

RESEARCH APPROVED ETHICS / R&D APPLICATIONS/ GRANTS

1. A prospective randomised trial: Femoral ring allograft versus a titanium cage in circumferential lumbar spinal fusion.
R&D ID OR 059844 Commercial Grant Synthes
2. An international, multicentre, prospective, non-comparative post-marketing surveillance to evaluate the use of IDET for chronic discogenic low back pain.
R&D ID OR 050101
Commercial Grant DePuy 2001 £3600
3. Driver Reaction Time before and after Treatment For Lumbar Radiculopathy.
R&D ID Q2404/155 2005 & QOR080502
4. A Multi-Centre, Prospective, Non-Comparative Post-Marketing Surveillance Study to Evaluate the Safety and Performance of the Memory Metal Spinal System used in conjunction with the Brantigan IF® Cage in the Treatment of Spondylolisthesis, Symptomatic Spinal Stenosis or Degenerative Disc Disease.
R&D ID Q2030301.
Commercial grant DePuy 2004-7 £6000
5. Educational endowment. Commercial Grant Synthes 2006-recurrent £50,000 p.a.
6. A Post-marketing study to evaluate the Expedium Memory Metal Spine System in the treatment of Thoracic Adolescent Idiopathic Scoliosis. MREC 09/H0903/4. Multicentre (Europe, USA) perspective study – Lead Investigator. August 2009 08OR002

CURRENT & ON-GOING COLLABORATIONS

1. Professor A Veldhuizen, University of Groningen. Study of the safety of the Memory Metal System in Low Back Fusion (paper submitted to Spine)
2. Professor K Klaxton, York Health Economics Unit, University of York. Cost-utility analysis of IDET compared to Spinal Fusion (paper submitted to Spine)
3. Professor Tomas Paus, Brain & Body Centre, Nottingham University. MRmorphometric difference in brains of adolescents with AIS vs. normals
4. Emeritus Professor Geoffrey Burwell, University of Nottingham, Dr T Randell, Consultant Paediatrician, QMC. Leptin, asymmetric bone growth, pathogenesis of adolescent idiopathic scoliosis (AIS).
5. Professor Klaus Karstens, Heidelberg University, Germany; Dr Paco Sanchez,

University of Madrid, Spain; Mr Brad Willimason, Hope Hospital, Manchester; Dr Peter Newton, San Diego University; Dr Suken Shah, Wilmington Delaware; Dr Barron Lonner, Hospital of Special Surgery, New York USA.
Study to evaluate the Expedium Memory Metal Spine System in the treatment of Thoracic Adolescent Idiopathic Scoliosis

6. Dr Susan Anderson, Chief Experimental Officer Head of Advanced Microscopy, University of Nottingham, School of Biomedical Sciences.
Leptin & neuro-peptide receptor in human spinal cartilaginous growth plates.

7. Marie Smith PhD thesis (clinical supervisor): Leptin & neuro-peptide receptor in human spinal cartilaginous growth plates. In conjunction with: Dr Susan Anderson, Chief Experimental Officer Head of Advanced Microscopy University of Nottingham, School of Biomedical Sciences.

8. Paul Rushton MSc dissertation (honorary clinical tutor University of Edinburgh);
Patient reported outcomes in the surgical management of adolescent idiopathic scoliosis

9. Professor Jeremy Fairbank (Principal investigator)
Long term Follow-up (> 10 years) of patients with chronic low back pain from 3 trials comparing fusion and non-operative care. Is adjacent segment disc degeneration (ASDD) more likely in patients treated with fusion? (MREC 11RH003)

PUBLICATIONS

1. **Grevitt MP.** Osteoid osteoma as a cause of hip pain. J. R. Army Med Corps. 1990;136:111
2. **Grevitt MP, Green ADL.** Pustulotic arthro-osteitis. Clin Rheum 1990;9:545
3. **Grevitt MP, MacDonald RJ.** Spontaneous Tibial Compartment Syndrome. Injury. 1991;22:330
4. **Grevitt MP, Mehuideen HA, Griffiths C.** Management of major trauma in a military hospital. J. R. Army Med Corps 1991;137:131
5. **Grevitt MP.** Treatment of fractures of the tibial shaft with interfragmentary screws and external fixation. J. R. Army Med Corps 1992;138:33
6. **Grevitt MP, Pool CJF, Bodley R, Savage P.** Magnetic resonance imaging of the knee - initial experience in a district general hospital. Injury 1992;23:410
7. **Grevitt MP, Taylor M, Churchill M, Allen P, Ryan P, Fogelman I.** SPECT imaging in the diagnosis of meniscal tears. J. Roy. Soc Medicine 1993;86:639
8. **Ryan P, Taylor M, Grevitt MP, Allen P, Shields J, Clarke SEM, Fogelman I.**

Bone single-photon emission tomography in recent meniscal tears: an assessment of diagnostic criteria. *Eur J Nucl Med* 1993;20:703

9. **Grevitt MP, Spencer JDS.** Avascular necrosis of the hip treated by hemiarthroplasty - results in renal transplant recipients. *J Arthroplasty* 1995;10(2):205-211

10. **Grevitt MP, Gardner ADH, Spilsbury J, Baskerville R, Shackleford IM, Mulholland RC.** The Graf Stabilisation System - early results in 50 patients. *Eur Spine J.* 1995;4(3):169-175

11. **Grevitt MP, MacLaren A, Shackleford I, Mulholland RC.** Automated percutaneous lumbar discectomy - an outcome study. *J Bone Joint Surg [Br]* 1995;77B; 626-629

12. **Grevitt MP.** Low Back Pain - abnormalities rare on X-ray examination. *BMJ.* 1993;306:1267 (letter)

13. **Grevitt MP, Mulholland RC.** Contained rupture of an aortic aneurysm mimicking discitis. *Eur Spine J* 1996;5:128-130.

14. **Grevitt MP, Khazim R, Webb JK, Mulholland RCM.** The Short Form 36 Health Survey Questionnaire in spine surgery. *J Bone Joint Surg [Br]* 1997;79B:48-52

15. **Grevitt MP, Pande K, O'Dowd J, Webb JK.** Do first impressions count? Comparison of subjective and psychometric assessment of low back patients. *Eur Spine J.* 1998;7(3):218-223

16. **Grevitt MP, Mehdian SMH.** Infantile epidural abscess. *Eur Spine J* 1998;

17. **Kothari P, Niemeyer T, Grevitt MP.** Outcome of low back pain in general practice. Use of disease specific questionnaire may have influenced results *BMJ.* 1998;317(7165):1083-4 (letter)

18. **Sengupta D, Grevitt MP, Mehdian SH.** Hypoglossal nerve injury as a complication of anterior cervical surgery. *Eur Spine J.* 1999;8:78-80.

19. **Kothari P, Freeman BJ, Grevitt MP, Kerslake R.** Spinal cord injury without radiographic abnormality in adult (SCIWORA). *J Bone Joint Surgery [Br]* 2000;82B:1034-7.

20. **Niemeyer T, Freeman BJ, Grevitt MP, Webb JK.** Anterior thoracoscopic surgery followed by posterior instrumentation and fusion in spinal deformity. *Eur Spine J.* 2000;9:499-504.

21. **Hoad CL, Martel AL, Kerslake R, Grevitt M.** A 3D MRI sequence for computer assisted surgery of the lumbar spine. *Phys. Med. Biol* 2001;46:N213-220.

22. **Sengupta DK, Khazim R, Grevitt MP, Webb JK.** Flexion osteotomy of the spine for correction of iatrogenic extension deformity in ankylosing spondylitis. *Spine*. 2001;26:1068-1072.
23. **Pelosi L, Lamb J, Grevitt MP et al.** Combined monitoring of motor and sensory evoked potentials in orthopaedic spinal surgery. *Clinical Neurophysiology*. 2002;113:1082-1091.
24. **McConnell JR, Freeman BJC, Debnath UK, Grevitt MP, Prince HG, Webb JK.** A prospective randomised comparison of coralline hydroxyapatite with autograft in cervical interbody fusion. *Spine* 2003;28(4):317-323.
25. **N Farooq, M Grevitt.** Does size matter? A comparison of balloon assisted less invasive vs conventional retroperitoneal approach for anterior lumbar interbody fusion. *Eur Spine J*. 2004;13(7):639-644.
26. **Leung, YL; Grevitt MP; Henderson L, Smith J.** Cord Monitoring Changes and Segmental Vessel Ligation in the "At Risk" Cord During Anterior Spinal Deformity Surgery. *Spine*. 30(16):1870-1874, August 15, 2005.
27. **Jones A; Clarke A; Freeman B; Lam K; Grevitt MP** The Modic Classification: Interand Intraobserver Error in Clinical Practice. *Spine*. 30(16):1867-1869, August 15, 2005.
28. **McKenna P, Freeman B, Mulholland R, Grevitt M, Webb J, Mehdiian S.** SSE Clinical Science Award. A prospective, randomised controlled trial of femoral ring allograft versus titanium cage in circumferential lumbar spinal fusion with minimum 2-year clinical results. *Eur Spine J* 14:727-737, 2005
29. **Kathirgmanathan A, Jardine A, Levy D, Grevitt MP.** Lumbar disc surgery in the third trimester – with the foetus in utero. *Int J Obst Anaes* 2006;15 : 181-182
30. **Watkins RG 4th, Hussain N, Freeman BJ, Grevitt MP, Webb JK.** Anterior Instrumentation for Thoracolumbar Adolescent Idiopathic Scoliosis: Do Structural Interbody Grafts Preserve Sagittal Alignment Better Than Morselized Rib Autografts? *Spine*. 2006 Sep 15;31(20):2337-2342.
31. **McCarthy MJH, Aylott CEW, Grevitt MP, Hegarty J.** Cauda equina syndrome: Factors affecting long-term functional & sphincteric outcome. *Spine* 2007;32(2):217-216
32. **U K Debnath, B J C Freeman, M P Grevitt, J Sithole, B E Scammell, J K Webb** Symptomatic Unilateral Stress Injuries of the Lumbar Pars Interarticularis. *Spine*. 2007 Apr 20;32(9):995-1000

33. **A Al-khayer, MP Grevitt.**
A review of scaroliliac pain. *Columna*. 2007;6(1):46-50
34. **Behensky H, Cole A, Freeman B, Grevitt MP, Mehdian SHM, Webb JK.**
Fixed lumbar apical vertebral rotation predicts spinal decompensation in lenke type 3c adolescent idiopathic scoliosis after selective posterior thoracic correction and fusion.
Eur Spine J. 2007 May 23;5:
35. **Andrews J, Clamp J, Grevitt M.**
Radiological predictors of curve flexibility in adolescent idiopathic scoliosis.
J Spinal Disord Tech. 2008 May;21(3):213-215
36. **Al-Khayer A, Grevitt MP, Hahn D.**
Percutaneous sacroiliac joint arthrodesis: a novel technique.
J Spinal Disord Tech. 2008 Jul;21(5):359-63.
37. **Al-Khayer A, Grevitt MP.**
The Sacroiliac Joint; An Underestimated Cause For Low Back Pain.
J Back & Musculoskel Rehab 2007 20(4):135-141
38. **McCarthy M, Grevitt MP, Hobbs G.**
The Vernon-Mior neck disability questionnaire.
Eur Spine J. 2007 Dec;16(12):2111-7. Epub 2007 Oct 6.
39. **Al-Khayer A, Grevitt MP, Kruszewski G etc**
Driver brake reaction time after treatment of sciatica.
Spine. 2008 Jul 1;33(15):1696-700.
40. **Burwell RG, Aujla RK, Grevitt MP, Dangerfield PH, Moulton A, Randell TL, Anderson SI:**
Pathogenesis of adolescent idiopathic scoliosis in girls. A double neuroosseous theory involving disharmony between two nervous systems, somatic and autonomic expressed in the spine and trunk: possible dependency on hormones and sympathetic nervous system with implications for medical therapy.
Scoliosis, 2009 Oct 31;4:24
41. **Grevitt M, Kamath V, Avadhani A, Rajasekaran S.**
Correction of thoracic kyphosis with Ponte osteotomy.
Eur Spine J. 2010 Feb;19(2):351-2. No abstract available.
42. **Salem KM, Grevitt MP.**
A bilateral C7 pedicle fracture following a low energy injury.
Injury. 2010 Oct 11. [Epub ahead of print] No abstract available.
43. **Salem KM, Grevitt MP.**
A bilateral C7 pedicle fracture following a low energy injury.
Injury. 2010 Oct 11.

44. **Pal D, Sell P, Grevitt M.** Type II odontoid fractures in the elderly: an evidence-based narrative review of management. Eur Spine J. 2010 Sep 12. [Epub ahead of print]
45. **Kerr HL, Dabke HV, Collins IE, Grevitt M.** Claustrophobia: A Proxy For Psychological Distress in Patients With Back Pain. J Spinal Disord Tech. 2011 Jun 1. [Epub ahead of print]
46. **Sanchez Perez-Gruoso FJ**
Expert's comment concerning Grand Rounds case entitled "Congenital kyphoscoliosis: a case of Thoracic Insufficiency Syndrome and the limitations of treatment" (by A.D. Chatterjee, K. Hassan and M.P. Grevitt).
Sanchez Perez-Gruoso FJ. Eur Spine J. 2011 Nov 15. [Epub ahead of print]
No abstract available.
PMID: 22083837 [PubMed - as supplied by publisher]
47. **Chatterjee AD, Hassan K, Grevitt MP.** Congenital kypho-scoliosis: a case of thoracic insufficiency syndrome and the limitations of treatment. Eur Spine J. 2011 Nov 3. [Epub ahead of print] PMID: 22048403 [PubMed - as supplied by publisher]
48. **Christos Karampalis, Michael Grevitt, Masood Shafafy, John Webb.** High-grade spondylolisthesis: gradual reduction using Magerl's external fixator followed by circumferential fusion technique and long-term results. European spine journal : official publication of the European Spine Society, the European Spinal Deformity Society, and the European Section of the Cervical Spine Research Society. 02/2012; 21 Suppl 2:S200-6
49. **Grevitt, M.**
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).
European Spine Journal,03/2012; DOI:10.1007/s00586-012-2200-8

BOOK CHAPTERS

1. **Khazim R, Grevitt MP, Reckling C, Harris M, Webb JK.** Instrumented lumbosacral fusion in degenerative spine using the Universal Spine System. In: Instrumented Fusion of the Degenerate Lumbar Spine - State of the Art, Questions, Controversies. Szypalski M, Gunzburg R, Spengler DM, Nachemson A (eds). Lippincott-Raven publishers, Philadelphia 1996:105-119
2. **Grevitt MP, Webb JK.** Kyphosis. In: Oxford Textbook of Orthopaedics and Trauma. Buckwalter J, Bulstrode C, Fairbank J et al (eds), Oxford University Press, Oxford, 2000

3. McClellan J, Grevitt MP, Webb JK.

Thoracoplasty. In Paediatric Spine Surgery. S. Weinstein (ed) Lippincott Williams & Wilkins, Philadelphia 2001. 283-293

4. Wild A, Grevitt M, Webb J.

Staged reduction and fusion with external fixateur and combined approach for spondyloptosis. In: Severe spondylolisthesis, pathology, diagnosis and therapy eds. Harms J, Sturz H. Springer Verlag, Berlin 2002; 129-136

5. J. Clamp, M. Grevitt

Spinal infections. Surgery (Oxford) 2009, Volume 27, Issue 7, Pages 306-310

6. S. Jurgens, M. Grevitt

Spinal Injuries. In Neuroanaesthesia, Oxford Specialist Handbook in Anaesthesia, eds Nathanson M, Moppett I, M Wiles. Oxford University Press, 2010: 316-321

BOOK REVIEWS

1. **Grevitt MP.** J Bone Joint Surg 2005 87B [2]:279 'Vertebral metastases ed Pointillart. Spinger-Verlag 2005'

PRESENTATIONS

1. Grevitt MP, MacDonald R.

Clinical presentations of osteoid osteoma. XII Annual Defence Medical Services Surgical meeting, DMSRU Headley Court, 1988

2. Grevitt MP, Henderson NJ, Pool CJF.

Management of sciatica in the community. Central Orthopaedic Club, Milton Keynes, 1991

3. Grevitt MP, Henderson NJ.

Stabilisation of fractures of the thoracolumbar spine with the fixateur-interne. The Girdlestone Orthopaedic Society, Oxford, 1991

4. Grevitt MP, Pool CJF, Bodley R, Savage P.

Magnetic resonance imaging of the knee - initial experience in a district general hospital. Central Orthopaedic Club, Oxford, 1991
also read at: British Association for Surgery of the Knee, Autumn meeting, Leicester 1991

5. Grevitt MP, Taylor M, Churchill M, Allen P, Ryan P, Fogelman I.

SPECT imaging in the diagnosis of meniscal tears. British Association for Surgery of the Knee, Spring meeting, London, 1992 also read at: British Orthopaedic Association meeting, Torquay, 1993.

6. Grevitt MP, Gardner ADH, Spilsbury J, Baskerville R, Spilsbury J, Shackelford I, Mulholland RC.

The Graf Stabilisation System - initial results in 50 patients. International Society for the Study of the Lumbar Spine, Nottingham, 1994 also read at: British Orthopaedic Association meeting, London, 1994 International Society for the Study of the Lumbar Spine, Seattle, 1994 (poster). European Spine Society meeting, Madrid, 1994

7. Baskerville R, Grevitt MP, Gardner ADH.

The long term sequelae of lumbar fusion using the Hartshill rectangle and Knodt's rods. Society for Back Pain Research, Stoke-on-Trent, 1994.

8. Grevitt MP, Matthews SJ, O'Connor JJ, Benson MKD.

Chondrolysis and adolescent protrusio acetabuli. BOA meeting, London, 1994 also read at: British Society for Children's Orthopaedic Surgery, Southampton, January 1995.

9. Grevitt MP, Spencer JDS.

Avascular necrosis of the hip treated by hemiarthroplasty - results in renal transplant recipients. BOA meeting, London, 1994

10. Grevitt MP, MacLaren A, Shackelford I, Mulholland RC.

Automated Percutaneous Lumbar Discectomy - late clinical results. Intradiscal Therapy meeting, Aberdeen, 1994. Also read at: European Spine Society meeting, Madrid, 1994 British Orthopaedic Association Autumn meeting, Nottingham, 1994.

11. Jain R, Grevitt MP, Akasha K, Mulholland RC.

What is the Facet Joint Syndrome? – a prospective study of diagnostic criteria. BOA Autumn meeting, Nottingham, 1994.

12. Grevitt MP, Gardner ADH. The Global (Graf) Stabilisation System - an alternative to spinal fusion in degenerative disease of the lumbar spine. European Spine Society meeting, Nordwijk aan Zee, 1995.

13. Grevitt MP, Shepperd JAN, Peckham T, Knight G.

Keyhole fusion. European Spine Society meeting, Nordwijk aan Zee, 1995.

14. Thakur R, Skyrme A, Slater N, Grevitt M.

High Pressure Water Injection Injury: A benign natural history? British Trauma Society, Belfast 1996

15. Grevitt MP, Khazim R, Webb JK, Mulholland RCM.

The Short Form-36 Health Survey Questionnaire - a valid outcome measure in spinal surgery. British Orthopaedic Spine Society, 2nd Combined Meeting of the BOA & Affiliated Societies, Brighton, 1996.

Also read / presented at: International Society for the Study of the Lumbar Spine, Singapore, June 1997 (poster). European Spine Society, Kos, September 1997.

16. Khazim R, Grevitt MP, Webb JK.

USS instrumented posterior fusion of lumbo-sacral degenerative spine: a 2 year functional outcome. 2nd Combined Meeting of the BOA & Affiliated Societies, Brighton, 1996.

17. Grevitt MP, Pande K, O'Dowd J, Webb JK.

Do first impressions count? A comparison of psychometric assessment with subjective evaluations of back pain patients.

European Spine Society, Kos, September 1997. also read at: British Orthopaedic Spine Society, BOA meeting, Cardiff, September 1997.

18. Coole C, Pande K, Grevitt MP.

The BTE Work Simulator. Use in the assessment of back pain patients and predictive value in psychologic distress. Society for Back Pain Research, Middlesborough September 1997.

19. Shepperd JAN, Grevitt MP.

Minimal intervention spine stabilisation with Hydroxyapatite granules for resistant back pain. European Spine Society, Kos, September 1997.

20. Kumar K, Grevitt MP, Webb JK.

Closing wedge osteotomy in Ankylosing Spondylitis-Radiologic Results & Functional Outcome.

British Scoliosis Society, Exeter, September 1997.

21. Kukreti S, Grevitt MP, Webb JK.

Posterior Surgery for Rheumatoid Cervical Myelopathy. An Outcome Study. SBPR/ British Cervical Spine Society, London, November 1998.

22. Wade J, Kothari P, Grevitt MP.

Balloon assisted mini-ALIF compared with 'open' techniques.

British Orthopaedic Spine Society, Leicester January 1999.

23. L. Pelosi, J Lamb, H Mehdian, J Webb, L Blumhardt.

Combined monitoring of MEPs and SSEPs in orthopaedic spinal surgery. SRS meeting, Chicago September 2001.

24. D Sengupta, M Grevitt, H Mehdian, J Webb.

Surgical correction of sagittal plane deformity in Scheuermann's kyphosis. SRS meeting, Chicago September 2001.

25. D Sengupta, M Grevitt, B Freeman, et al.

Combined AP fusion, effect of front or back procedure first- a biomechanical study. Britspine, Birmingham February 2002.

26. D K Sengupta, S H Mehdian, J K Webb, M P Grevitt, B J C Freeman.
Lumbar fixation in scoliosis surgery for progressive neuromuscular diseases and low back pain.

ISSLS 29th Annual Meeting. Cleveland, USA May 14-18, 2001.

27. **D Sengupta, M Grevitt, B Freeman, et al.** Surgical treatment of scoliosis in Duchenne's muscular dystrophy – can lumbar fixation prevent pelvic tilt? Britspine, Birmingham February 2002.

28. **Y Leung, M Grevitt, L Henderson.**
SSEP changes in anterior spinal deformity surgery.
Britspine, Birmingham February 2002

29. **N Farooq, M Grevitt.**
Does size matter? A comparison of open vs balloon assisted mini-ALIF.
Britspine, Birmingham February 2002

30. **Sengupta DK, Freeman BJ, Grevitt MP et al.,**
Long term follow-up of Luque trolley growing rod construct in the surgical treatment of early onset idiopathic scoliosis,
Scoliosis Research Society, Seattle, September 2002
Also presented at Eurospine 2002, Nantes.
British Scoliosis Society 27th Annual Meeting, Leeds, 9-11th April 2003.

31. **McConnel J, Freeman B, Sengupta D, Grevitt M, Prince H, Mulholland R, Webb J.**
A prospective, randomised comparison of coralline hydroxyapatite with autograft in cervical interbody fusion. Eurospine 2002, Nantes

32. **BJC Freeman, DK Sengupta, Grevitt M et al.**
Combined SEP and MEP spinal cord monitoring in spinal surgery,
Eurospine 2002, Nantes

33. **Y L Leung, B J C Freeman, S H Mehdian, M P Grevitt, J K Webb.**
A prospective randomised trial comparing Femoral Ring Allograft and Syncage for circumferential spinal fusion – 2 year functional outcome. East Midlands Orthopaedic Meeting 15 November 2002, Derby
(Awarded 2nd Prize for Podium Presentation).
Also read at British Association of Spinal Surgeons AGM, London, 4th January 2003

34. **A J Marino, J Hegarty, B J C Freeman, M P Grevitt.**
Intradiscal Electrothermal Therapy (IDET) for chronic discogenic low back pain. Early results from a prospective outcome study.
British Association of Spinal Surgeons AGM, London, 4th January 2003.

35. **H Behensky, A A Cole, B J C Freeman M P Grevitt, S H Mehdian, J K Webb.**
Fixed lumbar rotation causes spinal decompensation in King Type II adolescent idiopathic scoliosis after posterior correction and fusion.
British Scoliosis Society 27th Annual Meeting, Leeds, 9-11th April 2003
Also read at 10th IMAST Rome, Italy. July 10-12, 2003
Scoliosis Research Society 38th Meeting, Québec City, Canada, Sept 10-13, 2003

36. **A Clarke, B J C Freeman, Y L Leung, S H Mehdian, M P Grevitt, R C Mulholland, J K Webb.**

A prospective randomised trial comparing femoral ring allograft versus a titanium cage for circumferential spinal fusion: 2 year functional & radiological outcome.

EuroSpine 2003, 5TH Annual Meeting Prague, Czech Republic, October 1-4, 2003

37. **MP Grevitt, YL Leung, Henderson L, Smith J.** The predictive values of SSEPs in anterior deformity surgery. British Scoliosis Soc. Meeting, Leeds, April 2003.

38. **Freeman BJ, Sengupta DK, Mehdian SH, Grevitt MP, Webb JK.** The long term followup of Luque trolley instrumentation without fusion for the management of early onset idiopathic scoliosis. British Scoliosis Soc. Meeting, Leeds, April 2003.

39. **Behensky H, Cole A, Freeman B, Grevitt MP.** Fixed lumbar rotation causes spinal decompensation in King type II adolescent idiopathic scoliosis after posterior thoracic correction and fusion. British Scoliosis Soc. Meeting, Leeds, April 2003.

40. **Grevitt MP, Leung YL, Henderson L, Smith J.** The vulnerability of the spinal cord in anterior spinal deformity surgery, Eurospine, Prague, October 2003.

41. **McCarthy M, Aylott C, Grevitt M, Bishop M.** The outcomes from Cauda equine syndrome. BASS meeting, Aberdeen Jan 2005
(winner of the Zimmer Prize for Best Paper), also presented at: BOA meeting, Birmingham Sept 2005 **(winner of Best paper)**

42. **McCarthy M, Jones A, Brodie A, Grevitt M, Annesley-Williams D.** The reproducibility of MRI measurements in cauda equina syndrome BASS meeting, Aberdeen Jan 2005

43. **McCarthy M, Grevitt M, Hobbs G.** Validity of the Neck Pain Disability Questionnaire BASS meeting, Aberdeen Jan 2005 also presented at: Eurospine 2005, Barcelona

44. **Andrews J, Clamp J, Grevitt M.** Radiological predictors of curve flexibility in adolescent idiopathic scoliosis. BSS, Liverpool. March 2005

45. **Andrews J, Morgan-Hough C, Freeman B, Grevitt M, Webb J.** Anterior wire circlage rescue for pedicular fracture or screw pull-out during anterior scoliosis surgery BSS, Liverpool. March 2005

46. **Morgan-Hough C, Andrews J, Freeman B, Grevitt M, Webb J** The treatment of Lenke type 1 curves with anterior USS instrumentation BSS, Liverpool. March 2005
also presented at:

47. **Watkins RG, Hussain NR, Freeman BJ, Grevitt MP, Lam K, Webb JK.** Do structural interbody grafts preserve sagittal alignment better than morselized rib autograft in anterior instrumentation of thoracolumbar and lumbar adolescent idiopathic scoliosis.
Scoliosis Research Society meeting, Miami, Oct 2005
48. **McKenna P, Freeman B, Mulholland R, Grevitt M, Webb J, Mehdian S.** A prospective randomized controlled trial of femoral ring allograft versus titanium cage in circumferential lumbar spinal fusion with minimum of two year results.
Winner of the 2005 SSE Full Paper Award. Eurospine 2005.
49. **P Keily, N Steele, A V Schueler, L Breakwell, S M Mehdian, M P Grevitt, J K Webb, B J C Freeman.**
Long term outcome of Luque trolley with epiphysiodesis in the management of progressive congenital scoliosis.. BritSpine 2006, 26-28 April 2006
50. **R Arun, M P Grevitt, B J C Freeman, D S McNally, W Kochenberger, S Rahman.**
A study of the acute effect of intradiscal electrothermal therapy on human intervertebral discs: A comparative analysis of the biomechanical properties of collagen using magnetic resonance microscopy and scanning acoustic microscopy.
BritSpine 2006, 26-28 April 2006
51. **Grevitt MP, Fagan D, Al- Khayer, Sell PJ.** Anterior or posterior surgery for Right thoracic late-onset idiopathic scoliosis? A comparison of radiological and SRS-22 outcomes. British Scoliosis Society meeting, Dublin Sept 2006.
52. **Chinwalla F, Shafafy M, Nagaria J, Grevitt M.** Lumbar spine decompression in the elderly: too much, too late? BASS meeting, M'borough, Feb 2007
53. **Al-Khayer A, Scheuler A, Kruszewski G, Armstrong G, Grevitt M.** Driver brake reaction time before and after treatment for lumbar radiculopathy. BASS meeting, M'borough, Feb 2007
54. **Shafafy M, Nagaria J, Grevitt M.** Spondyloptosis & majorolisthesis: staged reduction using the Magerl external fixator. BASS meeting, M'borough, Feb 2007
55. **Grevitt MP, Tokala DP, Chinwalla F, Mukherjee K.** Apical vertebrectomy as an adjunct to correction of severe deformity in patients with cerebral palsy. Scoliosis Research Society Edinburgh Sept 2007
56. **Grevitt MP, Tokala DP, Mukherjee K, Freeman BJ, Webb JK.** Proximal thoracic sagittal decompensation after surgery in Ankylosing spondylitis. Scoliosis Research Society Edinburgh Sept 2007

57. **Shafafy M, Grevitt M, Webb JK.** High grade Spondylolisthesis; gradual reduction using Magerl external fixator followed by circumferential fusion. Efficacy & outcomes.
Scoliosis Research Society Edinburgh Sept 2007
58. **Kiely PJ, Scheuler A, Mehdian H, Grevitt MP, Freeman MP, Freeman BJ, Webb JK.**
Long term & respiratory function outcomes in early onset scoliosis managed with epiphysiodesis and Luque trolley instrumentation.
Scoliosis Research Society Edinburgh Sept 2007
59. **Chinwalla F, Shafafy M, Nagaria J, Grevitt MP.** Outcomes of lumbar decompression for spinal stenosis in the elderly. BOA meeting, Manchester Sept 2007
60. **Shafafy M, Grevitt M, Webb JK.** High grade Spondylolisthesis; gradual reduction using Magerl external fixator followed by circumferential fusion. Efficacy & outcomes.
British Association of Spine Surgeons, Middlesborough, Sep 2007
61. **Chinwalla F, Shafafy M, Nagaria J, Grevitt MP.** Outcomes of lumbar decompression for spinal stenosis in the elderly.
British Association of Spine Surgeons, Middlesborough, Sep 2007
62. **NS Harshavardhana, UK Debnath, SMH Mehdian, HV Dabke, BM Boszczyk, MP Grevitt**
Do radiographic determinants affect the functional outcome following C1/2 arthrodesis? Britspine 2008, Belfast May 2008
63. **Shafafy M, Nagaria J, Grevitt MP, Webb JK.** Gradual reduction using the external fixateur followed by circumferential fusion. A safe and effective technique for treatment of high grade Spondylolisthesis.
Britspine 2008, Belfast May 2008
64. **Debnath U, Harshavardhana N, Hegarty J, Grevitt M, Mehdian H, Thambiraj S, Webb J.**
Definitive spinal fusion for congenital scoliosis: long term results with a minimum of 10 years follow-up.
2nd Int Congress on Early onset scoliosis & Growing Spine (ICEOS) Quebec, Nov 2008
65. **Chinwalla F, Grevitt M.**
Detection of spinal implants by airport metal detectors.
British Scoliosis Society, London Sep 2008
66. **Burwell G, Aujila S, Grevitt M, Dangerfield P, Moulton A, Anderson S.**
Pathogenesis of adolescent idiopathic scoliosis: a battle between two nervous systems autonomic & somatic fought out in the spine & trunk – a theory.
British Scoliosis Society, London Sep 2008

67. Harshavardhana N, Debnath U, Grevitt M, Mehdian H, Thambiraj S, Webb J.

Definitive spinal fusion for congenital scoliosis: long term results with a minimum of 10 years follow-up. British Scoliosis Society, London Sep 2008

68. Harshavardhana N, Debnath U, Burwell G, Grevitt M, Mehdian H, Thambiraj S, Webb J.

Timing of definitive fusion in early onset scoliosis treated by growing rod construct – a retrospective study with a minimum follow-up of 13 years. British Scoliosis Society, London Sep 2008

69. Debnath UK, Harshavardhana NS, Hegarty J, Grevitt MP, Mehdian SMH, Webb JK et al

Timing of definitive fusion for congenital scoliosis (CS): Long-term results with minimum follow-up of 10 yrs; proceedings of 2nd International Congress on Early Onset Scoliosis (ICEOS) 2008.

70. Harshavardhana N, Debnath U, Grevitt M, Mehdian H, Thambiraj S, Freeman B, Webb J.

Two decade results in surgical management of congenital scoliosis. Pediatric Orthopaedic Society of North America (POSNA) annual meeting, Boston, MA, USA, April 2009.

71. Harshavardhana N, Debnath U, Grevitt M, Mehdian H, Thambiraj S, Freeman B, Webb J.

Factors predictive of curve progression and timing of definitive fusion for early onset scoliosis with minimum follow-up of 13 years.

Pediatric Orthopaedic Society of North America (POSNA) annual meeting, Boston, MA, USA, April 2009.

72. Harshavardhana N, Debnath U, Grevitt M, Mehdian H, Thambiraj S, Freeman B, Webb J.

Factors Predictive of Curve Progression & Timing of Definitive Fusion in Early Onset Scoliosis (EOS) treated by Growing Rod (GR) Construct Canadian orthopaedic association (COA) annual meeting, whistler, BC, Canada, July 2009.

73. U K Debnath, S Shobaki, J Lewis, J Hegarty, BJC Freeman, MP Grevitt, SMH Mehdian, JK Webb.

A Prospective Outcome Analysis of Artificial Disc Replacement Versus Anterior Interbody Fusion in single level Symptomatic L5/S1 Degenerative Disc Disease Spine Arthroplasty Society meeting, May 2009 London

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

Aetiopathogenesis of adolescent idiopathic scoliosis in girls. Disharmony between two nervous systems, somatic and autonomic, expressed in the spine and trunk. A double neuro-osseous theory. Rachide & Rehabilitation multidisciplinare Quinto Evidence-based Meeting, 21 marzo 2009, Jolly Hotel, Assago, Milano. Magistral Lecture by Geoffrey Burwell

75. Burwell G, Aujla R, Grevitt M, Randell T, Dangerfield P, Cole A, Kirby A, Polak F, Pratt R, Moulton A, Webb J

Different systemic skeletal overgrowth patterns in preoperative girls with adolescent idiopathic scoliosis (AIS) revealed by higher and lower body mass index subsets (Supported by AO).

Brit Assoc Clin Anatomists Dundee July 2009

76. Grevitt MP, Harshavardhana NS, Debnath UK, Dabke HV, Mehdian HS, Boszczyk BM, Webb JK.

Selective C1–C2 arthrodesis for non-RA pathologies: long term functional outcome study. Global Spine Congress. San Francisco, June 2009

77. Kerr H, Dabke HV, Collins I, Grevitt M.

Claustrophobia: a new yellow flag? Global Spine Congress. San Francisco, June 2009

78. Grevitt M, Mehdian HS, Ranganathan A, Harshavardhana NS, Freeman BC

Reduction of high grade adolescent isthmic spondylolisthesis using a three-stage shortening procedure.

Global Spine Congress. San Francisco, June 2009

79. Grevitt MP, Clamp JA, Andrews JR.

A study of the radiological predictors of curve flexibility in adolescent idiopathic scoliosis. Global Spine Congress. San Francisco, June 2009

POSTERS

1. Grevitt MP, Gardner ADH, Spilsbury J, Baskerville R, Spilsbury J, Shackelford I, Mulholland RC.

The Graf Stabilisation System - initial results in 50 patients. International Society for the Study of the Lumbar Spine, Seattle, 1994

2. Grevitt MP, Khazim R, Webb JK, Mulholland RCM.

The Short Form-36 Health Survey Questionnaire - a valid outcome measure in spinal surgery. Presented at: International Society for the Study of the Lumbar Spine, Singapore, June 1997

3. D K Sengupta, M P Grevitt, B J Freeman, S Mehdian, J Webb, J Lamb, L Pelosi, L Blumhardt, L Henderson

Combined Somato-Sensory (SSEPs) and Motor Evoked Potential (MEPs) monitoring in Spinal Surgery. BritSpine 2002, 2nd Combined Meeting, Birmingham, 27 February-1st March 2002

4. B J Freeman, D K Sengupta, M P Grevitt, S Mehdian, J Webb, J Lamb, L Pelosi, L Blumhardt, L Henderson

Combined Somato-Sensory (SEP) and Motor Evoked Potential (MEP) spinal cord monitoring in Spinal Surgery EuroSpine 2002 4th Annual Meeting SSE Nantes, France Sept 11-14, 2002

5. B J C Freeman, J R McConnell, M Grevitt, H Prince, R Mulholland, J K Webb

A prospective randomised comparison of coralline hydroxyapatite with autograft in cervical interbody fusion.

British Orthopaedic Association Congress, Cardiff, 18-20 September, 2002

6. K Lam, Y Leung, B J C Freeman, S H Mehdian, M P Grevitt, J K Webb

A prospective randomised trial comparing femoral ring allograft versus suncage for circumferential spinal fusion

ISSLS 30th Annual Meeting, Vancouver, Canada. May 13-17, 2003

7. U K Debnath, B J C Freeman, D P Tokala, M P Grevitt, J K Webb

Symptomatic unilateral lumbar spondylolysis

ISSLS 31st Meeting, SpineWeek 2004, Porto, Portugal, 30 May-5 June, 2004

8. D K Sengupta, B J C Freeman, M P Grevitt, S H Mehdian, J K Webb

Determinants of definitive surgery in adolescence after primary surgical treatment in the early onset of idiopathic scoliosis using the Luque-Trolley growing rod construct.

ISSLS 31st Meeting, SpineWeek 2004, Porto, Portugal, 30 May-5 June, 2004

9. H Behensky, A A Cole, B J C Freeman, M P Grevitt, S H Mehdian, J K Webb

Fixed lumbar apical vertebral rotation predicts spinal decompensation in Lenke 3C Adolescent idiopathic scoliosis after posterior thoracic correction and fusion.

Spine Society of Europe, SpineWeek 2004, Porto, Portugal, 30 May-5 June, 2004.

10. P J McKenna, J Hegarty, B J C Freeman, M P Grevitt.

A comparison of cost and outcome at one year between Intradiscal Electrothermal Therapy and Fusion of a single level in the Lumbar Spine

The Society for Back Pain Research AGM, Leicester, UK 4-5 November 2004

11. R Watkins, N Hussain, B J C Freeman, M Grevitt, J K Webb.

What factors determine coronal and sagittal balance following anterior instrumentation of thoracolumbar adolescent idiopathic scoliosis.

Eurospine 2005 (poster) Sept 2005

12. D K Sengupta, B J C Freeman, M P Grevitt, S H Mehdian, J K Webb

Long-Term follow-up study of Luque-trolley growing rod construct in the surgical treatment of early-onset idiopathic scoliosis

ISSLS 32nd Annual Meeting, New York, USA 10-14 May 2005

13. M McCarthy, A Brodie, C Aylott, A Jones, D Annesley-Williams, M Grevitt, B J C Freeman.

MRI measurements in cauda equina syndrome: reproducibility and prediction of clinical outcome

ISSLS 32nd Annual Meeting, New York, USA 10-14 May 2005

14. **M J H McCarthy, C E W Aylott, M P Grevitt, B J C Freeman.**
Cauda equine syndrome: Factors affecting the outcome of 42 patients with a mean follow-up of 5 years ISSLS 32nd Annual Meeting, New York, USA 10-14 May 2005

15. **C V Morgan-Hough, J R Andrews, A Cole, B J C Freeman, M Grevitt, J K Webb**
The treatment of Lenke Type I Scoliosis curves with anterior USS Instrumentation EuroSpine 2005, 7th Annual Meeting SSE, Barcelona, Spain, 21-24 Sept 2005

16. **R Watkins, N Hussain, B J C Freeman, M P Grevitt, J K Webb**
Do structural interbody grafts preserve sagittal alignment better than morselized rib autograft in anterior instrumentation of the thoraco-lumbar adolescent idiopathic scoliosis?
EuroSpine 2005, 7th Annual Meeting SSE, Barcelona, Spain, 21-24 Sept 2005

17. **R Watkins, N Hussain, B J C Freeman, M P Grevitt, J K Webb**
What factors determine coronal and sagittal balance following anterior instrumentation of thoracolumbar adolescent idiopathic scoliosis?
EuroSpine 2005, 7th Annual Meeting SSE, Barcelona, Spain, 21-24 Sept 2005

18. **D J Fagan, B J C Freeman, P J Sell, C I Adams, M P Grevitt, S H Mehdian**
A nonrandomized prospective cohort study of lumbar disc arthroplasty versus anterior stand alone cage fusion. BritSpine 2006, Cardiff International Arena, Cardiff , Wales, 26-28 April 2006

19. **B J C Freeman, D J Fagan, P J Sell, C I Adams, M P Grevitt, S H Mehdian**
A nonrandomized prospective comparison of lumbar total disc replacement and stand alone lumbar interbody fusion ISSLS 33rd Annual Meeting June 13-17, 2006 Bergen, Norway

20. **Shafafy M, Grevitt M, Webb JK.**
High grade Spondylolisthesis; gradual reduction using Magerl external fixator followed by circumferential fusion. Efficacy & outcomes.
Eurospine 2007

21. **Chinwalla F, Shafafy M, Nagaria J, Grevitt MP.**
Outcomes of lumbar decompression for spinal stenosis in the elderly.
Eurospine 2007

22. **Chinwalla F, Shafafy M, Nagaria J, Grevitt MP. Special poster.**
Lumbar spine decompression in the elderly; too much. Too late? A comparison of outcomes.
Spineweek Geneva May 2008

- 23. Al-Khayer A, A Scheuler, G Kruszewski, G Armstrong, M Grevitt. Special poster.**
Driver reaction time before and after treatment for lumbar radiculopathy.
Spineweek Geneva May 2008
- 24. Chinwalla F, Grevitt M.**
Detection of metal implants by airport metal detectors.
Spineweek Geneva May 2008
- 25. Dabke H, Kerr HL, Collins I, Grevitt M.**
Does claustrophobia influence outcomes in low back therapies?
Spineweek Geneva May 2008
- 26. Harshavardhana NS, Shahid R, Freeman BJJ, Hegarty J, Race A, Hands S, Boszczyk BM, Grevitt MP Payment by results (PbR):**
Coding issues in Spinal surgery – A tertiary Centre perspective.
BritSpine 2008
- 27. Harshavardhana NS, Freeman BJJ, Debnath UK, Dabke HV, Grevitt MP;**
Validation of Capasso's method against standard measurement tools in evaluation of Cobb angle for Scoliosis: BritSpine 2008
- 28. Harshavardhana NS, Debnath UK, Dake HV, Mehdian SMH, Grevitt MP**
Do radiological determinants affect functional outcome following C1-C2 arthrodesis –15th International meeting on advanced spinal techniques (IMAST) proceedings.
- 29. Debnath UK, Harshavardhana NS, Mehdian SMH, Grevitt MP, Burwell GR, Webb JK**
Long-term results with minimum follow-up of 10 yrs following surgical management of early-onset scoliosis (EOS) 2nd International congress on early onset scoliosis, 2008.
- 30. Harshavardhana NS, Grevitt MP, Webb JK**
Four decade results following surgical management of congenital scoliosis (CS): A UK experience of 2 cases 2nd International congress on early onset scoliosis, 2008.
- 31. Harshavardhana NS, Debnath UK, Dake HV, Mehdian SMH, Grevitt MP**
Correlation of functional outcomes with radiological parameters following C1-C2 arthrodesis for non-RA pathologies Cervical spine research society (CSRS), Dec 2008.

INVITED LECTURES (National & International)

1. Automated Percutaneous Lumbar Discectomy - Current Status & Indications. 4th British Course on Percutaneous and Minimal Intervention Surgery to the Lumbar Disc, Royal Society of Medicine, London, 1994.
2. Conservative treatment of fractures and plaster techniques. Basic Surgical Skills Course, Royal College of Surgeons of England, April 1995.
3. Thoracoscopic Spine Surgery, 4as Jornadas Hospital CUF, Video Cirurgia Novas Orientações-Novas Fronteiras, Lisbon, June 1998
4. Thoracoscopic Anterior Release in Scoliosis. Spine Evolution'98 conference. Barcelona September 1998.
5. Thoracoscopic Spine Surgery. Combined IOA / BOA meeting. Dublin, October 1998
6. Balloon Assisted Mini-ALIF / Logistics, Statistics & The Future. 5th British Course on Percutaneous and Minimal Intervention Spinal Surgery. Royal College of Surgeons, London October 1998
7. Balloon Assisted Mini-ALIF. Surgicraft Study Day. Warwick, November 1998
8. Anterior vs Posterior Approach in Thoracolumbar Fractures / Principles of Treatment in Cervical Fractures. AO Comprehensive Spine Course, Davos, December 1998
9. Management of Scoliosis. Yoga Biomedical Trust, Royal Homeopathic Hospital, London February 1999
10. Anterior vs Posterior approach in thoracolumbar fractures. AO Comprehensive Spine course, Nottingham, September 1999
11. Assessment of cervical injury / Posterior approach in thoracolumbar fractures. AO Comprehensive Spine Course, Davos, December 1999.
12. Complications of thoracoscopic surgery / Surgery for low back pain. Royal College of Surgeons, London May 2000
13. Thoracoscopic surgery; past, present & future. Leeds, June 2000
14. Thoracoscopic fusion. London, July 2000.
15. Clinical assessment of spinal trauma & Management of Thoracolumbar fractures, Leeds July 2000

16. Rheumatoid arthritis of the Cervical spine, Thoracoscopic spine Surgery, Role of Minimally Invasive Surgery in Thoracolumbar trauma, Idiopathic Scoliosis, Nottingham September 2000
17. Spondylolisthesis & scoliosis. Birmingham Paediatric course. October 2000
18. Thoracoscopic spinal surgery. 2nd DePuy Scottish & Northern Spinal meeting. November 2000.
19. Cages – clinical evidence. Interactive course, Davos December 2000
20. Spondylolisthesis & scoliosis. Nottingham Paediatric Orthopaedic course. October 2001
21. Cervical trauma. Interactive course, Davos December 2001
22. Endoscopic spine surgery,
23. Rheumatoid cervical surgery. East Anglian Spine group, Norwich May 2002
24. Scoliosis surgery. British Scoliosis Society meeting, Cardiff BOA, September 2002
25. Management of spondylolisthesis. British Association of Spinal Surgeons, Cardiff BOA, September 2002
26. Spondylolisthesis & scoliosis. 2nd Birmingham Orthopaedic Paediatric course. October 2002
27. Management of scoliosis in cerebral palsy. Society for Surgery in Cerebral Palsy, Nottingham, November 2002
28. Discography & Vertebroplasty. 9th Teeside Spine Symposium. May 2003.
29. AO Principles of deformity & Complications, AO Deformity Forum, Napa USA, August 2003
30. 'Why operate on scoliosis' Scoliosis Association UK, Nottingham Sept 2003
31. Controversies in Spinal Deformity Surgery, AO Spinal Forum, Prague, October 2003
32. Spondylolisthesis & scoliosis. 2nd Nottingham Orthopaedic Paediatric course. October 2003
33. IDET clinical results - 12th Hammersmith Spine Course, London Oct 2004

34. 1st European IDET Users meeting, Milan, April 2005
35. Evolution of posterolateral fusion; IDET; cervical osteotomy in Ankylosing spondylitis. 'Passionate about Spines' Chewton Glen, June 2005
36. Anterior access to the cervico-thoracic junction, anterior thoraco-lumbar access, & iatrogenic spinal cord ischaemia – the facts. 1st AO Spine Access & Complications course, Strasbourg Nov 2005
37. Spinal instability. BOA Instructional course, B'ham. Jan 2006
38. Assessment of thoracolumbar injuries. Instructional course, RSM London Feb 2007
39. Daniaux technique & pedicular grafting for thoraco-lumbar fractures. 'Passionate about Spines' June 2006, Brockett Hall, UK
40. Evidence for reduction of high grade spondylolisthesis. 'Passionate about Spines' June 2007, Brockett Hall, UK
41. Paediatric Spinal Surgery – special considerations. European Congress of Neurosurgery Glasgow Sept 2007
42. IDET vs Fusion – cost analysis & outcomes. Upper cervical approaches. Do we need to fix thoracolumbar fractures? Does surgery influence neurologic outcomes in spinal cord injury? Thoracoscopic fusion for axial back pain. 2nd Congress of Spinal column & cord, Venezuelan Neurosurgical Society. Margarita island. May 2009
43. 35th Nordic Spinal Deformities Society, Aalborg, Denmark August 2009
44. Do we need to fix thoraco-lumbar fractures. Edinburgh Trauma Symposium August 2009
45. AOSpine—Davos Courses 2011. Davos, Switzerland 11 Dec 2011
46. AOSpine Solutions for Complex and Controversial Cases (COA Congress Pre Meeting) Beijing, China 01 Dec 2011
47. AOSpine Masters Convention—Trauma and Infection of the Spine. Istanbul, Turkey 16 Jun 2011
48. AOSpine Advances Symposium—Deformed Spine. Portomaso, Malta 13 May 2011
49. AOSpine Symposium: De la biomecanica a la terapeutica: Trauma y Degenerativo. Puerto Varas, Chile 02 Jun 2011

COURSES

1. AO/ASIF Fracture fixation workshop, RAF Halton, Aylesbury. March 1988
2. Advanced Course in Surgery, Whipps Cross Hospital, London (awarded the course prize) August 1989
3. Anastomosis workshop, RAF Halton, Aylesbury. December 1989
4. Course on External Fixation (Shearer), Southampton University Hospital. April 1990
5. Radiology of Bone and Joints, Institute of Orthopaedics, London. November 1990
6. 20th BOA Instructional Course, London. January 1991
7. Biomechanics of Joints and Joint Replacements, University of Leeds. July 1991
8. AO/ASIF Basic Course, Queen's Medical Centre, Nottingham. September 1992
9. Orthofix External Fixation Course, Verona, Italy. June 1993
10. Surgicraft™ Spinal Study Day, Stoke-on-Trent. March 1994
11. AO/ASIF Spine Course, Nottingham . June 1995
12. Arthroscopic Microdiscectomy of the Lumbar Spine; Minimal Intervention in Spinal Surgery. Minneapolis, Minnesota October 1995
13. Thoracoscopy and Laparoscopy of the Lumbar Spine. Dallas, Texas. October 1995
14. Introduction to Management for Senior Registrars, Nottingham, September 1996
15. Controversies in Spinal Surgery, Edinburgh, September 1997
16. BritSpine99, Manchester, March 1999
17. TIPS course, Nottingham, June 1999
18. ICLFS Conference & Symposium, Manchester, June 1999
19. IDET training & spinal needling course, San Francisco January 2000
20. British Scoliosis Society meeting, Jersey April 2000.

21. Thoracoscopic approaches course, San Diego, August 2001
22. Eurospine 2003, Prague October 2003
23. Spineweek, June 2004
24. Teaching in Spinal Medicine, RCS ENG, London, May 2005

Faculty member:

1. 1st UK Smith & Nephew Minimal Intervention Spine Surgery Course, February 1996.
2. 4th AO North European Spine Course (Advanced), Nottingham, September 1996
3. AO Spine Course, Davos, December 1996
4. 5th AO North European Spine Course (Basic & Advanced), Nottingham, September 1997
5. Comprehensive Spine Course, Davos, December 1998.
6. Comprehensive Spine Course, Nottingham, September 1999
7. Comprehensive Spine Course, Davos, December 1999.
8. Thoracic spine surgery Masterclass, Royal College of Surgeons, May 2000
9. Anterior Thoracolumbar Spinal Surgery masterclass, Leeds June 2000
10. AO Advanced Trauma Course, Leeds July 2000
11. The Role of Interbody Fusion Devices in Spinal Surgery, London July 2000
12. AO Comprehensive & Interactive Spine Courses, Nottingham September 2000
13. Birmingham Paediatric Orthopaedic Course, October 2000
14. AO Interactive Spine Course, Davos, Switzerland December 2000
15. Cadaver workshop; Dublin, September 2001
16. AO Interactive Spine Course, Davos, Switzerland December 2001
17. AO Lumbar spine course, Cancun, Mexico, June 2002

18. AO Spinal deformity Forum, Napa USA, August 2003
19. Smith & Nephew Spinal Needling & IDET course, London October 2003
20. 1st Portugese Spinal Society meeting, Lisbon, June 2004
21. DePuy Passionate about Scoliosis seminar, Gleneagles, June 2004
22. 12th Hammersmith Spine Course, London Oct 2004
23. 1st AO Spine Access & Complications course, Strasbourg Nov 2005
24. AOSpine Degenerative & Deformity courses, Davos Dec 2006
25. SSE Spinal deformity course, Barcelona Sep 2007
26. AOSpine Degenerative & Deformity courses, Davos Dec 2007
27. To fuse or not to Fuse? AOSpine Latin America, Santa Cruz, Chile May 2008
28. AOSpine Masters & Advances course Davos Dec 2008
29. Ganga Operative Spine Course, Coimbatore May 2009
30. AOSpine Advances course, Thessaloniki May 2009
31. Venezuelan Neurosurgical Society, Margarita May 2009
32. Global Spine Congress, San Francisco June 2009

Course Chairman:

1. AO Masterclass symposium, Nottingham, September 2001
2. AO Masterclass symposium, Nottingham, September 2002
3. AO Spinal Forum, Nottingham, April 2003
4. Sugricraft Spine Symposium. Controversies in Anterior Spine Surgery. Birmingham May 2003
5. AO Masterclass symposium, Nottingham, September 2003
6. AO ORP Deformity course, Nottingham , May 2004
7. AO Nottingham Masterclass, September 2004
8. BOA Intructional session, B'ham January 2005

9. Smith & Nephew IDET course, Nottingham February 2005
10. AO Nordic Spinal deformity meeting, Copenhagen April 2005
11. 1st AO Anglo-Iberian Spinal Deformity meeting, Marbella, May 2005
12. 1st AOSpine Egypt Spinal course. April 2006
13. 2nd AO Anglo-Iberian Spinal Deformity meeting, Marbella, May 2006
14. 3rd AO Anglo-Iberian Spinal Deformity meeting, Marbella, May 2007
15. Advanced instructional course, BOA meeting, Manchester, Sept 2007
16. IDET Instructional course, Nov 2007, Copenhagen
17. 4th AO Anglo-Iberian Spinal Deformity meeting, Marbella