

Resume of Jwalant S. Mehta

MBBS, MS(Orth), D(Orth), MS(Orth), MCh(Orth), FRCS (Eng), FRCS (Tr & Orth)

PERSONAL AND CONTACT DETAILS:

Name:	Jwalant S. Mehta
NHS base:	Royal Orthopaedic Hospital, Birmingham B31 2AP
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Private clinics:	Spire Parkway, Solihull BMI Edgbaston and BMI Priory Bromsgrove Private Clinic
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Nationality:	British; Indian

MEDICAL LICENSURE:

General Medical Council (UK): Specialist Register for Trauma & Orthopaedics
Registration no: 4479169

Missouri Board for Healing Arts: Visiting Professor Licence (Dec 2008)
Licence No: 2008033793

QUALIFICATIONS:

India	1989	MBBS (Bombay University)
	1992	MS Orth (Bombay University)
	1992	D Orth (Bombay University)

- UK 1998 **MCh Orth** (University of Liverpool)
 2001 **FRCS** (Tr & Orth)
 2002 **FRCS** (Royal College of Surgeons of England)

RESEARCH & PUBLICATIONS

Thesis and Dissertations:

1. Study of avascular necrosis of femoral heads in operated trans-cervical fractures of the femur. M.S.(Orth), Bombay University, July '92.
2. Spondylo-discitis of the thoracic spine: A new classification based on selection of surgical approach. M.Ch. (Orth) Liverpool, December 1998.

Book Chapters and invited publications:

1. **Mehta JS**, Gaines RW Jr. Anterior short segment fusion for Scheuermann's disease. ***Bridwell's textbook of Spine Surgery, 3rd edition, in Press.***
2. Romagnoli JR, **Mehta JS**, Gaines RW Jr. The L5 vertebrectomy approach for the treatment of Spondyloptosis with the reduction of L4 on S1. ***Bridwell's textbook of Spine Surgery, 3rd edition, in Press.***
3. **Mehta JS**, Gaines RW Jr Short Segment 'Bone-on-bone' fusion for adolescent idiopathic scoliosis. ***Mastering techniques in Orthopaedic Surgery: Spine.***
4. **Mehta JS**, Gaines RW Jr L5 vertebrectomy with reduction of L4 onto S1 for the surgical reconstruction of lumbosacral spondyloptosis. ***Mastering techniques in Orthopaedic Surgery: Spine.***
5. **Mehta JS**, Gaines RW Jr The anterior approach to treating Scheuermann's disease: Short segment fusion. ***Mastering techniques in Orthopaedic Surgery: Spine.***

6. **Mehta JS**, Gaines RW Jr. *Anterior surgery in spinal pathology. E chapter for the SRS website.*
7. **Mehta JS**, Hemmadi SS. Legg-Calve-Perthes disease: A monograph for primary care physicians. *BMJ Point of care, an e-publication in ePocrates.*
8. **Mehta JS**. Chronic spinal cord injuries. A monograph for primary care physicians. *BMJ Point of care, an e-publication in ePocrates.*
9. **Mehta JS, Jones M**. Proximal Junctional Kyphosis. ASSI Monograph on Spinal Complications.

Published papers in peer-reviewed journals:

1. Agarwala S., **Mehta JS** Micro-lumbar Discectomy - The first century at the Hinduja Hospital. *Bombay Hospital Journal, Vol. 36, No. 4, 1994.*
2. **Mehta JS**, Bhojraj SY. Tuberculosis of the thoracic spine: A classification based on the selection of surgical strategies. *Journal of Bone & Joint Surgery 83-B, No. 6, August 2001; 859-863.*
3. **Mehta JS**, Gibson MJ. The treatment of neuromuscular scoliosis. Review article *Current Orthopaedics (2003) 17, 313-321.*
4. **Mehta JS**, Reed MR, McVie JL, Sanderson PL. Weight bearing radiographs in Thoraco-lumbar fractures. Do they influence management? *Spine 29 (5); March 1 2004: 564 – 567.*
5. Jones A, **Mehta JS**, Fagan D, Ahuja S, Grant A, Davies PR. Anterior odontoid screw for a paediatric odontoid non-union: a case report. *Spine 30(1); Jan 1 2005: E 28 – 30.*
6. Gill I, Eagle M, **Mehta JS**, Gibson MJ, Bushby K, Bullock R. Correction of neuromuscular scoliosis in patients with pre-existing respiratory failure. *Spine 2006 Oct 1, 31(21): 2478-83.*
7. Eagle M, Bourke J, Bullock, R, Gibson MJ, **Mehta JS**, Giddings D, Straub V, Bushby K. Managing Duchenne muscular dystrophy – The additive effect of spinal surgery and home nocturnal ventilation in improving survival. *Neuromuscular disorders 17 (6), June 2007: 470 - 475.*

8. Lakshmanan P, Jones A, **Mehta JS**, Howes J, Ahuja S, Davies PR. Recurrence of kyphosis and its functional implications after surgical stabilisation of dorso-lumbar fractures. Accepted for *The Spine Journal*.
9. Kusakabe T, **Mehta JS**, Gaines RW Jr. Results after short-segment bone-onbone instrumentation for adolescent idiopathic scoliosis with a mean follow-up of 6 years. Accepted for publication in *Spine*.
10. Agarwala S, **Mehta JS**. The Kashiwagi syndrome in calcaneal fractures - an under recognised clinical entity. *Orthopaedics Update (India) Vol. 5 : 1995*.
11. Mannion SJ, **Mehta JS**, Spencer JD. Oedema blue. *Journal of the Royal Society of Medicine Sept 1998; 91: 491 – 492*.
12. **Mehta JS**, Nicolaou N, Kiryluk S, Fordyce MJ. Venous ulcers after hip replacements: A clinical evaluation at 5 – 12 years. *Journal of Bone and Joint Surgery 85-B, No 7, September 2003; 960-2*.
13. **Mehta JS**, Kiryluk S, Fordyce MJ, Tuson KWR. Pain and patient satisfaction: Outcome parameters for the successful hip replacement in the elderly. *Hip International 2005; 15: 112 - 118*
14. **Mehta JS**, Conybeare ME, Hinves B, Winter JBM. Protein C levels in patients with Legg-Calve-Perthes disease. Is it a true deficiency? *Journal of Paediatric Orthopaedics 26 (2); Mar / Apr 2006: 200 – 203*
15. **Mehta JS**, Kochhar S, Harding I. Retro-listhesis in the segment above the lytic slip: role of the facet degeneration. *European Spine Journal*
16. **Mehta JS**, Moldavsky, Kannan M, Khalil S. Pedicle screw pullout based on 4 screw preparation techniques. *Indian Journal of Orthopaedics*.

CURRENT RESEARCH PROJECTS:

- Lung function study after anterior scoliosis surgery
- Facet pathoanatomy in Adult Spinal deformity
- Pedicle anatomy in Idiopathic Scoliosis
- Outcomes of distal screw fixation with the VEPTR system for early onset scoliosis.

- FEA and cadaveric testing of the Tuning Fork plate
- The role of Magnesium in reducing opiate requirements after scoliosis surgery
- FEA of the Growing spine: anchor and curve parameters
- FEA for proximal junctional forces in long fusions in adults
- Radiation exposure in children during the treatment for scoliosis.
- Role of anterior release in large idiopathic scoliosis
- Do Proximal hooks protect against PJK in long constructs.

MEMBERSHIPS:

1. British Orthopaedic Association
2. Indian Orthopaedic Association
3. Bombay Orthopaedic Society
4. AO Spine
5. British Scoliosis Society
6. British Association for Spinal Surgeons
7. Association of Spinal Surgeons of India
8. Scoliosis Research Society

EDITORIAL COMMITMENTS:

1. European Spine Journal
2. Spine
3. Spinal Deformity Journal
4. Bone Joint Journal (formely JBJS Br)
5. Global Spine Journal
6. Indian spinal Journal

COMMITTEE ASSIGNMENTS:

1. Medical Advisory Committee, Sancta Maria Hospital (2011-13)
2. Website Committee (SRS, 2011-12)
3. Research Grant Review Committee (2012-13)
4. SRS Programme reviewer (2012-13, 15-17)

5. SRS Education Committee (2013-14)
6. SRS Grant Review committee (2015-18)
7. SRS CME committee (2015 -18)

CLINICAL (NHS & PRIVATE) PRACTICE:

- Deformity corrections in paediatric, adolescent, adult and elderly populations.
- Degenerative conditions of the cervical and the lumbar spine.
- Sports injuries in professional and semi-professional football, cricket and rugby players. Spine Consultant with the Swans City FC.
- Management of spinal trauma, spinal infections, spinal tumours.
- Medico-legal report writing for injury claims and clinical negligence.

MEDICO-LEGAL REMIT:

I have done medico-legal reports for the past 15 years on all aspects of orthopaedics, musculo-skeletal trauma and spinal problems. Spinal problems include lumbar and cervical conditions and spinal deformities. I have worked for claimants, defendants and insurance companies. I can take on work that requires a rapid turn-over.