in neurosurgery. Ed. Dr. Francesco Signorelli. ISBN 9789535106234. InTech Publishing, 2012. ISBN 978-953-51-0623-4

Kalsi P & Bosanquet D. Incision and Drainage of Abscess. Foundation Skills in Surgery: Handbook. Ed. Mittapalli D, Bosanquet D & McElnay A., 2016. ISBN 9780993571718

PROFESSIONAL MEMBERSHIPS

AO Spine
Congress of Neurological Surgeons
Canadian Spine Society
Society of British Neurological Surgeons
Royal College of Surgeons of England
British Medical Association

SPINE PROCEDURES PERFORMED

Anterior cervical discectomy and fusion

Anterior cervical disc replacement

Cervical corpectomy

Cervical laminectomy, cervical laminoplasty

Occipitocervical fusion

Posterior cervical, thoracic and lumbar fusion

Lumbar laminectomy, discectomy (microscopic and endoscopic)

Lumbar fusion (TLIF, ALIF, XLIF)

Thoracic discectomy

Surgery for intradural and metastatic spinal tumours

Surgery for spine fractures

Surgery for spine infection

Surgery for spine vascular disorders

Spine reconstruction surgery

Lumbar spine injections (caudal epidural, transforaminal injection, medial branch/facet blocks)