

January 2012 – December 2012 Annual Activity Report
The Centre for Spinal Studies and Surgery
Queen's Medical Centre
Nottingham University Hospitals

Clinical Activity:

Spinal Outpatients:

New complex and deformity patients:	665
Follow-up complex and deformity patients:	1930
New general patients:	2453
Follow-up general patients:	3480
New extended scope practitioner patients:	589
Follow-up extended scope practitioner patients:	472
New osteopathy patients:	96
Follow-up osteopathy patients:	1012
Total:	10697

Spinal Inpatients:

Day case admissions:	1164
Elective admissions:	748
Non-elective admissions:	548
Total	2464

Surgical cases performed by category:

Open degeneration cases:	468
Open deformity cases:	146
Open trauma cases:	61
Open tumour cases:	74
Min invasive trauma and tumour cases:	65
Miscellaneous cases:	116
Total:	930

Medical Team:

Full-time Consultants:	6
Part-time Consultant:	1
Associate Consultants:	2
Spinal Fellows:	6
Research Fellows:	4
Overseas Fellows:	2
Specialist Registrar:	1
Foundation Year:	2
Core Training:	1

Academic Activity:

Publications:

Effect of timing of surgery on neurological outcome and survival in metastatic spinal cord compression.

Quraishi NA, Rajagopal TS, Manoharan SR, Elsayed S, Edwards KL, Boszczyk BM.

Eur Spine J. 2012 Dec 30. [Epub ahead of print]

Access related complications in anterior lumbar surgery performed by spinal surgeons.

Quraishi NA, Konig M, Booker SJ, Shafafy M, Boszczyk BM, Grevitt MP, Mehdian H, Webb JK.

Eur Spine J. 2012 Dec 19. [Epub ahead of print]

Surgical treatment of cauda equina compression as a result of metastatic tumours of the lumbo-sacral junction and sacrum.

Quraishi NA, Giannoulis KE, Manoharan SR, Edwards KL, Boszczyk BM.

Eur Spine J. 2012 Dec 18. [Epub ahead of print]

Solid variant of aneurysmal bone cyst on the cervical spine of a child: case report, differential diagnosis and treatment rationale.

Karampalis C, Lenthall R, Boszczyk B.

Eur Spine J. 2012 Oct 31. [Epub ahead of print]

Cervical spine injury in the young child.

Ramrattan NN, Oner FC, Boszczyk BM, Castelein RM, Heini PF.

Eur Spine J. 2012 Nov;21(11):2205-11. doi: 10.1007/s00586-012-2292-1. Epub 2012 Jun 26.

Novel use of bone cement to aid atlanto-axial distraction in the treatment of basilar invagination: A case report and technical note.

Cacciola F, Patel V, Boszczyk B.

Clin Neurol Neurosurg. 2012 Sep 1. [Epub ahead of print] No abstract available.

Management of metastatic sacral tumours.

Quraishi NA, Giannoulis KE, Edwards KL, Boszczyk BM.

Eur Spine J. 2012 Oct;21(10):1984-93. doi: 10.1007/s00586-012-2394-9. Epub 2012 Jun 23.

Management of cervical myelopathy due to ossification of posterior longitudinal ligament in a patient with Alström syndrome.

Kanna RM, Gradil D, Boszczyk BM.

Eur Spine J. 2012 Dec;21(12):2418-24. doi: 10.1007/s00586-012-2305-0. Epub 2012 May 11.

Kyphoplasty for lytic tumour lesions of the spine: prospective follow-up of 11 cases from procedure to death.

König MA, Jehan S, Balamurali G, Bierschneider M, Grillhösl A, Boszczyk BM.

Eur Spine J. 2012 Sep;21(9):1873-9. Epub 2012 Apr 6.

A novel "pelvic ring augmentation construct" for lumbo-pelvic reconstruction in tumour surgery.

Thambiraj S, Forward DP, Thomas J, Boszczyk BM.

Eur Spine J. 2012 Sep;21(9):1797-803. Epub 2012 Apr 4.

Bridging the channel: the first British Isles supplement of the European Spine Journal.

Boszczyk B, Sell P.

Eur Spine J. 2012 May;21 Suppl 2:S149-50. doi: 10.1007/s00586-012-2266-3. Epub 2012 Mar 20. No abstract available.

Anterior thoracic foraminotomy through mini-thoracotomy for the treatment of giant thoracic disc herniations.

Russo A, Balamurali G, Nowicki R, Boszczyk BM.

Eur Spine J. 2012 May;21 Suppl 2:S212-20. doi: 10.1007/s00586-012-2263-6. Epub 2012 Mar 20.

A geometrical model of vertical translation and alar ligament tension in atlanto-axial rotation.

Boszczyk BM, Littlewood AP, Putz R.

Eur Spine J. 2012 Aug;21(8):1575-9. doi: 10.1007/s00586-012-2209-z. Epub 2012 Mar 2.

Transarticular fusion for treatment of cystic lesion arising from an odontoid fracture.

Parks RM, König MA, Boszczyk B, Shafafy M.
Eur Spine J. 2012 Mar 2. [Epub ahead of print]

Safety of fluoroscopy guided percutaneous access to the thoracic spine.

Clamp JA, Bayley EJ, Ebrahimi FV, Quraishi NA, Boszczyk BM.
Eur Spine J. 2012 May;21 Suppl 2:S207-11. doi: 10.1007/s00586-012-2201-7.
Epub 2012 Feb 23.

Asymmetric osteotomy of the spine for coronal imbalance: a technical report.

Thambiraj S, Boszczyk BM.
Eur Spine J. 2012 May;21 Suppl 2:S225-9. doi: 10.1007/s00586-012-2171-9.

Surgical management of U-shaped sacral fractures: a systematic review of current treatment strategies.

König MA, Jehan S, Boszczyk AA, Boszczyk BM.
Eur Spine J. 2012 May;21(5):829-36. doi: 10.1007/s00586-011-2125-7. Epub 2011 Dec 23. Review.

Limited access surgery for 360 degrees in-situ fusion in a dysraphic patient with high-grade spondylolisthesis.

König MA, Boszczyk BM.
Eur Spine J. 2012 Mar;21(3):390-5. doi: 10.1007/s00586-011-1994-0. Epub 2011 Oct 19.

Malpractice litigation and the spine: the NHS perspective on 235 successful claims in England.

Quraishi NA, Hammett TC, Todd DB, Bhutta MA, Kapoor V.
Eur Spine J. 2012 May;21 Suppl 2:S196-9. Epub 2012 Feb 25.

Intra-operative localisation of thoracic spine level: a simple "K'-wire in pedicle" technique

Thambiraj S, Quraishi NA.
Eur Spine J. 2012 May;21 Suppl 2:S221-4. Epub 2012 Feb 16

Posterior column reconstruction with autologous rib graft after en bloc tumor excision

Lewis SJ, Kulkarni AG, Rampersaud YR, Jhaveri S, Quraishi N, Bacon SA, Magana SP
Spine (Phila Pa 1976). 2012 Feb 15;37(4):346-50

Expert's comment concerning Grand Rounds case entitled "Fusionless posterior hemivertebra resection in a 2-year-old child with 16 years follow-up" (by D. Jeszenszky, T. F. Fekete, F. S. Kleinstueck, D. Haschtmann, L. Bognár).

Grevitt M.
Eur Spine J. 2012 Aug;21(8):1477-8. Epub 2012 Mar 16.

The Memory Metal Spinal System in a Posterior Lumbar Interbody Fusion (PLIF) Procedure: A Prospective, Non-Comparative Study to Evaluate the Safety and Performance.

Kok D, Grevitt M, Wapstra F, Veldhuizen A.

Open Orthop J. 2012;6:220-5. Epub 2012 Jun 15.

Paper 1: Comparison of Untreated Adolescent Idiopathic Scoliosis With Normal Controls: A Review and Statistical Analysis of the Literature.

Rushton PR, Grevitt MP.

Spine (Phila Pa 1976). 2012 Nov 19. [Epub ahead of print]

Anterior or Posterior Surgery for Right Thoracic Adolescent Idiopathic Scoliosis (AIS)? A Prospective Cohorts Comparison Using Radiologic and Functional Outcomes.

Rushton PR, Grevitt MP, Sell PJ.

J Spinal Disord Tech. 2012 Jul 19. [Epub ahead of print]

Upper arm length model suggests transient bilateral asymmetry is associated with right thoracic adolescent idiopathic scoliosis (RT-AIS) with implications for pathogenesis and estimation of linear skeletal overgrowth.

Burwell RG, Aujla RK, Grevitt MP, Randell TL, Dangerfield PH, Cole AA, Kirby AS, Polak FJ, Pratt RK, Webb JK, Moulton A.

Stud Health Technol Inform. 2012;176:188-94.

In girls with right thoracic adolescent idiopathic scoliosis (RT-AIS) the systemic skeletal overgrowth is associated with significant correction in three of four upper limb segments and not in lower limb segments.

Burwell RG, Grevitt MP, Randell TL, Dangerfield PH, Aujla RK, Cole AA, Kirby AS, Polak FJ, Pratt RK, Webb JK, Moulton A,

Clin Anat, 2012 25(6):799-800.

Several phenotypic features of girls with adolescent idiopathic scoliosis (AIS) are explained by postulating hypothalamic alterations in two successive normal life-style phase transitions.

Burwell RG, Grevitt MP, Randell TL, Dangerfield PH, Aujla RK, Cole AA, Pratt RK, Webb JK, Moulton A, Anderson SI, Gricvas TB

Clin Anat, 2012 25(6):800.

Detection of modern spinal implants by airport metal detectors.

Chinwalla F, Grevitt MP.

Spine (Phila Pa 1976). 2012 Nov 15;37(24):2011-6.

Congenital kypho-scoliosis: a case of thoracic insufficiency syndrome and the limitations of treatment.

Chatterjee AD, Hassan K, Grevitt MP.

Eur Spine J. 2012 Jun;21(6):1043-9.

A bilateral C7 pedicle fracture following a low energy injury.

Salem KM, Grevitt MP.

Injury. 2012 Apr;43(4):513-6.

Whither the etiopathogenesis (and scoliogeny) of adolescent idiopathic scoliosis (AIS)?

Burwell RG, Dangerfield PH.

Stud Health Technol Inform. 2012 176:3-19.

Maternal age at birth: does it dictate the epigenotypic expression of the trunkal asymmetry of a child?

Grivas TB, Mihas C, Maziott C, Zisis N, Sakellaropolou S, Akriotis A, Burwell RG.

Stud Health Technol Inform. 2012 176:36-42.

Adolescent idiopathic scoliosis (AIS), environment, exposome and epigenetics: a molecular perspective of postnatal normal spinal growth and the etiopathogenesis of AIS with consideration of a network approach and possible implications for medical therapy.

Burwell RG, Dangerfield PH, Moulton A, Grivas TB

Scoliosis 2011 6(1):26

Top theories for the etiopathogenesis of adolescent idiopathic scoliosis.

Wang WJ, Yeung HY, Chu WC, Tang NL, Lee KM, Qiu Y, Burwell RG, Cheng JC

J Pediatr Orthop 2011 31:S14-S27.

Automatic MRI segmentation and morphoanatomy analysis of the vestibular system in adolescent idiopathic scoliosis.

Shi L, Wang D, Chu WC, Burwell RG, Wong TT, Heng PA, Cheng JC

Neuroimage 2011 54 Suppl 1:S180-8.

Abnormal cerebral cortical thinning pattern in adolescent girls with idiopathic scoliosis.

Wang D, Shi L, Chu WC, Burwell RG, Cheng JC, Ahuja AT

Neuroimage 2012 ;59(2):935-42.

Adolescent idiopathic scoliosis (AIS), environment, exposome and epigenetics: normal postnatal spinal growth and the etiopathogenesis of AIS.

Burwell, RG, Dangerfield PH, Moulton A, Grivas TB.

Clin Anat, 2012 25(6):800.

Abnormal bilateral skeletal asymmetries and their putative genetic and epigenetic origins in enantiomorphic growth plates of girls with adolescent idiopathic scoliosis (AIS)

Burwell RG, Grevitt MP, Randell TL, Dangerfield PH, Aujla RK, Cole AA, Pratt RK, Webb JK, Moulton A, Anderson SI

Clin Anat 2012, 25(2); 267.

Right-handed girls with adolescent idiopathic scoliosis (AIS): abnormal bilateral upper arm length asymmetry is associated with scoliosis curve severity, side and site suggesting pathogenetic mechanisms affecting trunk and upper arms.

Burwell RG, Aujla RK, Grevitt MP, Randell TL, Dangerfield PH, Cole AA, Kirby AS, Polak FJ, Pratt RK, Webb JK, Moulton A.

Clin Anat 2012, 25(2); 267-8.

Regional skeletal sizes of healthy girls relative to size attained at 10 years as the comparator: percentage size trajectories reveal effects of differential growth consistent with intrinsic growth-plate programs involving time-tally patterning, genetically- and epigenetically-determined.

Burwell RG, Aujla RK, Randell TL, Dangerfield PH, Moulton A, Anderson SI.

Clin Anat 2012, 25(2); 268.

A transient, or resolving, bilateral asymmetry process in the pathogenesis of right thoracic adolescent idiopathic scoliosis in girls, suggested by findings of upper arm length asymmetry related to age, curve severity, and years after estimated menarcheal age.

Burwell RG, Aujla RK, Grevitt MP, Randell TL, Dangerfield PH, Cole AA, Kirby AS, Polak FJ, Pratt RK, Webb JK, Moulton A. 12th International Phillip Zorab Symposium, Royal College of Surgeons, London, 16-18 March 2011; 60.

J Bone Joint Surg Br 2012 vol. 94 SUPP XXVII 30.

Length asymmetries in upper limbs of right- and left-handed healthy girls age 5-18 years: proximo-distal reciprocal linear growth asynchronies, genetics, handedness and epigenetics?

Burwell RG, Aujla RK, Cole AA, Randell TL, Dangerfield PH, Moulton A.

Clin Anat 2012, 24(4); 529-30.

Right thoracic adolescent idiopathic scoliosis (RT-AIS) in girls: abnormal bilateral asymmetry of upper limb lengths involves forearms-with-hands as well as upper arms.

Burwell RG, Aujla RK, Grevitt MP, Randell TL, Dangerfield PH, Cole AA, Kirby AS, Polak FJ, Pratt RK, Webb JK, Moulton A.

Clin Anat 2012, 24(4); 530.

Suprapelvic height and pelvic height in healthy juveniles by body mass index (BMI): genetic programs intrinsic to growth plates in spine and pelvis may differ by gender, skeletal region and energy availability.

Burwell RG, Aujla RK, Randell TL, Dangerfield PH, Moulton A

Clin Anat 2012, 24(4); 530.

Maternal age at birth: does it dictate the epigenotypic expression of the trunkal asymmetry of a child?

Grivas TB, Mihas C, Maziott C, Zisis N, Sakellaropolou S, Akriotis A, Burwell RG.

Stud Health Technol Inform. 2012 176:36-42.

Abnormal cerebral cortical thinning pattern in adolescent girls with idiopathic scoliosis.

Wang D, Shi L, Chu WC, Burwell RG, Cheng JC, Ahuja AT:
Neuroimage 2012 ;59(2):935-42.

Rhizolysis: an unusual postoperative complication.

Sameena S Hassan, Sanjay S Purushothamdas, John J Webb, Masood M Shafafy
Am J Orthop (Belle Mead NJ) 41(8):E112-4 (2012)

High-grade spondylolisthesis: gradual reduction using Magerl's external fixator followed by circumferential fusion technique and long-term results.

Christos C Karampalis, Michael M Grevitt, Masood M Shafafy, John J Webb
Eur Spine J (2012)

A lipoma within the Achilles tendon sheath

Asif Z AZ Khan, Masood M Shafafy, Mark D MD Latimer, John J Crosby
Foot Ankle Surg 18(1):0 (2012)

Dose response and structural injury in the disability of spinal injury.

Patel MS, Sell P.
Eur Spine J. 2012 Nov 21

CT scanning reduces the risk of missing a fracture of the thoracolumbar spine.

Venkatesan M, Fong A, Sell PJ.
J Bone Joint Surg Br. 2012 Aug;94(8):1097-3.

Anterior or Posterior Surgery for Right Thoracic Adolescent Idiopathic Scoliosis (AIS)? A Prospective Cohorts Comparison Using Radiologic and Functional Outcomes.

Rushton PR, Grevitt MP, Sell PJ.
J Spinal Disord Tech. 2012 Jul 19.

Bridging the channel: the first British Isles supplement of the European Spine Journal.

Boszczyk B, Sell P.
Eur Spine J. 2012 May;21 Suppl 2:S149-50.

Cervical osteotomy in Ankylosing Spondylitis.

Mehdian SM, Boreham B, Hammett T.
Eur Spine J. 2012 Dec;21(12):2713-7.

Reviewer's comment concerning "Posterior transdural discectomy: a new approach for the removal of a central thoracic disc herniation."

(doi:10.1007/s00586-011-1990-4 by H.M. Coppes et al.).

Mehdian SM.
Eur Spine J. 2012 Apr;21(4):629.

Scoliosis Research Society-Schwab adult spinal deformity classification: a validation study.

Schwab F, Ungar B, Blondel B, Buchowski J, Coe J, Deinlein D, DeWald C, Mehdian H, Shaffrey C, Tribus C, Lafage V.
Spine (Phila Pa 1976). 2012 May 20;37(12):1077-82.

Scoliosis in Duchenne's muscular dystrophy: a changing trend in surgical management.

Ranganathan Arun, S. Srinivas, S. M. H. Mehdian.
European Spine Journal 04/2012; 19(3):376-383.

Validation of the SRSSchwab; Adult Deformity,Classification.

Benjamin Ungar, Frank Schwab, Virgini Lafaage, Benjamin Blondel, Jacob Buchowski, Jeffrey Coe Donald, Deinlein, Christopher Dewald, Hossein Mehdian, Christopher Shaffrey, Clifford Tribus.
Spine Journal 2012.

Laxity of the ulnar nerve during elbow flexion and extension.

Novak CB, Mehdian H, von Schroeder HP.
J Hand Surg Am. 2012 Jun;37(6):1163-7.

Removal of metalwork from the lumbar spine.

Clamp J, Tsegaye M.
Eur Spine J. 2012 Sep;21(9):1898-9.

A case of craniocervical abscess with sinus thrombosis in Lemierre's syndrome.

Price K, Wilson L, Tsegaye M.
Br J Neurosurg. 2012 Jun;26(3):426-8. Epub 2011 Nov 11.

Presentations:

James Booth.

Spine Tango Conservative – A New Data Collection Tool.
Presentation to Members of Lords Health Select Committee at Westminster
Round Table Event, London, 25 January 2012

James Booth.

The Role of Osteopathy in an Integrated Secondary Care Unit.
Presentation to British Osteopathic Association Council, London, 4 July 2012.

James Booth.

Spine Tango Conservative – Early Impressions from Initial Data Analysis.
Podium Presentation to British Osteopathic Association Annual Convention,
Warwickshire, November 2012.

B. Boszczyk

Cement injection in spinal metastasis
Sacoplasty
Dural tear management
Evidence base of percutaneous fracture fixation in the elderly
Vertebral artery injury management
Giant thoracic disc management
AOSpine Masters Symposium
Davos, Switzerland, December 10-13

NA Quraishi, M König, M Shafafy, **BM Boszczyk**, MP Grevitt, H Mehdian, JK
Webb

Access related complications in anterior lumbar surgery performed by spinal
surgeons

1. BritSpine, Newcastle, May 2012
2. NASS, Dallas, USA October 2012

KE Sherlock, S Elsayed, W Turner, M Bagouri, L Baha, **BM Boszczyk**, D McNally
The Evaluation of digital rectal examination for assessment of anal tone

1. SBPR, 8 November 2012, Isle of Man
2. NASS, Dallas, USA October 2012

B. Boszczyk

Surgical management of osteoporotic conditions of the spine
Spinal Symposium, October 2012, Kettering, UK

B. Boszczyk

C2/C3 chondrosarcoma
Staged correction for severe kyphotic deformity due to multiple osteoporotic
fractures
Metastatic Renal Cell Carcinoma L3-L5 resection and reconstruction
Spinal Aneurysmal Bone Cysts

2nd Bologna-Budapest Spine Meeting on Tumor and Osteoporosis, September
Budapest, Hungary

M. Grevitt, **B.M. Boszczyk**, J. Brousil

Rates of construct failure in lumbar pedicle subtraction osteotomy

1. Spine Society of Europe (Spineweek) May 2012, Amsterdam, Holland
2. BritSpine, Newcastle, UK May 2012

G Balamurali, M König, **B. Boszczyk**

Adjacent level cervical disc revision surgery – techniques and outcomes

Spine Society of Europe (Spineweek) May 2012, Amsterdam, Holland

T. Okoro, S. Nunez-Pereira, A. Luca, **B. Boszczyk**, P. Sell

An assessment of the perceived competence of European orthopaedic and
neurosurgical spine surgeons

Spine Society of Europe (Spineweek) May 2012, Amsterdam, Holland

A. Nitulescu, K.E. Giannoulis, Y. Arlachov, G. Balamurali, N.A. Quraishi, **B.M.
Boszczyk**

Analysis of the radiological outcome of Discoserv cervical disc replacement

1. CSRS (Spineweek) May 2012, Amsterdam, Holland
2. BritSpine, Newcastle, UK May 2012

C. Quah, M. Yeoman, A. Cizinauskas, K. Cooper, D. McNally, **B. Boszczyk**

Finite element investigation of the effect of spina bifida on loading of the vertebral
isthmus

1. ISSLS (Spineweek) May 2012, Amsterdam, Holland
2. EFORT May 2012 Berlin, Germany
3. BOA, Manchester September 2012

M.A. König, S. Panzer, M. Bierschneider, **B.M. Boszczyk**

MRI changes of intervertebral disc after cement augmentation

ISSLS (Spineweek) May 2012, Amsterdam, Holland

B. Boszczyk

Preventing construct failure in tumour surgery

AOSpine Europe Knowledge Forum—Tumour Spine Symposium (31 May 2012)
(Spineweek) , Amsterdam, Holland

A Russo, **B Boszczyk**

Upper cervical spine injuries

B Boreham, **B Boszczyk**

Paediatric spinal injuries

J Clamp, **B Boszczyk**

Subaxial cervical spine fracture classification

AOSpine Principles Course

Nottingham March 2012

Grivas TB, **Burwell RG**, Dangerfield PH:

Body mass index in relation to truncal asymmetry of healthy adolescents, a pathogenetic concept. Summary of an electronic focus group debate of the IBSE

Burwell RG, **Grevitt MP**, Randell TL, Dangerfield PH, Aujla RK, Cole AA, Kirby AS, Polak FJ, Pratt RK, Webb JK. Moulton A
In girls with right thoracic adolescent idiopathic scoliosis

Grivas TB, **Burwell RG**, Dangerfield PH

Body mass index in relation to truncal asymmetry of healthy adolescents, a pathogenetic concept. Summary of an electronic focus group debate of the IBSE/ACA Abstracts December 2011, Cardiff,

Burwell RG, Aujla RK, Randell TL, Dangerfield PH, Moulton A, Anderson SI
Regional skeletal sizes of healthy girls relative to size attained at 10 years as the comparator: percentage size trajectories reveal effects of differential growth consistent with intrinsic growth-plate programs involving time-tally patterning, genetically- and epigenetically-determined. *Clin Anat* 2012, 25(2); 268.
12th Zorab Scoliosis Symposium March 2011, London

Hossein Mehdian, David Copas, J Mehta;
Analysis of Sagittal Alignment Correction in Ankylosing Spondylitis Using Three Different Osteotomy Techniques. Presented at IMAST Meeting Copenhagen July 13-16, 2011

Hossein Mehdian, R Arun, David Copas, J Mehta;
Comparison of Clinical and Radiological Outcomes of Three Surgical Techniques in Scheuermann's Kyphosis. Presented at IMAST Meeting Copenhagen July 13-16, 2011

Hossein Mehdian, David Copas, J Mehta;
Radiological Outcomes of Segmental Pedicle Screw Fixation in Spinal Deformity Surgery. Presented at the IMAST Meeting Copenhagen July 13-16, 2011

Hammett T., Boreham B., **Mehdian H.**;
The survival of Intrathecal Baclofen pumps in neuromuscular scoliosis Surgery. UK podium presentation Spineweek 2012 Amsterdam 28 May- 1 June

Quraishi N., Konig M., Shafafy M., Boszczyk B., Grevitt M., **Mehdian H.**, Webb J.;
Access related complications in anterior lumbar surgery performed by spinal Surgeons, UK podium presentation Spineweek 2012 Amsterdam 28 May-1 June

Boreham B., **Mehdian H.**;
Pedicle screw placement in spinal deformity using anatomical landmarks Without image guidance, UK podium presentation Spineweek 2012 Amsterdam 28 May- 1 June

Boreham B., Ranganathan A., **Mehdian H.**
Comparison of clinical and radiological outcomes of three surgical techniques in Scheuermann's kyphosis; UK podium presentation Spineweek 2012 Amsterdam 28 May-1 June

Boreham B., Hammett T., Dabke H., **Mehdian H.**;
Clinical outcomes of a novel French door cervical laminoplasty technique UK poster presentation Spineweek 2012 Amsterdam 28 May- 1June

Mehdian H., Boreham B., Ranganathan A.;
A safe, controlled, instrumented, reduction technique for cervical osteotomy in ankylosing spondylitis – An 18-year experience, UK poster presentation Spineweek 2012 Amsterdam 28 May- 1 June

Hammett T., Qurashi N.A., **Mehdian H.**;
Postero-lateral transpedicular cervical corpectomy and stabilisation: Technical report, UK poster presentation Spineweek 2012 Amsterdam 28 May- 1 June

Clamp J., Boreham B., Hammett T., **Mehdian H.**;
Analysis of sagittal plane parameters following deformity correction in Scheuermann Kyphosis using '100% metal density' posterior segmental screw fixation; UK UK accepted for poster presentation Spineweek 2012 Amsterdam 28 May- 1 June

Mousavi S.J., Montazeri A., Omidvari S., **Mehdian H.**, Parnianpour M.;
Translation and validation study of the persian version of the fear avoidance beliefs questionnaire Iran & UK, accepted for poster presentation Spineweek 2012 Amsterdam 28 May- 1 June

Hossein Mehdian; Jonathan Clamp; Ben Boreham; Tim Hammett; Nasir Quraishi
Management of Early Onset Neuromuscular Scoliosis with Segmental Self-Growing Rod Constructs– Top Paper Award Finalist 6 International congress on Early onset scoliosis and growing spine (ICEOS)November 15-16, 2012 Dublin, Ireland

H Mehdian
Management of early onset congenital and idiopathic scoliosis 6 International congress on Early onset scoliosis and growing spine (ICEOS)November 15-16, 2012 Dublin, Ireland.

H Mehdian, B Boreham, T Hammett, J Clamp,
Segmental self growing rods constructs in the management of early onset neuromuscular scoliosis; Scoliosis Research Society, 47th Annual Meeting & Course SRS, Chicago, IL, USA, September 5-8, 2012

Frank J. Schwab, MD1; Jason Demakakos, MS2; Benjamin Blondel, MD3; Jacob M. Buchowski, MD, MS4; Benjamin Ungar1; Jeffrey D. Coe, MD5; Donald Deinlein, MD6; **Hossein Mehdian, FRCS7**; Christopher Shaffrey, MD8; Virginie Lafage, PhD1; Jamie S. Terran2

Unmarked Image Validation of the SRS-Schwab Adult Deformity Classification ,
NASS Meeting, October 2012, Dallas, USA
NASS Meeting, October 2012, Dallas, USA

Benjamin Ungar, Frank Schwab, Virgin iLafaage, Benjamin Blondel, Jacob Buchowski, Jeffrey Coe Donald, Deinlein, Christopher Dewald , **Hossein Mehdian**, Christopher Shaffrey, Clifford Tribus.

Validation of the SRS- Schwab; Adult Deformity Classification. Presented at IMAST Meeting Copenhagen July 13-16, 2011.

Hammett T., Boreham B., **Mehdian H.**
The survival of Intrathecal Baclofen pumps in neuromuscular scoliosis Surgery.
NASS Meeting, October 2012, Dallas, USA

H Mehdian

Management of early onset Congenital and Idiopathic scoliosis, ICEOS) November 15-16, 2012 , Dublin, Ireland.

Mehdian H., Boreham B., Ranganathan
A safe, controlled, instrumented, reduction technique for cervical osteotomy in ankylosing spondylitis – An 18-year experience, 47th Annual Meeting & Course SRS, Chicago, IL, USA, September 5-8, 2012

H Mehdian

Management of Early Onset Scoliosis; Annual meeting Of Iranian Orthopaedic Association Meeting, Tehran-Iran, 15-19 October 2012

H Mehdian

Pre-operative Planning for Free-Hand Pedicle Screw Placement in Spinal Deformity; Annual meeting of Iranian Orthopaedic Association Meeting , Tehran-Iran, 15-19 October 2012

H Mehdian

Osteotomy in Ankylosing Spondylitis, ; Annual meeting Of Iranian Orthopaedic Association Meeting , Tehran-Iran, 15-19 October 2012

H Mehdian

The selection of the distal Instrumentation level in Lenke Type1 Curves, Using Segmental Screw Fixation; Annual meeting Of Iranian Orthopaedic Association Meeting , Tehran-Iran, 15-19 October 2012

H Mehdian

Management of Cervical Spine Fractures ; Annual meeting Of Iranian Orthopaedic Association Meeting , Tehran-Iran, 15-19 October 2012

T.S. Rajagopal and N.A. Quraishi

Current Concepts in the Management of Metastatic Spinal Tumours
57th Annual Conference of the Indian Orthopaedic Association, Chennai, December, 2012

N A Quraishi - Chair

East Midlands Cancer /Network Site Meeting for MSCC
Presentation of East Midlands Audit on MSCC – A NICE recommendation,
Nottingham, March 2012

N A Quraishi - Faculty and Chair for Surgical Station

Future Surgeons: Key Skills Course
The Royal College of Surgeons of Edinburgh, Nottingham, UK, November 2012

N A Quraishi - Invited Faculty/Expert Review Committee

Global Spinal Tumour Study Group (GSTSG) meeting
Dallas, USA, November 2012

N A Quraishi - Invited speaker and examiner for vivas at the 'Nottingham Basic Science Course for the FRCS'

The Spine and Basic Science
Nottingham, September 2012

J Clamp, B Boreham, T Hammett, **N Quraishi**, H Mehdian

Selection of Distal Instrumentation Level in Posterior Segmental Screw Fixation
in the Correction of Adolescent Idiopathic Scoliosis
Poster presentation, *IMAST*, Istanbul, Turkey, July 2012

H Mehdian, B Boreham, T Hammett, **N Quraishi**, A Raganathan

V-Y Vertebral Body Osteotomy for the Correction of Fixed-Flexion Deformity of
the Lumbar Spine
Poster presentation, *IMAST*, Istanbul, Turkey, July 2012

SMH Mehdian, T Hammett, G Arealis, B Boreham, J Clamp, **N A Quraishi**

Segmental Self Growing Rod Constructs in the Management of Early Onset
Neuromuscular Scoliosis
Podium presentation, *Britspine*, Newcastle, April 2012
Podium presentation, *Scoliosis Research Society*, Chicago, September 2012
Podium presentation, *Early onset scoliosis and growing spine symposium*,
Dublin, Ireland, November 2012; Awarded Best Paper

N A Quraishi - Invited lecturer, *Inspiration meeting*

Cost Effectiveness of Minimally Invasive Surgery
Porto, Portugal, June 2012

N A Quraishi - Course chairman

The 3rd Anterior Exposures Course in Spinal Surgery
Synthes cadaveric/live surgery exposures course, Nottingham, June 2012

Hammett T, **Quraishi N A**, Mehdian H.

Postero-lateral Transpedicular Cervical Corpectomy and Stabilisation: Technical
report
Poster presentation, *Spineweek, Eurospine*, Amsterdam, May 2012

N A Quraishi - Invited speaker

Quality of Life Following Surgery for Metastatic Spinal Cord Compression
AO Spine Knowledge Forum, Tumor Spine Symposium, *Spineweek*, Amsterdam,
May 2012

N A Quraishi, S Elsayed, T Rajagopal

The Timing of Surgery in Metastatic Spine Cord Compression
Podium presentation, *Spineweek, Eurospine*, Amsterdam, May 2012
Podium presentation, *2nd Bologna-Budapest Spine Meeting on Tumors & Osteoporosis*, September 2012

N A Quraishi, M Konig, S Booker, M Shafafy, B Boszczyk, **M Grevitt**, H Mehdi, J K Webb

Access-Related Complications in Anterior Lumbar Surgery Performed by Spinal Surgeons
Podium presentation, *NASS*, Dallas November 2012
Podium presentation, *Spineweek, Eurospine*, Amsterdam, May 2012
Podium presentation, *Britspine* meeting, Newcastle, May 2012

N A Quraishi, S Purushamtodas, R Lenthall, M Grevitt

Outcome of Embolized Vascular Metastatic Spinal Tumors Causing Cord Compression
Podium presentation, *Spineweek, Eurospine*, Amsterdam, May 2012
Podium presentation, *Britspine* meeting, Newcastle, May 2012
Podium presentation, *2nd Bologna-Budapest Spine Meeting on Tumors & Osteoporosis*, September 2012
Podium presentation, *NASS*, Dallas, November 2012

N A Quraishi - Chair

East Midlands Cancer /Network Site Meeting for MSCC
Nottingham, March 2012

Nitulescu A , Giannoulis K, König M, Arlachov Y, Balamurali G, **Quraishi N A**, Boszczyk B.M.

Radiological Outcome Analysis of the Discocerv Cervical Disc Replacement
Podium presentation, *Spineweek, Eurospine*, Amsterdam, May 2012
Podium presentation, *Britspine* meeting, Newcastle, May 2012

N A Quraishi - Invited speaker

Management of Spinal Metastases and Metastatic Spinal Cord Compression
Yorkshire Specialist Registrar's symposium, Doncaster, February 2012

Masood Shafafy

Childhood Scoliosis, Imperial College Spine Course, Royal College of Surgeons of England, London, March 2012

Masood Shafafy

Anterior Corpectomy and stabilization techniques, Imperial College Spine Course, Royal College of Surgeons of England, March 2012

Masood Shafafy

Complications of anterior retroperitoneal approach , Nottingham anterior approach course, June 2012

Masood Shafafy

Advance Vertebral Augmentation techniques, 20th annual congress of Iranina Orthopeadic Association, October 2012,