

Curriculum Vitae

Mr Naveen Kumar

MB BS, D' ORTHO, DNB ORTHO, MRCS (EDIN) & FEBPRM (EUROPEAN BOARD)

Consultant in Spinal Injuries and Rehabilitation Medicine
RJAH Orthopaedic and District Hospital NHS Foundation Trust

Honorary Consultant, University Hospitals Birmingham

Chair, Spinal Cord Injury Medicine Special Interest Group
British Society of Rehabilitation Medicine

The Faculty of Expert Witness
Specialist Info

1st Tier APIL expert
Association of Personal Injury Lawyers

www.spinalinjuryspecialist.com

My specialist field is Spinal Injuries and Rehabilitation Medicine which covers holistic interdisciplinary management of patients with Spinal Injuries from “injury to the grave.” I have worked as a Registrar in Spinal Injuries in Britain since 2004, as a Specialty Trainee in Spinal Injuries and Rehabilitation Medicine since 2006 and as an Independent Consultant since 2010 at Midland Centre for Spinal Injuries, RJA Orthopaedic Hospital. I qualified from Mysore University, India in 1998 and followed a surgical career, chiefly in Orthopaedics, Trauma, and Spine Surgery. I then commenced training in Orthopaedic Surgery and obtained DNB Orthopaedic surgery from the National Board of Examinations, India in 2003. I obtained MRCS from The Royal College of Surgeons of Edinburgh in 2006. I have pursued an interest in Spinal Cord Injury and was trained in Spinal Injuries in the UK (Southport, Glasgow and Stoke Mandeville) and the USA (VAMC and Metrohealth, Cleveland) between 2004 and 2010. I obtained Fellowship of the European Board of PRM in 2010. As a Board Certified Fellow I am recognised as a “Trainer” by the European Board.

I have extensive experience in the assessment and management of patients with spinal injuries at all levels and complexities. Since my appointment as Consultant at the Midland Centre for Spinal Injuries (which serves a population of 8.5 million) in 2010, I have demonstrated particular skills in providing a well-integrated surgical and medical management of patients with Spinal Injuries. I have demonstrated great ability in leading and coordinating multidisciplinary team. I teach Keele University medical students and I have been an Educational Supervisor to a number of Specialty Trainees in Spinal Injuries and Rehabilitation Medicine from the West Midlands Deanery. I have delivered lectures and presented numerous papers in national and international scientific meetings. I have taken a number of extra-curricular responsibilities. I am an active member of the British Association of Spinal Cord Injury Specialists Educational Committee, a representative on the UK Research Network and a member of the review committee on the Warwick Medical School research project. I have published a book chapter and several articles in peer reviewed journals on many different studies including randomised controlled trials, studies on outcome measures and studies on the Epidemiology, Natural History and Outcome of Spinal Cord Injuries, in peer-reviewed journals including The Lancet.

I have undertaken medico-legal training. I am a member of the SpecialistInfo Faculty of Expert Witnesses ('the FEW') and recognised as 1st Tier APIL (Association of Personal Injury Lawyers) expert.

Personal Details

Surname	:	Kumar
Forename	:	Naveen
Date of Birth	:	22 Dec 1973
Citizenship	:	British
Work Address	:	The RJAH Orthopaedic and District Hospital Midland Centre for Spinal Injuries Oswestry, Shropshire SY10 7AG
Telephone	:	Work: 01691 404646 Mobile: 0774 6633702
Email	:	Naveen.Kumar@rjah.nhs.uk
GMC	:	6067216-FullRegistration On Specialist Register since 3.8.2010

Education, Postgraduate Qualifications & Board Certifications

CCT- Rehabilitation Medicine May 2010	:	JRCPTB and General Medical Council
Fellow European Board PRM Feb 2010	:	European Board of Physical and Rehabilitation Medicine
MRCS Ed April 2006	:	Royal College of Surgeons of Edinburgh
DNB Orthopaedics March 2003	:	National Board of Examinations, India
Diploma Orthopaedics March 2000	:	Rajiv Gandhi University, India
MB BS February 1998	:	Mysore University, India

Hospital Positions Held

May 2010- Current	Consultant, Spinal Injuries & Rehabilitation Medicine RJAH Orthopaedic Hospital
Aug 2006-May 2010	Specialist Registrar, Rehabilitation Medicine West of Scotland Deanery
Feb 2006-Aug 2006	Junior Orthopaedic surgeon, Spinal Surgery Royal Orthopaedic Hospital, Birmingham
Feb 2005-Feb 2006	Senior House Officer, Trauma and Orthopaedics Southport and Ormskirk District General Hospital
Aug 2004-Feb 2005	Senior House Officer, Spinal Injuries & Rehabilitation Medicine Southport District General Hospital, Southport
Apr 2004-Aug 2004	Registrar, Spinal Injuries & Rehabilitation Medicine Southport District General Hospital, Southport
Feb 2004-Apr 2004	Senior House Officer, Trauma and Orthopaedics Royal Sussex County Hospital, Brighton
Aug 2003-Nov 2003	Registrar, Trauma and Orthopaedics Universal Empire Hospital, India
Jan 2003-July 2003	Registrar, Trauma and Orthopaedics Unity Hospital, India
Jan 2001-Dec 2002	Registrar, Trauma and Orthopaedics Ganga Medical Centre, India
Apr 2000-Dec 2000	Registrar, Trauma and Orthopaedics St Martha's Hospital, India
Mar 1998-Mar 2000	Registrar, Trauma and Orthopaedics Government Medical College, Bellary, India
Mar 1997 -Mar 1998	Senior House Officer, Accident & Emergency Shanti Hospital, Bangalore, India
Mar 1996-Mar 1997	House Officer, Rotating Appointments Government Medical College, Mysore, India

Specialist Registrar, Training:

Aug 2006-May 2010	Spinal Cord Injury , Queen Elizabeth National Spinal Injuries Unit, Southern General Hospital, Glasgow
Sep 2008 -Dec 2008	Pain Medicine , higher training, West of Scotland Hospitals
Jan 2010- Jan 2010	Community Rehabilitation , North West Community Physical Disability Rehabilitation Team, Glasgow.
Mar 2010-Mar 2010	Paediatric Spinal Cord Injury , National Spinal Injuries Centre, Stoke Mandeville Hospital, Aylesbury.
Apr 2010-Apr 2010	Spinal Cord Injury , VA Medical Center and MetroHealth Model Spinal Cord Injury Center, Cleveland, USA.

Clinical Audits

I have completed a range of clinical audits since 2004. I was the lead auditor and was responsible from initiation to completion of the audit projects. I have derived recommendations, developed guidelines, presented at the clinical governance meetings, organised for implementation of changes and re-audited.

1. **Mortality in Spinal Cord Injury(SCI)**
RJA, Oswestry, Nov 2015
2. **Antibiotic associated diarrhoea in SCI**
RJA, Oswestry, Nov 2015
3. **Intermittent Self Cathetersation- Compact Male Quality of Life Study**
RJA, Oswestry, Oct 2015
4. **Sexual disorders among men with Spinal Cord Injury**
RJA, Oswestry, Nov 2015
5. **Outreach Service by MCSI**
RJA, Oswestry, Aug 2015
6. **Monitoring patients with early onset SCI for Orthopaedic complications**
MCSI, RJA, Oswestry, June 2015
7. **Long term bladder management in paediatric SCI**
RJA, Oswestry, June 2015

8. **Risk factors and diagnosis of venous thromboembolism in SCI**
RJAHS, Oswestry, June 2015
9. **Re-audit of Botulinum toxin therapy to manage focal spasticity in SCI**
RJAHS, Oswestry, Jan 2015
10. **Re-audit of Goal Planning Meetings at MCSI: Function and Patient Satisfaction** RJAHS, Oswestry, Jan 2015
11. **Survey of assessment and management of acute SCI by Medical Outreach**
RJAHS, Oswestry, April 2014
12. **Bowel education programme in midland centre for spinal cord injury**
RJAHS, Oswestry, March 2014
13. **Acute traumatic SCI referrals to the Midland Centre for Spinal Injuries**
RJAHS, Oswestry, Jul 2012
14. **Botulinum toxin therapy to manage focal spasticity SCI**
RJAHS, Oswestry, Jan 2012
15. **Management of pain in patients with acute SCI Undergoing Rehabilitation**
RJAHS, Oswestry, Sep 2010
16. **Goal Planning Meetings at MCSI**
RJAHS, Oswestry, Sep 2010
17. **Audit of Ventilation service, Function and Patient Satisfaction**
Queen Elizabeth National Spinal Injuries Unit (QENSIU), Glasgow, Mar 2010
18. **Goal Planning Meetings: Function and Patient Satisfaction**
Queen Elizabeth National Spinal Injuries Unit, Glasgow, Nov 2009
19. **Management of pain in patients with acute SCI Undergoing Rehabilitation**
QENSIU, Glasgow, Oct 2009
20. **Re-audit on Transfer of Patients to National Spinal Injuries Unit**
QENSIU, Glasgow, Jun 2008
21. **Audit on Safe Transfer of Patients to National Spinal Injuries Unit**
QENSIU, Glasgow, Mar 2007
22. **Audit on prescription of medication for secondary prevention of stroke**
Physically Disabled Rehabilitation Unit, Glasgow, Dec 2006

23. **Dural tears with spinal surgery**
The Royal Orthopaedic Hospital NHS trust, Birmingham, Jun 2006
24. **Oswestry Disability Index Scoring following spinal surgery in clinics**
The Royal Orthopaedic Hospital NHS trust, Birmingham, Mar 2006
25. **Concurrent fractures in Spinal Cord Injury**
Regional Spinal Injuries Centre, Southport, Jan 2006
26. **Slipped femoral capital epiphysis management in children**
Ormskirk District General Hospital, Ormskirk, Dec 2005
27. **Re-Manipulation Rates In Paediatric Distal Radial Fractures**
Ormskirk District General Hospital, Ormskirk, Jul 2005
28. **First time admissions with traumatic spinal cord injury for 5 years**
Regional Spinal Injuries Centre, Southport, Dec 2004
29. **Health record case note content audit**
Regional Spinal Injuries Centre, Southport, Sep 2004
30. **Paracetamol poisoning management in A & E**
Southport District General Hospital, Southport, Jul 2004
31. **Management of fracture neck of femur in A & E**
Southport District General Hospital, Southport, Jul 2004

Research

I have been actively involved in research projects throughout my medical career. I lead as a Principal Investigator or Co-Investigator in numerous innovative research projects at the Midland Centre for Spinal Injuries.

ECLISP - (Efficacy of consuming LCS (lactobacillus casei shiratta) in spinal cord injury patients) a multicentre, randomised, controlled study (ISRCTN 13119162, MREC N°14/SC/1101, UKCRN ID 17618) (2014 -)

Role - Principal Investigator

<http://public.ukcrn.org.uk/search/StudyDetail.aspx?StudyID=17618>

COSAQ - A prospective, randomised-controlled trial of auto-titrating Continuous Positive Airway Pressure (CPAP) treatment for obstructive sleep apnoea after acute quadriplegia (tetraplegia)

International multicentre study

Role-Investigator

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=12605000799651>

Pan European Paediatric Spinal Cord (PEPSCI)

A multicentre international study on Research Priorities for Spinal Cord Injury in Children, Adolescents and Young Adults: An International Service User Survey: (2016-)

RJAH Orthopaedic Hospital NHS Foundation Trust

Role – Principal Investigator

Pulsed Magnetic Stimulation - Managing Spasticity in Spinal Cord Injury (2016-)

RJAH Orthopaedic Hospital NHS Foundation Trust

Role - Investigator.

Warwick Spinal Immobiliser - Development of a new Spinal Immobiliser

Funded by National Institute for Health Research Invention for Innovation programme, NIHR Portfolio number: 12376

MHRA reference number-CI/2013/0011, ISRCTN55006384

Role-National Expert adviser

<http://www.isrctn.com/ISRCTN55006384>

A randomised, controlled study evaluating return of bacteriuria after antibiotic treatment in spinal cord injured patients practising intermittent catheterisation with an antibacterial urinary catheter (2013), (CCRN 664)

Role-Investigator, Sponsor – ASTRATECH AB

<http://public.ukcrn.org.uk/search/StudyDetail.aspx?StudyID=12740>

Identifying ‘wet’ biomarkers with prognostic potential for spinal cord injury (2012)

RJAH Orthopaedic Hospital NHS Foundation Trust

Role-Investigator

Evaluating patient perspectives on scientific research and trials for spinal cord injury: Part 1 (Oswestry)

UK multicentre study on Research Priorities for Spinal Cord Injury in Adults, (2014 -)

RJAH Orthopaedic Hospital NHS Foundation Trust

Role -Investigator

Identifying biomarkers for Spinal Cord Injury (SCI): insights from a rat contusion model of SCI (2015-)

RJAH Orthopaedic Hospital NHS Foundation Trust

Role - Investigator.

Sympathetic Galvanometry in spinal cord injury patients a simple bedside test of measurement of skin blood flow preservation (2004)

Role-Investigator. Publication in Spinal Cord (2006) 44, 217-221.

<http://www.nature.com/sc/journal/v44/n4/full/3101821a.html>

A multicenter international study on the Spinal Cord Independence Measure, version III: Rasch psychometric validation: (2004)

Role – Investigator

Analysis of compartment pressure changes in reamed interlocking nailing of closed tibial fractures (2001)

Dissertation to National Board Examination, India

Role - Chief Investigator.

Publication in Journal of Tamilnadu Orthopaedic Association. 2002;28, p35-3

Publications

a) CHAPTER:

Chapter 2. Spinal Cord Injury

N. Kumar, S. Pieri-Davies, W. S. El Masry

Pages 19 – 47, Acute Medical Rehabilitation Volume 1 Text Book

H.J. Stam (chief Editor), H.M. Buyruk, J.L. Melvin and G. Stucki

ISBN 978-605-87045-0-3, VitalMed medical book publishing 2012

b) ARTICLES IN PEER REVIEWED JOURNALS:

- **Traumatic Spinal Cord Injuries: An Evidence-based Practice Approach**

Kumar N

J Spine, Spinal Cord Injury Rehabilitation ISSN: 2165-7939, 2016, S7

- **Long-term outcome of paediatric spinal cord injury**

Kumar, N

The Spine Journal, 2016, Volume 16 , Issue 4 , S69 - S70

- **Acute clinical outreach for spinal cord injuries – service evaluation study**

Kumar, N

The Spine Journal, 2016, Volume 16, Issue 4 , S85

- **Mortality within a year of discharge following holistic spinal cord injury management**

Kumar, N

The Spine Journal, 2016, Volume 16 , Issue 4 , S85 - S86

- **Respiratory care in Traumatic Spinal Cord Injury**

Kumar N

J Spine, Spinal Cord Injury Rehabilitation ISSN: 2165-7939, 2016

(MedicalScience-16-263R1)

- **Spinal cord injury complicating a thoracolumbar selective nerve root block in a deformed spine: neurological and functional outcome.**
N Kumar
Spinal Cord. 2015; 53: S3-S5
- **Use of probiotics in preventing antibiotic associated diarrhoea and Clostridium Difficile associated diarrhoea in spinal injury centres: an international multicentre survey.**
Wong Samford, Saif Mofid, O'Driscoll Jean, Kumar Naveen
International Journal of Probiotics and Prebiotics. 2015 10(2):1-6.
- **Spinal Cord injury (SCI) and medications: a double whammy on sexual function?**
S. Patil, A. Osman, J Roy Chowdhury, A Boppana, N Kumar
Clinical Rehabilitation. October 2015 vol 29: 1037
- **Traumatic Spinal Cord Injuries**
El Masri WS, Kumar N
Lancet. 2011 Mar 19; 377(9770):972-4.
- **Traumatic Spinal Cord Injuries: Value of Prognostic indicators of recovery in assessing neurological outcomes of interventions on the spine"**
El Masri WS, Kumar N, JR Chowdhury AE Osman
Journal of Medicine and Life, 2011, Vol-4, 66-68
- **Bedside assessment of sympathetic skin response after spinal cord injury: a brief report comparing inspiratory gasp and visual stimulus**
Nagarajarao H, Kumar BN, Watt JWH, Wiredu E, Bhamidimarri K
Spinal Cord (2006) 44, 217-221.
- **Analysis of compartment pressure changes in reamed interlocking nailing of closed tibial fractures**
Naveen Kumar B, Sekar C, Rajasekaran S
Journal of Tamilnadu Orthopaedic Association 2002, Volume 28, page no: 35-39
- **Two case reports of cervical spinal cord injury in football (soccer) players**
P Silva, S Vaidyanathan, BN Kumar, B M Soni and P Sett
Spinal Cord (2006) 44, 383-385
- **Traumatic central cord syndrome: neurological and functional outcome, an experience from a regional Spinal Injuries Centre**
S Budithi & N Kumar
Eur Spine J (2014) 23 (Suppl 1):p98

- **Trends and characteristics of Spinal Cord Injury due to fall, Data 2003 – 2011**
P Ramamurthy, I Zobina, N Kumar
Dutch Journal of Physical and Rehabilitation Medicine, p 151, July 2013
- **Epidemiology and long term outcome of concomitant traumatic brain injury (TBI) and spinal cord injury (SCI)**
P Ramamurthy, N Kumar, S Patil
Dutch Journal of Physical and Rehabilitation Medicine, p 152, July 2013
- **Audit of acute traumatic spinal cord injury (TSCI) referrals**
N Kumar, S Patil, S Bandi
European Spine Journal, March 2013, Volume 22, Issue 1 Supplement, pS58
- **Post traumatic syringomyelia after spinal cord injury**
S Patil, WS El Masri, S Bandi, N Kumar, JR Chowdhury, AE Osman, G Flint
European Spine Journal, March 2013, Volume 22, Issue 1 Supplement, pp S71
- **Indications and outcomes of surgical management of acute traumatic spinal cord injury (TSCI)**
S Patil, M Mynt, N Kumar
European Spine Journal
March 2013, Volume 22, Issue 1 Supplement, pp 56-78 (S58)
- **Early diagnosis of concurrent extra spinal fractures with acute spinal cord injury**
S. Mahalingam, B.N. Kumar, B.M. Soni
Injury Extra 42 (2011) 95–169 p142
- **Audit on the inter hospital transfer of acute spinal cord injury patients to the Queen Elizabeth National Spinal Injuries Unit for Scotland**
BN Kumar, AN McLean, M Fraser, M Jigajinni
Clinical Rehabilitation 2010; 24, number 10, 946
- **Bedside Assessment of Sympathetic Paralysis After Spinal Cord Injury**
Nagarajao H, KumarBN, Watt JWH
Archives of Physical Medicine and Rehabilitation
Oct 2005, Vol. 86, Issue 10, Pages e11-e12
- **Evidence based respiratory management strategies required to prevent complications and improve outcome in acute spinal cord injury patients**
Kumar N, Pieri-Davies. S, El Masri(y) W, Roy Chowdhury J & Osman A E
TRA-16-0009, Original Article (Accepted on March 2016).Trauma, ISSN: 14604086
- **Active Physiological Conservative Management (APCM) of Traumatic Spinal Cord Injuries – Changes in the standards of care without evidence of superiority of outcomes**
El Masri(y) W and Kumar N, Trauma, ISSN: 14604086

- **Long Term Outcome of Paediatric Spinal Cord Injury**
R Kulshrestha, N Kumar, J.R. Chowdhury, W. El-Masri, A.E. Osman
Trauma, ISSN: 14604086
TRA-16-0008, Original Article (Accepted on March 2016)
- **Recent developments in spinal cord injury management including national care pathways and their effective delivery at Midland Centre for Spinal Injuries Oswestry**
A.E. Osman, N Kumar, J.R. Chowdhury
TRA-16-0012, Original Article (Accepted on March 2016)
- **Epidemiology, Neurological and Functional Outcome of concomitant traumatic brain and spinal cord injury an Oswestry experience**
Ramamurthy P, N Kumar, Osman Aheed
Trauma, ISSN: 14604086
TRA-16-0018, Original Article (Accepted on March 2016)

Lectures in Scientific Meetings:

- 13 May 16 **Spinal Cord Injury**
Calman Teaching day – Neurosurgery and Neurology study day
University Hospital Birmingham, Birmingham
- 12 May 16 **Spinal cord injury diagnosis and classification**
Brain and Spinal Cord Injury Conference 2016- jointly organised by
UK Charities, Headway (the Brain Injury Association) and Spinal
Injuries Association, held at The Hilton Birmingham Metropole,
Birmingham
- 9 May 16 **Image guided spinal intervention: what can go wrong, a spinal
injuries consultant view**
SPINE PAIN AND SPINAL PAIN TREATMENTS- Conference
Robert Jones And Agnes Hunt Orthopaedic Hospital, Oswestry
- 21 April 16 **Management of Acute Spinal Cord Injury**
Trauma Care, 17th International conference, Yarnfield Park
Conference Centre, Stone, UK
- 24 Jun 15 **The Physical Impact of Spinal Cord Injury**
Managing Spinal Cord Injury- the non-trauma perspective
Healthcare Professional Study Day- by Spinal Injuries Association
Birmingham City Football Club, Birmingham

- 24 Jun 15 **Overview of Non Traumatic Spinal Cord Injuries**
 Managing Spinal Cord Injury- the non-trauma perspective
 Healthcare Professional Study Day- by Spinal Injuries Association
 Birmingham City Football Club, Birmingham
- 20 May 15 **Non-Traumatic Spinal Cord Injury And Acquired Brain and Spinal Cord Injuries**
 Brain and Spinal Cord Injury Conference 2015- jointly organised by
 UK Charities, Headway and Spinal Injuries Association, held at
 Birmingham Botanical Gardens, Birmingham
- 28 Mar 14 **Management of Acute Spinal Cord Injury**
 Trauma Care, 15th International conference, The Park Inn, Telford,
 Shropshire UK
- 5 July 13 **Ventilation & Respiratory management of Spinal Cord Injury**
 Study day- Spinal Cord Injury- Reducing Complications, all you need
 to know in a day, University Hospital Birmingham
- 5 July 13 **Pathophysiology of Spinal Cord Injury**
 Study day- Spinal Cord Injury- Reducing Complications, all you need
 to know in a day, University Hospital Birmingham
- 26 Apr 12 **Management of Cervical Spinal Injury**
 Trauma Care, 13th International conference, The Park Inn, Telford,
 Shropshire UK
- 26 Apr 12 **Management of Thoracolumbar Spinal Injury**
 Trauma Care, 13th International conference, The Park Inn, Telford,
 Shropshire UK
- 17 Jan 11 **Pathophysiology of Spinal Cord Injury**
 Study day- Spinal Cord Injury- Reducing Complications, all you need
 to know in a day, University Hospital Birmingham
- 5 Dec 10 **Pathophysiology of Spinal Cord Injury**
 5th Oswestry Spinal Trauma Symposium

Oral Presentations in Scientific Meetings:

- Apr 2016 **Long-term outcome of paediatric spinal cord injury**
 BritSpine 2016, United Kingdom Spine Societies Board,
 Nottingham, UK

- Dec 2015 **Training the trainees in Physical and Rehabilitation Medicine: identifying the differences and aspirations through an International survey in European countries**
European Congress of Neuro Rehabilitation - ECNR 2015
Vienna, Austria
- Jun 2014 **Spinal cord injury following Transforaminal injection**
European Federation of National Associations of Orthopaedics and Traumatology (EFORT)-2014, annual congress, London, UK
- Jun 2014 **Comparison of rehabilitation outcomes following fall and TSCI**
EFORT-2014, annual congress, London, UK
- Jun 2014 **Non traumatic spinal cord injuries compared to traumatic spinal cord injuries; are there differential rehabilitation outcomes?**
EFORT-2014, annual congress, London, UK
- Apr 2014 **Traumatic central cord syndrome: Neurological and functional outcome, an experience from a regional Spinal Injuries Centre**
BritSpine 2014, United Kingdom Spine Societies Board, Warwick, UK
- Dec 2013 **Comparison of rehabilitation outcomes following fall and TSCI**
British Society of Rehabilitation Medicine, Autumn Meeting, RCP London, UK
- Dec 2013 **Non traumatic spinal cord injuries compared to traumatic spinal cord injuries; are there differential rehabilitation outcomes ?**
British Society of Rehabilitation Medicine, Autumn Meeting, RCP London, UK
- Sep 2013 **Spinal Cord Injury (SCI) and Medications: A double whammy on sexual function**
52st ISCoS (International Spinal Cord Society) Annual Scientific Meeting, Turkey
- Jun 2013 **Comparison of rehabilitation outcomes following fall and TSCI**
BASCIS-British Association of Spinal Cord Injury Specialists clinical meeting, Stanmore, UK
- Jun 2013 **Non traumatic spinal cord injuries compared to traumatic spinal cord injuries; are there differential rehabilitation outcomes?**
BASCIS-British Association of Spinal Cord Injury Specialists clinical meeting, Stanmore, UK
- Mar 2013 **Audit of Acute Traumatic Spinal Cord Injury referrals**
British Association of Spine Surgeons (BASS) 2013 meeting, Norwich

- Mar 2013 **Indications and outcomes of surgical management of acute traumatic Spinal Cord Injury**
BASS 2013 meeting, Norwich, UK
- Mar 2013 **Post Traumatic Syringomyelia After Spinal Cord Injury**
BASS 2013 meeting, Norwich
- Sep 2012 **Epidemiology of traumatic spinal cord injury due to fall, data from 2003 -2011**
51st ISCoS Annual Scientific Meeting, London, UK
- Jun 2012 **Epidemiology and Long-term Outcome of Concomitant Traumatic Brain and Spinal Cord Injury**
BASCIS-British Association of Spinal Cord Injury Specialists clinical meeting, Pinderfields, UK
- Jun 2012 **Audit of Botulinum toxin therapy to manage focal spasticity in Spinal cord injured inpatients at the MCSI**
BASCIS-meeting, Pinderfields, UK
- May 2012 **Epidemiology and long-term outcome of concomitant traumatic brain and spinal cord injury**
18th European Congress for Physical Medicine and Rehabilitation, Thessaloniki, Greece
- Nov 2011 **Case Based Discussion: Rehabilitation of Spinal Cord Injury Polytrauma with mental health disorder**
BASCIS clinical meeting, Bradford, UK
- Nov 2011 **Domiciliary ventilation service evaluation in tetraplegic patients - patients, carers and family perspective**
BASCIS clinical meeting, Bradford, UK
- Nov 2010 **Audit of Goal Planning Meetings at MCSI: Function and Patient Satisfaction**
BASCIS clinical meeting, Loughborough, UK
- Nov 2010 **Spinal Cord Injury following Selective Nerve Root Block**
BASCIS clinical meeting, Loughborough, UK
- Nov 2009 **Quality of inter hospital transfer of acute spinal cord injury patients to national spinal injuries unit for Scotland**
BASCIS clinical meeting, Belfast, UK
- Oct 2009 **Audit on inter hospital transfer of acute spinal cord injury patients to Queen Elizabeth National Spinal Injuries Unit for Scotland. BSRM, Silver Jubilee Meeting, Oxford, UK**

- Sep 2008 **Epidemiology of concurrent extra spinal fractures in acute spinal cord injuries**
47th ISCoS Annual Scientific Meeting, Durban, South Africa
- Jun 2007 **Characteristics of sports related spinal cord injuries: Data from Northwest of England, 1999 through 2003**
46th, ISCoS Annual Scientific Meeting, Reykjavik, Iceland
- Oct 2005 **Bedside assessment of sympathetic paralysis after spinal cord injury**
American Congress of Rehabilitation Medicine, Chicago, USA
- Sep 2005 **Sympathetic skin response: a simplified testing of sympathetic efferent in spinal injury patients**
9th Congress Nordic Spinal Cord Society, Bergen, Norway
- Sep 2005 **Epidemiology of Spinal Cord Injuries in Northwest of England over 5 year period**
9th Congress Nordic Spinal Cord Society, Bergen, Norway
- Jan 2005 **The characteristics of SCI in the Northwest region of England**
33rd Annual Conference of Indian Academy of Physical Medicine and Rehabilitation

Posters Presented In Scientific Meetings

- Apr 2016 **Mortality in acute spinal cord injuries**
BritSpine 2016, United Kingdom Spine Societies Board, Nottingham, UK
- Apr 2016 **Acute clinical outreach for spinal cord injuries - service evaluation study**
BritSpine 2016, United Kingdom Spine Societies Board, Nottingham, UK
- Nov 2015 **Mortality in acute spinal cord injuries - data from a regional centre**
British Society of Rehabilitation Medicine Annual Meeting,
Royal College of Physicians, London, UK
- Nov 2015 **Long term outcome of paediatric spinal cord injury**
British Society of Rehabilitation Medicine Annual Meeting,
Royal College of Physicians, London, UK
- Nov 2015 **Audit Of Acute Clinical Outreach Service For Spinal Cord Injuries to Midland Region**
British Society of Rehabilitation Medicine Annual Meeting,
Royal College of Physicians, London, UK

- Nov 2015 **Re-Audit of Botulinum Toxin Type A (BTA) Injection Therapy To Manage Focal Spasticity In Acute Spinal Cord Injury**
British Society of Rehabilitation Medicine Annual Meeting,
Royal College of Physicians, London, UK
- Nov 2015 **Obstructive sleep apnoea (OSA) diagnostic experience in the Midlands Centre for Spinal Injuries (MCSI)**
British Society of Rehabilitation Medicine Annual Meeting,
Royal College of Physicians, London, UK
- May 2015 **Probiotic Use In Spinal Cord Injury Centres: An International Survey Of Four Western European Countries**
53nd ISCoS Annual Scientific Meeting, Montreal, Canada
- May 2015 **Audit Of Acute Clinical Outreach Service For Spinal Cord Injuries**
53nd ISCoS Annual Scientific Meeting, Montreal, Canada
- May 2015 **Long Term Outcome of Paediatric Spinal Cord Injury**
53nd ISCoS Annual Scientific Meeting, Montreal, Canada
- May 2015 **Transient Ischemic Attack (TIA) Of The Spinal Cord Following Anterior Cervical Discectomy And Fusion (ACDF): a case report**
53nd ISCoS Annual Scientific Meeting, Montreal, Canada
- May 2015 **Comparison Of Rehabilitation Outcomes Following Vascular- Related And Traumatic Spinal Cord Injury**
53nd ISCoS Annual Scientific Meeting, Montreal, Canada
- May 2015 **Reaudit Of Botulinum Toxin Type A (BTA) Injection Therapy To Manage Focal Spasticity In Acute Spinal Cord Injury**
53nd ISCoS Annual Scientific Meeting, Montreal, Canada
- Sep 2014 **Experience of spasticity management using intra-thecal drug delivery system (ITDDS) at Midland centre for spinal injuries**
53nd ISCoS Annual Scientific Meeting, Maastricht
- Sep 2014 **Traumatic central cord syndrome: neurological and functional outcome, an experience from a regional spinal injuries centre**
53nd ISCoS Annual Scientific Meeting, Maastricht
- Sep 2014 **Audit of botulinum toxin therapy to manage focal spasticity in spinal cord injury**
53nd ISCoS Annual Scientific Meeting, Maastricht
- Sep 2014 **Wilkie syndrome following acute traumatic spinal cord injury (TSCI) complicating inpatient rehabilitation**
53nd ISCoS Annual Scientific Meeting, Maastricht

- Jun 2014 **Indications and outcomes of surgical management of acute traumatic spinal cord injury (TSCI)**
European Federation of National Associations of Orthopaedics and Traumatology (EFORT)-2014 annual congress, London, UK
- Jun 2014 **Trends and characteristics of Spinal Cord Injury due to fall**
EFORT-2014 annual congress, London, UK
- Jun 2014 **Epidemiology And Outcome Of Traumatic Spinal Cord Injuries; A Tertiary Care Experience**
EFORT-2014 annual congress, London, UK
- Jun 2014 **Audit Of Acute Traumatic Spinal Cord Injury (TSCI) Referrals To The Midlands Centre For Spinal Injuries (MCSI)**
EFORT-2014 annual congress, London, UK
- Dec 2013 **Comparison of rehabilitation outcomes following fall and TSCI**
British Society of Rehabilitation Medicine Meeting, RCP London, UK
- Dec 2013 **Non traumatic spinal cord injuries compared to traumatic spinal cord injuries; are there differential rehabilitation outcomes ?**
British Society of Rehabilitation Medicine Meeting, RCP London, UK
- Sep 2013 **Comparison of rehabilitation outcomes following falls related and traumatic spinal cord injury**
52nd ISCoS Annual Scientific Meeting, Turkey
- Sep 2013 **Non traumatic spinal cord injuries compared to traumatic spinal cord injuries; are there differential rehabilitation outcomes?**
52nd ISCoS Annual Scientific Meeting, Turkey
- Sep 2013 **Osteoporosis in Spinal Cord Injury (SCI)**
52nd ISCoS Annual Scientific Meeting, Turkey
- Sep 2013 **Patterns of Hepatic dysfunction following acute spinal cord injury**
52nd ISCoS Annual Scientific Meeting, Turkey
- Sep 2013 **Sputum Microbial characteristics and chest radiograph findings in Spinal Cord Injured Patients**
52nd ISCoS Annual Scientific Meeting, Turkey
- Sep 2013 **Surgical management of Acute Traumatic Spinal Cord Injury (TSCI): Oswestry Experience**
52nd ISCoS Annual Scientific Meeting, Turkey

- Sep 2013 **Traumatic Chylothorax in Spinal Cord Injury complicating inpatient rehabilitation: Case presentation**
52nd ISCoS Annual Scientific Meeting, Turkey
- Apr 2013 **Trends and characteristics of Spinal Cord Injury due to fall**
4th UK-Dutch Rehabilitation Meeting, Harrogate, UK
- Apr 2013 **Epidemiology and long term outcome of concomitant traumatic brain injury and spinal cord injury**
4th UK-Dutch Rehabilitation Meeting, Harrogate, UK
- Sep 2012 **Domiciliary ventilation service evaluation in tetraplegic patients - patients, carers and family perspective**
51st ISCoS Annual Scientific Meeting, London
- Sep 2012 **Audit of acute traumatic spinal cord injury (TSCI) referrals**
51st ISCoS Annual Scientific Meeting, London, UK
- Sep 2012 **Post traumatic syringomyelia (PTS) after spinal cord injury**
51st ISCoS Annual Scientific Meeting, London, UK
- Sep 2012 **Epidemiology and long term outcome of concomitant traumatic brain injury and spinal cord injury**
51st ISCoS Annual Scientific Meeting, London, UK
- July 2011 **Domiciliary ventilation in tetraplegic patients- patients, carers and family perspective**
BSRM-SRR Joint summer meeting, Keele, UK
- May 2010 **Pain management in patients with acute spinal injuries**
The North British Pain Association Spring Meeting, Edinburgh, UK
- Sep 2008 **Vertebral osteonecrosis as a confirmatory sign of acute spinal cord stroke of unknown aetiology in a young adult: a case report**
47th ISCoS Annual Scientific Meeting, Durban, South Africa
- Sep 2008 **Sudden onset complete paraplegia as a result of spontaneous spinal epidural haematoma following warfarin therapy**
47th ISCoS Annual Scientific Meeting, Durban, South Africa
- Sep 2008 **Concomitant cervical and thoracic spine fractures in long standing ankylosing spondylitis**
47th ISCoS Annual Scientific Meeting, Durban, South Africa
- Oct 2006 **Cervical spinal cord injuries in football players**
6th Mediterranean congress of Rehabilitation Medicine, Portugal

- Sep 2006 **Epidemiology of concurrent extra spinal fractures in acute SCI**
Annual Congress British Orthopaedic Association, Glasgow, UK
- Oct 2005 **Bedside assessment of sympathetic paralysis after spinal cord injury**
American Council of Rehabilitation Medicine & American Society of Neurorehabilitation, Chicago, USA
- Sep 2005 **Pseudarthrosis: an uncommon complication of symptomatic post traumatic syrinx**
14th Interurban Spinal Cord Injury Conference, Kingston, Ontario, Canada
- Sep 2005 **Missed underlying skeletal fractures below the level of injury in acute spinal cord injured patients,**
9th Congress of the Nordic Spinal Cord Society, Bergen, Norway
- Jan 2005 **Delayed onset bruise as an indicator of missed fractures**
33rd Annual National Conference of Indian Academy of PMR

Chairperson:

- **4th Joint Annual Scientific Meeting of ISCoS (International Spinal Cord Society) & ASIA (American Spinal Injuries Association),** in Montreal, Canada, May 2015
- **Guttmann Spinal Cord Injury Annual Conference,** Oswestry, 24 Jun 11

Reviewer:

- **Spinal Cord & Spinal Cord – Cases and Case series**
- **BMJ**
- **NIHR (National Institute for Health Research) Evaluation, Trials and Studies Coordinating Centre, UK**
- **NICE:**
 - (a)** as Chair, of the SCISIG (Spinal Cord Injury Medicine Special Interest Group) in British Society of Rehabilitation Medicine for Royal College of Physicians, London, NICE guidance on **Spinal Injury Assessment** (Feb 2016)
 - (b)** For Royal College of Physicians, London **NICE Medical Technologies Evaluation Programme-TUG**

Courses / Scientific meetings attended:

MEDICO-LEGAL

- **Brain and Spinal Cord Injury Conference 2016**- jointly organised by UK Charities, Headway (the Brain Injury Association) and Spinal Injuries Association, held at The Hilton Birmingham Metropole, Birmingham 12 May 2016
- **Medico-legal session on Consent**, Britspine 2016, Nottingham, 6 Apr 2016
- **Medical Expert Witness Training Day**, Stewarts Law, Leeds, 25 Feb 2016.
- **EXPERT WITNESS COURSE, Clinical Negligence, Healthcare Knowledge Ltd. (Specialistinfo)** Birmingham, 4 Nov 15.
- **Brain and Spinal Cord Injury Conference 2015**- jointly organised by UK Charities, Headway (the Brain Injury Association) and Spinal Injuries Association, Birmingham 20 May 2015
- **Medical Expert Witness Training Day**, Stewarts Law, London, 13 Jan 15.
- **Becoming a Medico-Legal Expert**, IrwinMitchell, London, 4 Jun 14.
- **Consent to treatment**, Bond Solon Training, 10 Sep 14.
- **Witness skills for Court**, Bond Solon Training, 11 Nov 13.
- **Complaints Investigations - Statement report writing**, by Bond Solon, 9 Sep 13.
- **Handling Complaints**, by Bond Solon, 25 Jul 13.
- **Vegetative and minimally conscious states: diagnosis, management and end-of-life decisions to inform clinical and legal practice conference** Royal College of Physicians of London, 12 Dec 13.
- **Clinical Responsibility**, Bond Solon Training, 24 Nov 11.

RESEARCH AND ETHICS

- Good Clinical Practice (GCP), Oswestry, 11 March 2016
- Critical Appraisal and/or Understanding Medical Statistics training, 14 Oct 14
- NIHR Pressure Ulcer Programme Grant Planning Meeting, Leeds 14 May 13
- Literature search skills training, Oswestry, 27 May 2010
- The 11th Spinal Research Network Meeting, Glasgow, 4 Sep 2009
- Understanding Statistics in Research : Workshop, Ormskirk, 15 Apr 2005
- Developing a Research Proposal: Workshop, Southport, 11 Oct 2004
- Ethics and Ethical approval, Southport, Nov 2004
- Good Clinical Practice: Workshop, Ormskirk, 29 April 2005

RESUSCITATION

- Paediatric Immediate Life Support, 11 Sep 2014
- Training on DNACPR, 25 Sep 2014
- Advanced Life Support Course, Oswestry, 21 Mar 2012
- Immediate Life Support Course, Oswestry, 17 June 2010
- Early Trauma and Critical Care, Royal College of Surgeons Ed, July 2005
- ATLS, Hove, Jun 2-4, 2004

TEACHING AND TRAINING:

- Educational Supervisor Accreditation, Royal College of Physicians of London, 13 Dec 11
- ARCP Workshop, 3 Oct 11
- Educational supervisor training day at Glyndwr University, 27 Nov 13

EXTERNAL ACTIVITY:

- Certificate in Urodynamics Course - Bristol Urological Institute, 18-20 Nov 2015
- Neuromuscular conditions for physicians Royal College of Physicians of London, 30 Nov 2015
- Annual Critical Care Sharing Event, Birmingham, 19 Jun 2015
- Osteoporosis Update, London 16 09 2015
- SIA Study Day on non-traumatic SCI, Birmingham 24 June 2015
- 15th EFORT Annual Congress, London 6 Jun 14
- Commissioning for Surgeons, RCS, West Midlands, 4 Apr 14
- 15th International Trauma Care Conference, Telford, 23 Mar14
- Prostate & Sexual Health 28 Nov 14
- Pre- 11th National ITB Forum meeting – workshop new IT drug delivery 3 Jul 14
- 10th National ITB Conference, 7 Jun 13
- 13th International Trauma Care Conference 2012, Telford, 26 Apr 12
- British Association of Spine Surgeons, 13 Mar 13
- 18th European Congress of Rehabilitation Medicine, Greece, 28 May 12
- Intrathecal Drug Therapy Workshop, 9 Mar 12
- Mastering Difficult Interactions with Patients, 3 May11
- Mastering Professional Interactions, 11 May 11
- BSRM/SRR Joint Summer Meeting, Keele, 3 Jul 11
- Managing Incontinence in the Elderly Patient, Shrewsbury, 27 May10
- Mastering Your Risk, 30 Mar 11
- 5th Oswestry Spinal Trauma Symposium 10 Dec 10
- 12th World Congress on Pain, International Association for the Study of Pain, Glasgow, 22 Aug 2008
- Palliative Care in the Acute Setting module, Southern General Hospital, Glasgow, 11 & 25th Oct and 9 & 23rd Nov 2007
- Cough Assist-Workshop, Livingston, 8 Nov 2007
- Achieving Evidence Based Rehabilitation American Council of Rehabilitation Medicine & American Society of Neurorehabilitation, Chicago, Oct 2005
- Basic Surgical Skills Course, Edinburgh, Nov 10-12, 2004

SPASTICITY MANAGEMENT:

- Advanced techniques in injection of Botulinum toxin in management of Spasticity, Oxford, 22nd May 2009
- Introduction to Botulinum Toxin as a part of multidisciplinary approach to Spasticity, Oxford, 28th Sept 2007

**COURSES AT NATIONAL CENTRE FOR PROSTHETICS AND ORTHOTICS,
UNIVERSITY OF STRATHCLYDE, GLASGOW:**

- AFO Management of Neurological Conditions, 21 May 2009
- Clinical Gait Analysis, 22 May 2008
- Wheelchairs and Seating, 25th – 27th Mar 2008
- Paediatric Prosthetics and Rehabilitation, 18th Feb 2008
- Lower Limb Prosthetics, 21st -25th Jan 2008
- Environmental Control Equipment, 23rd Apr 2007

BSRM- BRITISH SOCIETY OF REHABILITATION MEDICINE-MEETINGS:

- London, Dec/15
- London, 13/Dec/13
- Keele, 3 Jul 11
- Regional Study Day - Tissue Viability, Oswestry, 14 May 10
- Oxford, 30 Sep -2 Oct 2009
- Newcastle upon- Tyne, 9 November 2007

**BASCIS -BRITISH ASSOCIATION OF SPINAL CORD INJURY SPECIALISTS,
CLINICAL MEETINGS:**

- Stoke Mandeville, UK,
- Sheffield, UK, 6 Feb 15
- London, 27 Jun 13
- Pinderfields 21 Jun 12
- Loughborough 17 Nov 2010
- Middlesbrough , 23 Jun 10
- Belfast,18 Nov 2009
- Twickenham, 13 Nov 2008

**RISCI- RESPIRATORY INFORMATION FOR SPINAL CORD INJURY,
CLINICAL MEETINGS:**

- London, 10 Oct 14
- Stoke Mandeville spinal injuries unit, 9 Feb 2007

ISCOS - INTERNATIONAL SPINAL CORD SOCIETY, CLINICAL MEETINGS:

- Montreal, Canada, May 2015
- Maastricht, Netherlands, Sep 2014
- London, UK Sep 2012
- Durban, South Africa, Sept 2008
- Reykjavik, Iceland, Jun 2007

GUTTMANN MULTI-PROFESSIONAL SPINAL CORD INJURY CONFERENCE:

- London, 28 Jun 2013
- Oswestry, 24 Jun 11
- Middleburgh, 24 Jun 2010
- Glasgow, 20th Jun 2008
- Southport, 9th Jun 2006

MASCIP - MULTIDISCIPLINARY ASSOCIATION OF SPINAL CORD INJURY, CLINICAL MEETINGS:

- Loughborough, 17 Nov 2012
- Loughborough, 17 Nov 2010
- Belfast, 18 Nov 2009
- Twickenham, 13 Nov 2008

CPD

Maintained Continued Professional Development with the Federation of the Royal College of Physicians of UK.

5/25/2016

CPD Diary - Cycle Certificate



The Federation of the Royal Colleges of Physicians of the UK

CPD cycle for 2011/12 to 2015/16

Kumar, Naveen

GMC No: 6067216 / Membership no: 137029

Total	Clinical (external)	Clinical (internal)	Clinical (personal)	Non-Clinical (external)	Non-Clinical (internal)	Non-Clinical (personal)
988	299	231	141	44	106	167

✓ The minimum five year cycle credit requirements have been met

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Awards:

- **Employer Based Clinical Excellence Award 2014, Level - 1**
- **Very Highly Commended Poster** at the British Society of Rehabilitation Medicine meeting held at Southampton UK on June 2012
- **SIMFER prize** at the 18th European congress of Rehabilitation Medicine held at Greece on Jun 2012
- **Star publication of the RJA Orthopaedic Hospital** on May 2011
- **Best Scientific Oral Paper Presentation Award**, Second Annual Conference of Orthopaedic Association of four South Indian States 27th of July 2003.

Teaching and Training:

I am actively involved in teaching;

- Medical students from Glasgow University (2006-10) & Keele University (2010-)
- Foundation year and Core Medical Training doctors (2007-)
- Junior medical staff (includes 2 STR from WM Deanery) at MCSI (since 2010)
- Relatives and Carers at "Relatives days" held at RJA Hospital (since 2010)
- As an Educational and Clinical Supervisor to Specialty Trainee Registrars in Spinal Cord Injury, Rehabilitation Medicine, Neurology and Sports & Exercise Medicine (since 2010)
- As a BASCIS Educational Committee member contribute for training in Spinal Cord Injuries
- Specialty trainee registrars in PRM from Europe (European Board Certified Trainer)
- Doctors and MDT from China, Jordan, South Africa, Poland and Spain (since 2010-)

I have organised national and international meetings and obtained CPD approvals:

- **Spinal Cord Injury - Study Day**, Dec 2013
Federation of the Royal Colleges of Physicians
- **Spinal cord injury - at the cutting edge- recent developments**, Nov 2011
Federation of the Royal Colleges of Physicians
- **Spinal Cord Injury Symposium**, Mar 2011
Royal College of Surgeons of Edinburgh
- **Spinal Cord Injury Symposium**, Feb 2011
Federation of the Royal Colleges of Physicians

Local & Regional Responsibilities:

- **Audit Lead** for Spinal Injuries and Rehabilitation Medicine, RJAHS Orthopaedic and District Hospital NHS Foundation Trust- since 2014
- **Antibiotic Stewardship Committee**, RJAHS - since 2013
- **Midlands Critical Care and Trauma Network** - since 2012
- **Drugs & Therapeutics Committee**, RJAHS NHS Foundation Trust- since 2011

National Responsibilities:

- **Chair**, of the **SCISIG** (Spinal Cord Injury Medicine Special Interest Group) in British Society of Rehabilitation Medicine.
- **Member of West Midlands Specialist Training Committee** (since 2010)
- **BASCIS Educational committee** member (since 2010)
- The **National expert reviewer for Warwick Medical University NIHR Research Project - Spinal Immobilizer** (since 2011)
- **APPG** -All Party Parliamentary Group Spinal Cord Injury- Trust Representative (since 2010)
- **"Information management group"** in National Database development with National SCI Strategy Board- Representative (since 2012)

International Responsibility:

- Board certified Fellow and accredited as **"Trainer"** by the European Board of PRM, supervise trainees in PRM from Europe (2015)
- I was instrumental in getting recognition for my institution, (first and the only SCI Centre to be recognised) as a **"Training Centre"** by the European Board of PRM, I supervise trainees in PRM from Europe
- Member **Prevention Committee-International Spinal Cord Society** (2015)

Membership of professional societies:

- Royal College of Physicians of London (2015-)
- Royal College of Physicians of Edinburgh (2006-2015)
- European Board of Physical and Rehabilitation Medicine, - since 2010
- Medical Protection Society (MPS)- since 2010
- International Association for the Study of Pain (IASP) 2009
- Royal College of Surgeons of Edinburgh (RCSEd)- since 2006
- International Spinal Cord Society (ISCoS)- since 2006
- British Association of Spinal Cord Injury Specialists (BASCIS)- since 2006
- Multidisciplinary Association Of Spinal Cord Injury(MASCIP)- since 2006
- European Society of Rehabilitation Medicine (ESPRM)- since 2009
- British Society of Rehabilitation Medicine (BSRM)- since 2006
- Society for Research in Rehabilitation (SRR)- since 2006
- World Orthopaedic Concern (WOC)- since 2000