

Mr. Hossein Mehdiian MD, MS(Orth), FRCS(Ed)

Mr Mehdiian was appointed as a Consultant Spinal Surgeon at Queen's Medical Centre, University Hospital Trust, Nottingham, (UK) in April 1993. He is one of the founder members of the world renowned Centre for Spinal Studies. Having practiced spinal surgery exclusively for over 23 years, he has performed over 5000 spinal operations. Mr Mehdiian has been involved in the management of complex adult and paediatric spinal deformities, low back pain, cervical disorders, spinal trauma, tumours and reconstructive surgery.

Having completed training in spinal surgery at The Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry and at The Princess Elizabeth Orthopaedic Hospital, Exeter, he holds the Fellowship of the Royal College of Surgeons of Edinburgh, FRCS(Ed).

He has international roles with the Scoliosis Research Society (SRS) including past chair of the Global Outreach Committee, member of the Awards and Scholarships committee, Adult Deformity Committee and Patients Education Committee. With the European Spine Society he forms part of the Membership and Programme Committees.

He is a visiting Professor to several centres of spinal surgery across the world.



Design & Development of Surgical Instruments

	<u>Manufacturer</u>	<u>Holding Patent</u>
Mehdiian Sublaminar System	Corin	US, UK
Mehdiian Pedicular Screw System	Corin	US, UK, Europe
Mehdiian Posterior Lumbar Interbody Fusion Instrumentation and Cage system	Corin	
Mehdiian Scoliosis System	Corin	US, UK
Mehdiian Spinal Cage (Rotafix)	Corin	
Mehdiian 3 Lok System	Corin	
Polyaxial System	Corin	

PDF Publications



Publications & Presentations

1. **Mehdian, H.**, Summers, B., Eisenstein, S.M. Painful Scoliosis Secondary to an Osteoid Osteoma of the Rib. Clin. Orthop. 1988:230:273
2. **Mehdian, H.**, MD Thesis. The Application of Ultrasound in the Diagnosis of vascular Disorders. July 1975.
3. **Mehdian, H.** Early and Late Care of War Wounds in Extremities. Nat. Univ. Med J. (Tehran, Iran) 1984: Jan: 18-32.
4. **Mehdian, H.** Bone and Joint Tuberculosis. A Chapter in Tuberculosis Book, National University Publishing Corporation, Tehran, Iran, 36-68, Oct. 1988.
5. **Mehdian, H.**, Jaffray, D., Eisenstein, S.M. The Dwyer/Hartshill Transpedicular Fixation for Spinal Fusion. J. Bone Joint Surg. [Br] 1989:71:689-691
6. O'Brien, J.P., **Mehdian, H.** Relevant Principles in the Management of Spinal Disorders in Achondroplasia. In: Human Achondroplasia. Plenum Publishing Corp., New York, USA 1988
7. **Mehdian, H.**, Eisenstein, S.M. Segmental Spinal Fixation using Short Closed Wire Loops. Clin. Orthop. 1989:247:90
8. O'Brien, J.P., **Mehdian, H.**, Jaffray, D. Reduction of Severe Spondylolisthesis: A report of 22 cases with a ten-year follow-up period. Clin. Orthop. 1994:300:365
9. **Mehdian, H.**, Shimizu, N., Eisenstein, S.M., Evans, G. Spinal Stabilization and

Fusion in Duchenne Muscular Dystrophy: Experience with various sublaminar instrumentation systems. *J. Neuro. Orthop* 1989;7(Oct):74-

10. **Mehdian, H.**, Eisenstein, S.M. Segmental Spinal Fixation using Short Closedwire loops clinical orthopaedics,1989,vol 274;90-96
11. O'Brien, J.P., **Mehdian, H.**, Jaffray, D. Reduction of Severe spondylolisthesis: A report of 22 cases with a ten-year follow-up period. Presented at the International Society for the Study of the Lumbar Spine, April 1988, Miami.
12. **Mehdian, H.**, Jaffray, D., Eisenstein, S.M. Correction of Cervical Kyphosis in Ankylosing Spondylitis by Traction. Presented at the Cervical Spine Research Society Meeting, Switzerland, 1989.
13. **Mehdian, H.** Mehdian Spinal Fixation System. Video presentation at the Scoliosis Research Society Meeting, Amsterdam, Sept. 1989
14. **Mehdian, H.**, O'Brien, J.P. Behavior of Posterior Cervical Osteophytes following Anterior Interbody Fusion. Presented at the British Cervical Spine Society Meeting, Bristol, Nov 1989
15. **Mehdian, H.**, Weatherley, C.R., Vanden Berghe, L. Management of Metastatic Lesions of the Cervical Spine. Presented at British Cervical Spine Society Meeting, Bristol, 1989
16. **Mehdian, H.**, Jaffray, D., Eisenstein, S.M. Correction of Cervical Kyphosis in Ankylosing Spondylitis by Traction. *Spine*, Vol 17, No 2, Feb. 1992.
17. Eisenstein, S.M., **Mehdian, H.** Surgery of British Spinal Opinion on management of Diastematomyelia. *J. Bone Joint Surg. [Br]* 1990;72:336
18. Draycott, V., Eisenstein, S.M., **Mehdian, H.** Duchenne Muscular Dystrophy the Effect of Spinal Stabilization on Respiratory Function. *J. Bone Joint. Surg. [Br]*1990;72:339
19. **Mehdian, H.**, Weatherley, C.R., Vanden Berghe, L. Management of metastatic lesions of the Cervical Spine. Abstract published in *JBJS*, March1990
20. Weatherly, C.R., **Mehdian, H.**, Vanden Berghe, L. Low back pain with a fracture of the pedicle and contra-lateral spondylolysis. Presented at the British Scoliosis Society Meeting, Southampton University, March 1990.
21. **Mehdian, H.**, Weatherly, C.R., Ransford, A.O. Late Migration of the Lower Hook in Harrington Instrumentation. Presented at the British Scoliosis Society Meeting, Southampton University, Marc 1990.
22. **Mehdian, H.**, Weatherly, C.R., Williams, S. Osteoid Osteoma of the Vertebral Body. Presented at the British and Nordic Scoliosis Societ Meeting, Newcastle, June 1991
23. Fowler, J., **Mehdian, H.**, Weatherly, C.R. Surgical management of Metastatic lesions of the Spine. Presented at the British and Nordic Scoliosis Society Meeting, Newcastle, June 1991.
24. **Mehdian H.**, Weatherly, C.R. Combined Anterior and Posterior Resection and Spinal Stabilisation for Aneurysmal Bone Cyst. Presented at the Third Common Meeting, Cervical Spine Research Society Meeting, June 26-29 1991, Greece.
25. Weatherly, C.R., **Mehdian, H.**, Vanden Berghe, L. Low back pain with a fracture of the pedicle and contra-lateral spondylolysis. *J. Bone Joint Surg.[Br]*73-B.6,Nov 1991.

26. **Mehdian, H.**, Weatherly, C.R., Ransford, A.O. Late Migration of the Lower hook in Harrington Instrumentation. Abstract published in JBJS, Feb. 1991
27. Vanden Berghe, L., **Mehdian, H.**, Lee, A.J.C., Weatherly, C.R. A Comparative Biomechanical Study of Spinal Fixation Devices for the lumbosacral Junction.
28. Fowler, J., **Mehdian, H.**, Weatherly, C.R. Surgical Management of metastatic Lesions of the Spine. Abstract published in JBJS, 1992
29. **Mehdian H.**, Weatherly, C.R. Combined Anterior and Posterior Resection and Spinal Stabilisation for Aneurysmal Bone Cyst. Published in Eur Spine J. 4,123-125
30. **Mehdian, H.**, Leach, W.J., Fowler, J.L, Weatherly, C.R. The Application of Pedicle Screw Fixation in Spinal Surgery. Early Results using the Mehdian System. Presented at SICOT Meeting, Seoul, South Korea, 28 August to 2 September 1993. Presented at the ESDS Meeting, Birmingham 31 May - 2 June 1994.
31. **Mehdian, H.** The Management of Neuromuscular Spinal Deformity. Presented at the ESDS Meeting, Birmingham, 31 May -2 June 1994.
32. White, B. Lam, K., **Mehdian, H.** The effects of simple trauma on patients with cervical spine neurofibromatosis – (2 case reports). Presented at the Cervical Spine Research Society Meeting, June 7-10 1995, Erlangen, Germany.
33. Faraj A., Byrne, P., **Mehdian, H.** Osteoid osteoma of the lateral mass of C5.Should excision be combined with fusion. Presented at the Cervical Spine Research Society Meeting, June 7-10, 1995, Erlangen, Germany
34. Faraj, A., Krishna, M., **Mehdian, H.** Cauda equina syndrome secondary to lumbar spondylodiscitis caused by Streptococcus Milleri (A Case Report). Euro Spine J, 5:134-136, 1996
35. Lam, K., **Mehdian, H.**, White, B. The effects of simple trauma on patients with Cervical spine neurofibromatosis – (2 case reports). Euro Spine J. (1997) 6:77-80
36. Lam, K., **Mehdian, H.** Fatal venous air embolism in spinal surgery: A serious cause for consideration. Presented at ISSLS, Singapore, June 2-6, 1997.
37. Faraj, A., **Mehdian, H.** Thoracolumbar hernia: A rare cause of backache Published in Euro Spine J (1997) 6:203-204.
38. Lam, K., Pande, K.C., **Mehdian, H.** Surgical decompression – a life saving procedure for an extensive spinal epidural abscess. Euro Spine J (1997) 6:332-335
39. Sengupta, D.K., Grevitt, M.P., **Mehdian, H.** Hypoglossal nerve injury as a complication to upper cervical spine surgery (a case report). Presented at The British Cervical Spine Society Meeting, Nov 7-8, 1997, Stoke-on-Trent. Accepted for publication in Euro Spine J.
40. Boos, N., Khazim, R., Kerslake, W.R., Webb, J.K., **Mehdian, H.** Atlantoaxial dislocation without fracture. J Bone Joint Surg [Br] 1997;79-B:204-5
41. Faraj A., Byrne, P., **Mehdian, H.** Osteoid osteoma of the lateral mass of C5. Should excision be combined with fusion. Euro Spine J. 1998, 7:242-24
42. **Mehdian, H.**, Faraj A., Weatherly, C.R. Painful scoliosis secondary to osteoblastoma of the vertebral body. Euro Spine J (1998) 7:246-248
43. Lam, K.S, **Mehdian, H.** The importance of an intact abdominal musculature mechanism in maintaining spinal sagittal balance. Case illustration in prune-belly syndrome. Poster presentation, Combined European Spine Society Meeting, June

23-27, 1998, Innsbruck, Austria.

44. **Mehdian, H.**, Freeman, B., Licina, P., Cervical osteotomy for ankylosing Spondylitis: an innovative variation on an existing technique. Presented at British Scoliosis Society Meeting, 25-27 March, 1998. Poster presentation XIV Annual Meeting of the Cervical Spine Research Society (European Section), Varese, Italy, September 17-19
45. Lam, K., **Mehdian, H.** Fatal venous air embolism in spinal surgery: A serious cause for consideration. Published in JBJS 78B Orthopaedic proceedings
46. Freeman, B, Licina, P., **Mehdian H**, Posterior lumbar interbody fusion combined with instrumented posterolateral fusion – 5 year results in 60 patients. Euro Spine J issue 1, vol 9, Feb 2000 42-46
47. Sengupta, D.K., Debnath, U.K., Hutchinson, J., **Mehdian, H.**, Webb, J.K. Anterior discectomy and fusion for thoracic disc herniation. Presented at British Scoliosis Society Meeting, April 2000, Jersey.
48. Debnath, U.K., Sengupta, D.K., de la Harpe, D., **Mehdian, H.** Correction of cervicothoracic subluxation with progressive myelopathy in a case of neurofibromatosis with dural ectasia. A case report. Poster presentation at British Scoliosis Society Meeting, April, 2000, Jersey and Cervical Spine Research Society XV1 Annual Meeting June 21- 23, 2000, London.
49. Khazim R, Muthukumar GS, Debnath UK, **Mehdian SHM(UK)** Type 1 Arnold Chiari malformation (ACM);Presenting as torticollis. Poster presentation at Cervical Spine Research Society XV1 Annual Meeting June 21 – 23, 2000, London
50. Sinha S, Nareen A, Khazim RM, **Mehdian SH**, Surgical stabilization for atlantoaxial and subaxial instability in rheumatoid arthritis. Poster presentation at Cervical Spine Research Society XV1 Annual Meeting June 21 – 23, 2000, London
51. Lam, K.S, **Mehdian, H.** The importance of an intact abdominal musculature mechanism in maintaining spinal sagittal balance. Case illustration in prune-belly syndrome. Spine Vol 24, No 7, pp719-722.
52. **Mehdian, H.**, Freeman, B., Licina, P., Cervical osteotomy for ankylosing Spondylitis: an innovative variation on an existing technique. 1998. J. Bone Joint Surg [Br], Vol 80-B,1998, Orthopaedic Proceedings Supplement 2. Euro Spine J(1999)8:505-509 36)
53. **Mehdian, H**, Sengupta, D.K., Post traumatic C1-C2 subluxation in a case of os odontoideum – treated by closed reduction and stabilisation – a case report.Presented at the British Cervical Spine Society Meeting, Bristol, 1999
54. **Mehdian, H.** Management of kyphotic deformities. Presented at the Iranian Orthopaedic Association Meeting, 3-6 Nov 1999, Tehran, Iran.
55. Wild A, Schillians N, Kumar M, **Mehdian SH**, Scoliosis in Gordon’s Syndrome. Euro Spine Journal (2001) 10:458-460
56. **Mehdian, H.**, Sengupta, D.K., Agoristides, Y, Eisenstein, S.M., Webb,J.K. Surgical management of scoliosis in Duchenne muscular dystrophy – is sacral fixation necessary? Presented at British Scoliosis Society Meeting, April, 2000, Jersey. Presented at SRS Meeting Sep 2001, Ohio, and USA
57. Pelosi L, Lamb J, **Mehdian H**, Grevitt M, Webb J.K., Blumhardt L.D. Combined Monitoring of Motor (MEPs) and Somatosensory Evoked Potentials (SEPs) in Orthopaedic Spinal Surgery. Presented at the Scoliosis Research Society Meeting, 20 September 2001, Ohio, USA

58. Sengupta D, Grevitt M, **Mehdian H**, Webb J.K. Surgical Correction of Sagittal Plane Deformity in Scheuermann's Kyphosis Presented at the British Scoliosis Society Meeting, Edinburgh, March 2000. **Awarded First Prize by Scientific Committee.** Presented at the Scoliosis Research Society Meeting Sept 2001 Ohio
59. Costigan W, Debnath UK, **Mehdian H**, Webb JK. Sternotomy Approach to the Cervicothoracic Junction – A Review of Five Cases. presented at the (IMAST) Meeting July 2001, Bahamas.
60. Davy A, **Mehdian H**, Webb JK, Mulholland RC. What should be done First, Anterior or the posterior Stabilization in Combined Anterior-posterior Fusion in the Lumbar Spine-A Biomechanical Study on Cadaver Spine. Presented at the (IMAST) Meeting July 2001, Bahamas.
61. Debnath U.K., Costigan W, Ajnin S, Doderan SM, **Mehdian H**. Rotafix Cage System for Posterior Lumbar Interbody Fusion (PLIF) Combined with Instrumented postero-lateral Fusion (IPLF) – Results of 21 patients. Presented at IMAST meeting July 2001, Bahamas.
62. Debnath UK, Costigan WM, Freeman BJC, **Mehdian H**. Correction of Complex spinal deformities in Infantile Idiopathic scoliosis by double thoracotomy approach – a report of 2 cases. Presented at IMAST meeting July 2001, Bahamas.
63. **Mehdian SH**, Sengupta DK, Double Door Cervical Laminoplasty – An Alternative Technique. Presented at IMAST meeting July 2001 Bahamas
64. Wild A, Jaeger M, Haak H., **Mehdian SH**, Sacral insufficiency fracture, an Unsuspected cause of low back pain in elderly women. Archives of Orthopaedic and Trauma Surgery, January 2002
65. Sengupta DK, Grevitt MP, Freeman BJ, **Mehdian SH**, Mulholland RC, Webb JK, In combined AP fusion, effect of front or the back procedure first: A Biomechanical study in cadaver spine. Presented at BritSpine 2002, Birmingham
66. Sengupta DK, Grevitt MP, Freeman, BJ, **Mehdian SH**, Webb JK, Eisenstein S. Surgical treatment of scoliosis in Duchenne Muscular Dystrophy – can lumbar fixation prevent pelvic tilt? Presented at BritSpine 2002, Birmingham.
67. Sengupta DK, Grevitt MP, Freeman BJ, **Mehdian SH**, Webb JJK, Lamb J, Pelosi L, Blumhardt LD, Henderson LM. Combined somato-sensory (SEPs) and Motor Evoked Potential (MEPs) monitoring in Orthopaedic Spinal Surgery. Poster presentation at BritSpine 2002, Birmingham
68. Debnath UK, Sengupta DK, Hutchinson MJ, **Mehdian SMH**, Webb JK. Results of hemivertebrectomy and fusion for symptomatic thoracic disc herniation. Poster presentation at BritSpine 2002.
69. Debnath UK, **Mehdian SMH**. Rapid onset quadriplegia from a panspinal extradural abscess following pneumococcal meningitis. A case report. Poster presentation BritSpine 2002, Birmingham.
70. Debnath UK, Sengupta DK, Hutchinson MJ, **Mehdian SMH**, Webb JK. Results of hemivertebrectomy and fusion for symptomatic thoracic disc herniation. European Spine Journal, June 2002. Published in Orthopaedic Proceedings Supplement III JBJS 2002
71. Freeman BJC, Sengupta DK, Grevitt MP, **Mehdian SH**, Webb JK, Lamb J, Pelosi L, Blumhardt LD, Henderson LM. Combined somato-sensory (SEP) and motor evoked potential (MEP) spinal cord monitoring in spinal surgery. Neurophysiology Journal 113(2002) 1082-1091 & European Spine Journal Aug 2002. Published in

JBJS Supplement III Orthopaedic Proceedings 2002.

72. Sengupta DK, Freeman BJ, Cole A, **Mehdian SH**, Webb JK. Pelvic obliquity and surgical stabilization in neuromuscular scoliosis – a minimum 5 years follow-up. *European Spine Journal* Aug 2002
73. Sengupta DK, Freeman BJ, Grevitt MP, **Mehdian SH**, Webb JK. Long-term follow-up of Luque trolley growing-rod construct in the surgical treatment of early onset idiopathic scoliosis. *European Spine Journal* Aug 2002
74. Sengupta D, **Mehdian H**, Mullholland R, Webb J, Ohnmeiss d. Biomechanical evaluation of immediate stability with rectangular versus cylindrical Interbody cages in stabilization of lumbar spine. Published in *BMC Musculoskeletal Disorders* October 3,2002.
75. Debnath UK, **Mehdian SMH**, Rapid onset quadriplegia from a pan spinal, extradural abscess following pneumococcal meningitis A case report Poster presentation BritSpine Birmingham 2002. *JBJS Orthopaedic Proceedings Supplement III* 2002.
76. Sengupta D, **Mehdian H**, McConnel J, Eisenstein S, Webb J. Pelvic or lumbar fixation for the surgical management of scoliosis in Duchenne muscular dystrophy. *Spine* 2002 September 15;27(18):2072-2079, *JBJS Orthopaedic Proceedings Supplement III* 2002.
77. Ajnin S, Debnath UK, **Mehdian SMH**, Osteoid osteoma of left pars Interarticularis of fourth lumbar vertebra. Published *Grand Rounds – Orthopaedics Vol 2* pages 21-23 2002
78. Debnath UK, **Mehdian SMH**, Rapid onset quadriplegia from a pan spinal, extradural abscess following pneumococcal meningitis – A case report *JBJS Orthopaedic Proceedings Supplement III* 2002.
79. McCarthy M, **Mehdian SMH**, Fairbairn J, Stevens A, Melorheostosis at the zygoapophyseal joint of the tenth and eleventh thoracic vertebra – a rare cause of back pain. *skeletal Radiology Journal*.33: 283-286(2004).
80. Sengupta D, Grevitt MP, Freeman BJ, **Mehdian SMH**, Mulholland RC, Webb JK, In combined AP fusion, effect of front or the back procedure first – a biomechanical study in cadaver spine. Published *JBJS Orthopaedic Proceedings Supplement III, Vol 84-B* 2002
81. Behensky H, Cole A, Webb J, Freeman B, Lam K, Grevitt M, **MehdianH** Fixed Lumbar Apical Vertebral Rotation predicts spinal decompensation in Lenke 3C type Adolescent Idiopathic Scoliosis after posterior thoracic correction and fusion, *IMST book Rome* 2003
82. **Mehdian SMH**, Lam K, Freeman BJC, Controlled surgical reduction of fixed Cervical flexion deformity in ankylosing spondylitis – A report of 2 cases Presented at *British Scoliosis Society meeting Leeds: 9-11 April* 2003.
83. Cole AA, **Mehdian SMH**, A new approach to spondylolisthesis reduction. Presented at *British Scoliosis Society meeting Leeds: 9-11 April* 2003
84. McCarthy M, **Mehdian SMH**, Fairbairn J, Stevens A, Melorheostosis at the zygoapophyseal joint of the tenth and eleventh thoracic vertebra – a rare cause of back pain. Presented as a poster presentation at *British Scoliosis Society Meeting Leeds: 9-11 April* 2003
85. Behensky H, Cole A, Webb J, Freeman B, Lam K, Grevitt M, **MehdianH** ,Fixed Lumbar Apical Vertebral Rotation predicts spinal decompensation in Lenke 3C

type Adolescent Idiopathic Scoliosis after posterior thoracic Correction and fusion, presented at Scoliosis Research Society Meeting Quebec, Canada, 10-13 Sep 2003, BSS 9-11 April 2003 Leeds and presented at Spineweek 2004 Porto, Portugal.

86. Sengupta DK, Freeman BJ, Grevitt MP, **Mehdian SH**, Webb JK. Long-term follow-up of Luque trolley growing-rod construct in the surgical treatment of early onset idiopathic scoliosis. Presented at Scoliosis Research Society Meeting, Seattle 2002, NASS Meeting San Diego October 2003 USA, and Spineweek 2004 Portugal.
87. M McCarthy, Lam K, **Mehdian H**, Kerslake R. Difficulties in the Management of Spinal deformities in Larsen's syndrome a case Report. Presented as a poster at B.S.S Meeting Leeds: 9-11 April 2003, Spineweek
88. Leung Y, Freeman B, **Mehdian H**, Grevitt M, Webb J. A prospective Randomized trial comparing femoral ring allograft and syncage for Circumferential spinal fusion (2 year functional outcome) Presented at ISSLS Meeting May 13-17, 2003 Vancouver, Canada and Eurospine meeting Prague October 2003.
89. Kamath SH, Sengupta DK, **Mehdian SMH**, Webb JK. Sagittal Balance in Scheuermann's Kyphosis- Results of Surgical Treatment in 35 Cases. Abstract published in Orthopaedic proceedings JBJS.85-B 20
90. Daivajna S, Jones A, O'Malley M, **Mehdian SMH**. Unilateral septic arthritis of a lumbar facet joint secondary to acupuncture treatment – a case report. Published in Acupuncture in medicine 2004; 22(3):152
91. Daivajna S, Lam K, Jones A, **Mehdian SMH**. Surgical outcome of scoliosis using different instrumentation constructs in Duchenne Muscular Dystrophy. Presented at British Scoliosis Meeting, QMC Nottingham 27 April 2004.
92. **Mehdian SMH**, Lam K, Freeman BJC. Controlled Surgical reduction of fixed Cervical flexion deformity in Ankylosing Spondylitis. Presented at Spineweek, Porto, Portugal, 2004.
93. Sengupta DK, **Mehdian SMH**, Webb JK, Grevitt MP, Freeman BJ. Surgical Correction of Sagittal plane deformity in Scheuermann's Kyphosis .Presented at Spineweek, Porto, Portugal 2004.
94. **Mehdian SMH**, Cole AA. A new approach to Spondylolisthesis reduction. Presented at Spineweek, Porto, and Portugal 2004.
95. **Mehdian SMH**. Controlled surgical reduction of fixed flexion deformity of the cervical spine in Ankylosing Spondylitis (A Safer technique). Presented in 39th annual meeting of Scoliosis Research Society CME Course: Innovative Treatment Options in spine surgery Buenos Aires, Argentina Sep 6, 2004, the Talk is available in www.srs.org.com.
96. Divan S, Jones A, **Mehdian SMH**. Surgical management of severe cervical kyphosis with myelopathy in Osteogenesis imperfecta A case report. Published in Spine Journal Volum 30 (7), April 1, 2005, JBJS B-2
97. Daivajna S, Adams CI , **Mehdian,SMH** .Surgical management of Severe Scheuermann's Kyphosis: Analysis of sagittal alignment with or without interbody cages. Presented at BritSpine 2004, Nottingham and BSS 2005.
98. Divan S, Jones A, **Mehdian SMH**. Surgical management of severe cervical Kyphosis with myelopathy in Osteogenesis imperfecta A case report. Presented in BCCS Meeting 2004 Cambridge and BSS meeting Liverpool 2005
99. Sengupta D, Jeffrey J, **Mehdian SMH**, Montgomery D, Webb J. Corrective Osteotomy in Ankylosing Spondylitis- long-term outcome and Complications.

Presented at SRS Meeting Buenos Aires Sep 2005

100. McKenna PJ, Freeman B, Mulholland R, Grevitt M, Webb J, **Mehdian H**. A prospective randomized controlled trial of femoral ring allograft versus a titanium cage in circumferential lumbar spinal fusion with minimum two-year Clinical results . Presented in SSE meeting, Barcelona September, 2005. **This paper has received SSE Award**
101. S.Ajnin, UK Debnath, **SMH Mehdian**. Osteoid Osteoma of left parsintervertebralis of fourth lumbar vertebra. Published in grandrounds 2003. Pdf
102. Arun.R, **Mehdian SMH**, Daivajna MS, Sithole .J. Comparison of anterior Interbody cages to autogenous rib graft in the surgical management of Scheuermann's kyphosis. The Spine journal 2005.
103. Mousavi J, Parnianpour M, **Mehdian SMH** . Development of Persian- Versions of the Oswestry Disability Index, Roland- Morris Disability Questionnaire and Quebec Back pain Disability scale. Published in Spine Journal 2006;31(14) :E 454-E459
104. Shoakazemi A, Fagan DJ, **Mehdian H**. Coccygectomy in patients with Coccydynia. Published in JBJS Proceedings Vol 90-B 2008
105. Arun.R, **Mehdian SMH**, Daivajna MS, Freeman B. Do anterior Interbody cages have a potential value compared to autologous rib graft in the surgical management of Scheuermann's kyphosis. published in The Spine Journal & JBJS proceedings...
106. Daivajna S, Adams C, **Mehdian SMH**. Surgical Management of severe Scheuermann's Kyphosis: Analysis of Sagittal alignment with or without Interbody Cages. Abstract published in JBJS, Orthopaedic proceedings 88-B 2006
107. **Mehdian SMH**, Arun R, Jones A, Cole A. Reduction of Severe Adolescent Isthmic Spondylolisthesis: A New Technique. Published Spine Vol 30, No 19, 2005.
108. Arun R, **Mehdian SMH**, Freeman BJC, Daivajna SC. Do Anterior Interbody cages have a Potential Value in Comparison to Autogenous Rib graft in the surgical Management of Scheuermann's Kyphosis? The Spine Journal 6, 2006, 413-420,
109. Kiely P, Steele N, Schuerler AV, Breakwell L, **Mehdian SMH**, Grevitt MP Webb JK, Freeman BJ; Long-term outcome of the Luque Trolley with epiphysiodesis in the management of progressive congenital scoliosis. Published in JBJS Vol 90-B 2008
110. Clarke A, Lam K, **Mehdian SMH**; Treating a painful pseudarthrosis of the odontoid process in ankylosing spondylitis. Published in Acta Orthopaedica Belgica, 2006
111. Talwalkar N, Debnath UK, **Mehdian SMH**. Quadriplegia from a panspinal extradural Abscess following pneumococcal meningitis. Acta Orthop Belg. 2006 Oct;72(5):647-50.
112. Debnath UK, Naidu Maripuri S, Mobini B, etemedifar MR, **Mehdian SMH** Rotational dislocation of the thoracolumbar spine. Case report and review of the literature.J Neurosurg Spine. 2007 Feb;6(2):161-4.
113. McKenna PJ, Freeman B, Mulholland R, Grevitt M, Webb J, **Mehdian H**. A prospective randomized controlled trial of femoral ring allograft versus a titanium cage in circumferential lumbar spinal fusion with minimum two-year clinical results . published in the October 2005 , European spine journal. **This paper has received SSE Award. Abstract published in JBJS , B2006**
114. Shoakazemi A, Fagan DJ, **Mehdian H**. Coccygectomy in patients with Coccydynia.

Presented at Britspine 2006

115. Arun.R, **Mehdian SMH**, Daivajna MS, Freeman B. Do anterior Interbody Cages have a potential value compared to autologous rib graft in the surgical management of Scheuermann's kyphosis. Presented at Britspine Meeting Cardiff April 2006
116. Kiely P, Steel N, Schueler, AV, Breakwell L, **Mehdian SMH**, Grevitt MP, Webb JK, Freeman BJ. Long term outcome of the Luque trolley with epiphysiodesis in the management of progressive congenital scoliosis. Presented at Britspine Meeting Cardiff , April 2006.
117. Fagan DJ, Freeman BJ, Sell P, Adams C, Grevitt M, **Mehdian SMH** .A nonrandomized cohort study of lumbar disc arthroplasty versus anterior Stand alone cage fusion. Presented at Britspine Meeting Cardiff , April 2006.
118. Freeman BJ, Morgan-Hough, **Mehdian SMH** , Perkins. Combined intra- Operative fluoroscopy and radionuclide localization for excision of Osteoid Osteoma and Osteoblastoma of the spine. Presented at Britspine Meeting Cardiff, April 2006
119. Arun R, **Mehdian SMH**, Freeman BJC, Daivajna SC. Do Anterior Interbody Cages have a Potential Value in Comparison to Autogenous Rib graft in the Surgical Management of Scheuermann's Kyphosis? Presented at Britspine 2006, Cardiff.
120. Kiely P, Steele N, Schuerler AV, Breakwell L, **Mehdian SMH**, Grevitt MP Webb JK, Freeman BJ; Long-term outcome of the luque Trolley with Epiphysiodesis in the management of progressive congenital scoliosis. Presented at Britspine 2006, Cardiff.
121. Ranganathan R, **Mehdian SMH**. Spontaneous kyphotic collapse followed by autostabilization secondary to cervical osteomyelitis in an intravenous drug abuser. Published in Acta Orthopaedica Belgica, April 2007.
122. Mousavi SJ, Montazeri A, Asgari b, Hadian M, Parnianpour **M, Mehdian SMH** Translation and validation study of the Iranian version of the disabilities of The arm, shoulder and hand (DASH) outcome measure. published in spine Journal, 2007, Vol 32, Number 26, E 825-E831
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Article: Apr 2016 - Journal of craniovertebral junction and spine
Authors: Catherine Hatzantonis, Samiul Muquit, Luigi Aurelio Nasto, Hossein Mehdian
247. **The Effect of Post-Operative Complications in Complex Adult Spinal Deformity Surgery on Surgical Outcomes: an International, Large-scale, Prospective Multi-center Study**
Article: Apr 2016 - Global Spine Journal
Authors: Kenneth M C Cheung, Cora Bow, Dino Samartzis, Lawrence Lenke, , Khaled M. Kebaish Christopher I. Shaffrey, Michael G. Fehlings, Benny Dahl, Christopher P. Ames, Yukihiro Matsuyama, Yong Qiu, ;Mehdian, Hossein; Pellisé-Urquiza, Ferran; Lewis, Stephen J.; Berven, Sigurd H.
248. **Health related quality of life in patients undergoing cervico-thoracic osteotomies for fixed cervico-thoracic kyphosis in patients with ankylosing spondylitis**
Conference Paper: Sep 2016 Scoliosis Research Society Meeting
Authors: Silviu Sabou,Dritan Pasku,Luca Boriani, Hossein Mehdian
249. **Surgical management of thoracic disc herniation**
Article: Sep 2016 - European Spine Journal
Authors: Hossein Mehdian, Luigi Aurelio Nasto

250. **Impact of Depression on Health-Related Quality of Life Outcomes in Surgically Treated Adult Spinal Deformity Patients: a ScolioRisk-1 Subanalysis**
Article: Oct 2016 The Spine Journal
Authors: Amit Jain, Lawrence Lenke, Leah Y. Carreon, Khaled M. Kebaish, Christopher I. Shaffrey, Michael G. Fehlings, Benny Dahl, Christopher P. Ames, Yukihiro Matsuyama, Yong Qiu, Mehdi Hosseini; Pellisé-Urquiza, Ferran; Lewis, Stephen J.; Berven, Sigurd H
251. **Incidence of Proximal Junctional Kyphosis in Patients with Adult Spinal Deformity Fused to the Pelvis: Analysis of 198 Patients**
Article: Oct 2016,
Authors: Amit Jain, Floreana Naef, Lawrence Lenke, Khaled M. Kebaish, Christopher I. Shaffrey, Michael G. Fehlings, Benny Dahl, Christopher P. Ames, Yukihiro Matsuyama, Yong Qiu, Mehdi Hosseini; Pellisé-Urquiza, Ferran; Lewis, Stephen J.; Berven, Sigurd H.
252. **Complications and Patient-Reported Outcomes of Primary versus Revision Surgery for Severe Adult Spinal Deformity: A ScolioRisk-1 Sub-Analysis**
Article: Oct 2016 - The Spine Journal
Authors: Amit Jain, Floreana Naef, Lawrence Lenke, Khaled M. Kebaish, Christopher I. Shaffrey, Michael G. Fehlings, Benny Dahl, Christopher P. Ames, Yukihiro Matsuyama, Yong Qiu, Mehdi Hosseini; Pellisé-Urquiza, Ferran; Lewis, Stephen J.; Berven, Sigurd H.
253. **Effect of Age on Postoperative Complications and Patient Reported Outcomes in Severe Adult Spinal Deformity: Patients 60 Years**
Article: Oct 2016 - The Spine Journal,
Authors: Amit Jain, Lawrence G. Lenke, Christopher I. Shaffrey, Michael G. Fehlings, Benny Dahl, Christopher P. Ames, Yukihiro Matsuyama, Yong Qiu, Mehdi Hosseini; Pellisé-Urquiza, Ferran; Lewis, Stephen J.; Berven, Sigurd H.
254. **Paraspinal muscle volume in patients with Scheuermann's Kyphosis**
Article: Nov 2016 - Acta Orthopaedica Belgica
Authors: Radek Kaiser, Eyal Behrbalk, Petr Waldauf, Hossein Mehdi
255. **Distal junctional kyphosis in patients with Scheuermann's disease: a retrospective radiographic analysis**
Article: Dec 2016 - European Spine Journal,
Authors: Amir Ghasemi, Timo Stübiger, Luigi Aurelio Nasto, Hossein Mehdi
256. **Clinical outcome and safety study of a newly developed instrumented French-door cervical laminoplasty technique**
Article: Jan 2017 - Journal of Orthopaedics and Traumatology
Authors: Luigi Aurelio Nasto, Samiul Muqit, Ana Belen Perez-Romera, Hossein Mehdi
257. **Erratum to: Distal junctional kyphosis in patients with Scheuermann's disease: a retrospective radiographic analysis**
Article: Feb 2017 - European Spine Journal
Authors: Amir Ghasemi, Timo Stübiger, Luigi Aurelio Nasto, Hossein Mehdi
258. **Predictors of Health-Related Quality-of-Life After Complex Adult Spinal Deformity Surgery: A Scolio-RISK-1 Secondary Analysis**
Article: Mar 2017
Authors: Leah Y. Carreon, Steven D. Glassman, Fehlings, Michael G.; Shaffrey, Christopher I. Lawrence Lenke; Cheung, Kenneth M.C.; Carreon, Leah; Dekutoski, Mark B.; Schwab, Frank J.; Boachie-Adjei, Oheneba; Kebaish, Khaled M.; Ames,

Christopher P.; Qiu, Yong; Matsuyama, Yukihiro; Dahl, Benny T.; Mehdian, Hossein; Pellisé-Urquiza, Ferran; Lewis, Stephen J.; Berven, Sigurd H.

259. **Analysis of cervical sagittal alignment change following correction of thoracic and thoracolumbar Scheuermann's kyphosis**
Article: Mar 2017 - European Spine Journal
Authors: Luigi Aurelio Nasto, Saggah Tarek Shalabi, Ana Belen Perez-Romera, Hossein Mehdian
260. **Can MRI Predict Flexibility in Scheuermann Kyphosis Patients?**
Article: Aug 2017 Journal of Spinal Disorders & Techniques
Authors: Radek Kaiser, Eyal Behrbalk, Michael Walsh, Hossein Mehdian
261. **Characteristics of Deformity Surgery for Patients with Rigid Cervical Kyphosis: Results of an International Multicenter Study**
Article: Oct 2017 - The Spine Journal
Authors: Justin S. Smith, Christopher P. Ames, Christopher I. Shaffrey, Hossein Mehdian, Richard Ferch, Ronald Bartels, Johannes Schroder, Tomoaki Toyone
262. **Single-stage posterior reduction and instrumented fusion of high-grade L5-S1 Spondylolithesis**
Article: Nov 2017 - European Spine Journal
Authors: Hossein Mehdian, Luigi Aurelio Nasto
263. **263. An Analysis of the Incidence and Outcomes of Major vs. Minor Neurological Decline after Complex Adult Spinal Deformity Surgery: A Sub-analysis of Scolio-RISK-1 Study**
Article: Nov 2017 – Spine
Authors: So Kato, Lenke, Lawrence G.; Fehlings, Michael G.; Shaffrey, Christopher I.; Cheung, Kenneth M.C.; Carreon, Leah; Dekutoski, Mark B.; Schwab, Frank J.; Boachie-Adjei, Oheneba; Kebaish, Khaled M.; Ames, Christopher P.; Qiu, Yong; Matsuyama, Yukihiro; Dahl, Benny T.; Mehdian,
-

Academic Activities 2014/15

2ND OXFORD EARLY ONSET SCOLIOSIS MEETING, 4-5 September, 2014

- | | |
|----|---|
| 1. | Moderator, Hossein Mehdian |
| 2. | Faculty Member |
| 3. | Podium presentation: Early Onset Neuromuscular Scoliosis Classifications and Implications for Surgery |

Scoliosis Research Society, 49th Annual Meeting & Course, September 8-13, 2014, Anchorage, Alaska

Podium Presentations

- | | |
|----|--|
| 1. | Annual Report- Global Outreach Committee, Tuesday, September 9, 2014 12:30-1:30 PM, GOP Committee Chair H Mehdian |
| 2. | Correction of Scheuermann's Kyphosis Sagittal Parameters & PJK, Hibbs Society Meeting |

EuroSpine Meeting 1-3 October, 2014 Lyon

Podium Presentations

- | | |
|----|---|
| 1. | A radiographic analysis of cervical and pelvic parameters following segmental correction of scheuermann's kyphosis, Hossein Mehdian , Georgios Arealis, Sherief Elsayed, Oliver Stokes, Nasir Quraishi, The Centre for Spinal Studies and Surgery, Queens Medical Centre, Nottingham, United Kingdom |
| 2. | Eurospine lunch symposium, faculty member, Lecture; Corrective Spinal Osteotomies in Ankylosing, Hossein Mehdian , Nottingham, UK |
| 3. | V-Y vertebral body osteotomy for the treatment of fixed flexion deformity of the spine Hossein Mehdian , georgios arealis, sherief elsayed, oliver stokes, nasir Quraishi, Centre for Spinal Studies and Surgery, Queens Medical Centre, Nottingham |
| 4. | Incidence of false positive spinal cord monitoring alerts in surgery for early onset scoliosis oliver stokes, ed bayley, rob burton, sherief elsayed, dominique rothenfluh, Hossein Mehdian , Centre for Spinal Studies and Surgery, Queen's Medical Centre, Nottingham, U.K. |

22nd Annual Meeting of Iranian Orthopaedic Association, 13-17 October, 2014, Tehran-Iran - Guest Speaker and Faculty Member H Mehdian

Podium Presentations

- | | |
|----|--|
| 1. | Anterior Approach to Spine Surgery |
| 2. | Adult Spinal Deformity |
| 3. | Correction of Scheuermann's Kyphosis Sagittal Parameters & PJK |

SRS Worldwide Course 2014, H Mehdian

In association with the *Russian Association of Spinal Surgeons Young Surgeons Section*, November 28-29, 2014, Novosibirsk, Russia

Invited Faculty Member, **H Mehdian**

Podium Presentations

- | | |
|----|---|
| 1. | Treatment of Adult Degenerative Scoliosis |
| 2. | Spondyloptosis: Surgical Management |

Korean Spine Society Meeting Nov. 15-16 in Yeosu, Korea

Invited Guest Speaker and Faculty Member, H Mehdian

- | | |
|----|---|
| 1. | Corrective Spinal Osteotomies in Ankylosing Spondylitis |
| 2. | Management of Neuromuscular Scoliosis |

Management of Paediatric Spinal Deformity, **H Mehdian** Divisional day OMC

Osteotomy in Ankylosing Spondylitis, **H Mehdian** Spinal Unit, Tuesday Teaching Meeting

Reduction of high Grade Spondylolithesis, **H Mehdian** Spinal Unit, Tuesday Teaching Meeting

Early Onset Scoliosis, **H Mehdian** Spinal Unit, Tuesday Teaching Meeting

Percutaneous Suction Irrigation, **H Mehdian** Spinal Unit, Teaching Meeting

Thoracic Disc Excision, Spinal Unit, Teaching Meeting

Abstract Publications

EuroSpine Journal, Volume 23, Supplement 5, September 2014

1. A radiographic analysis of cervical and pelvic parameters following segmental correction of scheuermann's kyphosis; **Hossein Mehdian**, Georgios Arealis, Sherief Elsayed, Oliver Stokes, Nasir Quraishis
2. Incidence of false positive spinal cord monitoring alerts in surgery for early onset scoliosis oliver stokes, ed bayley, rob burton, sherief elsayed, dominique rothenfluh, **Hossein Mehdian**
3. V-Y vertebral body osteotomy for the treatment of fixed flexion deformity of the spine **Hossein Mehdian**, georgios arealis, sherief elsayed, oliver stokes, nasir Quraishi

Faculty Member

Chairperson & Lecture; What is new on the horizon for EONMS? When you start treatment for EONMS and what are the options; **H Mehdian**, **EuroSpine** 2-4 September 2015 Copenhagen

Chairperson; Early Onset Scoliosis session; **H Mehdian**, **EuroSpine**, Thursday session EuroSpine 3 September 2015 Copenhagen

Faculty Member; Nottingham Anterior Spinal and Access Course (*NASAC*); **H Mehdian.QMC, Nottingham**, June 2015, Thoraco-abdominal approach lecture and Cadaver demonstration

Visiting Professor: Ganga-SRS Operative Spine Course, May, 7-10, 2015. Ganga Hospital, Coimbatore, India, 3 lectures delivered and two live surgeries.

BASS 2015 Meeting (Bath, UK)

1. Behrbalk E., Uri O., Grevitt M.P., Boszczyk B., Shafafy M., Nasto L.A., Perez Romera A.B., Shalabi S.T., Mehdian H., Early changes in sagittal spino-pelvic parameters after Scheuermann's kyphosis correction, 2015 British Association of Spine Surgeons (BASS) Meeting, Bath, March 18 – 20, 2015;
3. Behrbalk E., Uri O., Mehdian H., Boszczyk B., Shafafy M., Nasto L.A., Perez Romera A.B., Shalabi S.T., Grevitt M.P., Can spino-pelvic parameters predict hardware failure in Scheuermann's kyphosis patients?, **2015 British Association of Spine Surgeons (BASS) Meeting**, Bath, March 18 – 20, 2015;

BSS 2015 Meeting (Sheffield, UK)

1. Shalabi S., Nasto L.A., Perez-Romera A.B., **Mehdian H.**, Can cervical parameters predict proximal junctional kyphosis (PJK) in Scheuermann's kyphosis?, 2015 British Scoliosis Society (BSS) Meeting, Sheffield, April 22 – 23, 2015;
2. Nasto L.A., Perez-Romera A.B., Shalabi S.T., **Mehdian H.**, Sagittal alignment of the cervical spine following correction of Scheuermann's kyphosis, 2015 British Scoliosis Society (BSS) Meeting, Sheffield, April 22 – 23, 2015;
3. **Mehdian H.**, Nasto L.A., Perez-Romera A.B., Stokes O., Surgical outcome of scoliosis correction in Duchenne muscular dystrophy using different instrumentation constructs. 2015 British Scoliosis Society (BSS) Meeting. Sheffield.

April 22 – 23, 2015;

Italian Spine Surgery Society National Meeting (Rome, Italy)

5. Nasto L.A., Perez Romera A.B., Shalabi S.T., **Mehdian H.**, Correlazione tra parametri spinopelvici e fallimento dell'osteosintesi nei pazienti affetti da morbo di Scheuermann, XXXVIII National Meeting of the Italian Society of Spine Surgery (SICV&GIS), Roma, Italy, May 14 – 16, 2015;
6. Nasto L.A., Shalabi S.T., Perez Romera A.B., **Mehdan H.**, Il T1 slope è il valore predittivo più efficace di fallimento prossimale dell'osteosintesi nei pazienti affetti da morbo di Scheuermann, XXXVIII National Meeting of the Italian Society of Spine Surgery (SICV&GIS), Roma, Italy, May 14 – 16, 2015;
7. Nasto L.A., Chiavazzo E., Nasto R.A., **Mehdian H.**, Pola E., SCOLIMAT: proposta di un nuovo software per lo studio tridimensionale della scoliosi idiopatica dell'adolescenza (AIS), XXXVIII National Meeting of the Italian Society of Spine Surgery (SICV&GIS), Roma, Italy, May 14 – 16, 2015;

14th International Phillip Zorab Symposium (Edinburgh, UK)

1. Behrbalk E., Uri O., **Mehdian H.**, Boszczyk B., Shafafy M., Nasto L.A., Perez Romera A.B., Shalabi S.T., Can spinopelvic parameters predict hardware failure in Scheuermann's kyphosis patients? 14th International Phillip Zorab Symposium, Edinburgh, UK, June 11 – 12, 2015;
2. Behrbalk E., Uri O., **Mehdian H.**, Boszczyk B., Shafafy M., Nasto L.A., Perez Romera A.B., Shalabi S.T., Early changes in sagittal spino-pelvic parameters after Scheuermann's kyphosis correction, 14th International Phillip Zorab Symposium, Edinburgh, UK, June 11 – 12, 2015;

31st Annual Meeting of the Cervical Spine Research Society (CSRS) (London, UK), May 26 – 28, 2015;

1. **Mehdian H.**, Perez Romera A.B., Nasto L.A., Ranganathan A., A controlled reduction technique for the treatment of cervico-thoracic deformity in ankylosing spondylitis, 31st Annual Meeting of the CSRS, London, UK, May 26 – 28, 2015;
2. Rajabian A., **Mehdian H.**, Grevitt M.P., Type 2 odontoid fracture in the elderly and fusion of atlanto-odontoid joint: correlation or causation? 31st
3. Nasto L.A., Belen A., Romera Perez A.B., Shalabi S.T., Mehddian H., Can cervical parameters predict proximal junctional kyphosis in Scheuermann's kyphosis? 31st Annual Meeting of the CSRS, London, UK, May 26 – 28, 2015;
4. Shalabi S.T., Perez Romera A.B., Nasto L.A., Mehddian H., Sagittal alignment of the cervical spine following correction of Scheuermann's kyphosis, 31st Annual Meeting of the CSRS, London, UK, May 26 – 28, 2015;
5. Mehddian H., Perez Romera A.B., Nasto L.A., Stokes O., Clinical outcomes of instrumented french door cervical laminoplasty, 31st Annual Meeting of the CSRS, London, UK, May 26 – 28, 2015;
6. **H Mehddian**; Management of spasticity and neuromuscular scoliosis in single operative procedure, S. Muquit, Luigi Nasto, AB Perez Romera, Presented at CSRS-ES Annual Meeting in London, 26th – 28th May 2015

XXIX Congreso Nacional de la Sociedad para el Estudio de las Enfermedades del Raquis (GEER) (Malaga, Spain)

1. A.B Perez; Nasto, Luigi Aurelio; Shalabi , Saggah Tarek; Mehddian , Hossein. Alineamiento sagital del raquis cervical tras la corrección de la cifosis de Scheuermann, XXIX Congreso Nacional del GEER, Malaga, Spain, June 4-6, 2015;
2. A.B Perez; Shalabi, Saggah Tarek; Nasto, Luigi Aurelio; Mehddian , Hossein. Pueden los parámetros espinopelvicos predecir la cifosis de la unión proximal tras

la corrección de la cifosis de Scheuermann?, XXIX Congreso Nacional del GEER, Malaga, Spain, June 4-6, 2015;

22nd International Meeting on Advanced Spine Techniques (IMAST) (Kuala Lumpur, Malaysia)

1. **Mehdian H.**, Perez Romera A.B., Nasto L.A., Stokes O.M., Clinica outcome of instrumented french door laminoplasty, 22nd IMAST Meeting, Kuala Lumpur, Malaysia, July 8 – 11, 2015; 5;
2. Predictors of Neurological Motor Decline in Complex Adult Spinal Deformity Surgery: Results of the prospective, International, Multicenter Scolio-Risk-1 Study. Michael G . Fehlings, Lawrence G Lenke, Hiroaki Nakashima, Narihito Nagoshi, Christophert I Shaffrey, Branko Kopiar, Kenneth MC Cheung, Leah Carreon, Mark Dekutoski, Frank Schwab, Obeneba Boachie-Adjei, Khaled M .Kabaish, Christopher P Ames, Young Oiu, Yukihiko Matsuyama, Benny T. Dahl, **Hossein Mehdian**, Ferran Pellise-Urquiza, Stephen J Lewis, Sigurd H Berven.

EuroSpine Meeting, Copenhagen, 2015

1. Mehdian H., Nasto L.A., Perez-Romera A.B., Stokes O., Comparison of segmental pedicle screws versus hybrid constructs using sublaminar wires for deformity correction in cerebral palsy, **EuroSpine 2015 Meeting**, Copenhagen, Denmark, September 1 – 4, 2015;
2. Nasto L.A., Perez Romera A.B., Behrbalk E., Shalabi S.T., Mehdian H., Can spinopelvic parameters predict proximal junctional kyphosis following correction of Scheuermann's kyphosis?, **EuroSpine 2015 Meeting**, Copenhagen, Denmark, September 1 – 4, 2015;
1. Early Onset Neuromuscular Scoliosis , **Hossein Mehdian**; EuroSpine 2-4 September 2015 Copenhagen

50th Annual Meeting & Course SRS (Minneapolis, USA)

1. Nasto L.A., Perez Romera A.B., Shalabi S.T., **Mehdian H.**, Sagittal alignment of the cervical spine following correction of Scheuermann's kyphosis, **50th Annual Meeting SRS**, Minneapolis, USA, September 30 – October 3, 2015;

NASS 2015 Meeting (Chicago, USA)

1. Nasto L.A., Perez Romera A.B., Mehdian H., Surgical outcome of scoliosis correction in Duchenne Muscular Dystrophy using different instrumentation constructs, **NASS 2015 Meeting**, Chicago, USA, October 14 -17, 2015;

Book Chapters

1. Early Onset Scoliosis Book Published by Thieme, September 2015
Early Onset Neuromuscular Scoliosis, Surgical treatment and outcomes, **H Mehdian**, Nasir Quraishi
2. Early Onset Scoliosis Book Published by, Springer-Verlag
Berlin Heidelberg, September 2015; Growth-Guided Instrumentation: Luqué Trolley, Jean A Ouellet, Catherine E Ferland, Hossein Mehdian

Submitted Papers

1. Incidence of False Positive Spinal Cord Monitoring Alerts in Surgery for Early Onset Scoliosis Oliver M Stokes, Edward Bayley, Salil B Patel, Robert Burton, Sherief Elsayed, Dominique A Rothenfluh, **Hossein Mehdian**
2. *Can MRI predict flexibility in Scheuermann's kyphosis patients?* Kaiser R, Behrbalk E, Walsh M, Waldauf P, Perez B, **Mehdian H.** Spine J (under revision).
3. *Is Scheuermann's Kyphosis associated with weakness of lumbar paraspinal muscles?* Kaiser R Behrbalk E Waldauf P Perez B Řehoušek P **Mehdian H:** Eur

	Spine J (under revision).
4.	<i>Flexibility of thoracic and lumbar curves between standing radiograph and supine MRI in patients with Scheuermann's kyphosis.</i> Kaiser R, Behrbalk E, Waldauf P, Grevitt M, Perez Romera AB, Mehdian H : Eur Spine J (under revision)
5.	<i>Correlation between preoperative spinopelvic alignment and risk of instrumentation failure after posterior-only surgical correction of Scheuermann's kyphosis.</i> Luigi Aurelio Nasto, MD; Ana Belen Perez Romera, MD; Saggah Tarek Shalabi, BMedSci, BMBS; Hossein Mehdian , MD, MS(Orth), FRCS(Ed). The Spine Journal (under revision)

Postgraduate Lectures

1.	Management of Early Onset Scoliosis
2.	Divisional day, Pediatric Spinal Deformity
3.	Percutaneous suction-irrigation technique for the management of intervertebral discitis