

MR Masood Shafafy (MB BS, FRCS, FRCS Tr &Orth)

Consultant Spinal Surgeon



1-Centre for Spinal studies and Surgery

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2- BMI Park Hospital, Sherwood Lodge
Drive, Burntstump Country Park, Nottingham, NG5 8RX

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linked in: Masood Shafafy

Facebook: Masood Shafafy

General Medical Council registration Number : 04103691

(on the specialist register since 2006)

Qualifications:

2004 (May) : FRCS (Trauma & Orthopaedics)

2001 (June) : PgDip in Orthopaedic Engineering

1998 (April) : FRCS (Eng)

1994 (June) : MB BS (St Bartholomew's Hospital Medical College) London, UK

Education:

1999 -2001 : Orthopaedic Engineering, Cardiff University, UK

1989 -1994 : St Bartholomew's Hospital Medical College, London, UK

Training:

2006-2007 : Senior Spinal Fellowship, QMC, Nottingham, UK
2005-2006 : Senior Spinal Fellowship, NOC, Oxford, UK
2000-2005 : Specialist Training in Trauma & Orthopaedics North East Thames, The Royal London Rotation, UK

1999-2000 : Trauma Fellow , The Royal London Hospital

1995-1999 : Basic Surgical Training, Essex and London, UK
1994-1995 : Pre-registration House Jobs, London, UK

Clinical and Surgical Expertise

Mr Shafafy following retirement of MR J.K Webb, as his replacement, took over one of the most prestigious and yet complex and challenging spinal practices.

Mr Shafafy's particular interest is in complex paediatric and adult deformity and reconstruction with particular sub-specialist interest in Adolescent idiopathic scoliosis.

In the field of Paediatric Deformity such as adolescent idiopathic scoliosis in using modern instrumentation he employs his own spine derotating technique (shortly to be published) to achieve maximum safe correction of the spine. He also has developed his own technique in rib alignment to improve the appearance of posterior chest wall in very severe deformities when even maximum correction cannot achieve symmetrical posterior chest wall.

In the treatment of early onset scoliosis, he was amongst the first group of spinal surgeons in UK and Europe who started using MAGEC (Magnetic Expansion control) system. This revolutionary system allows correction of the spinal deformity in very young children via a less invasive technique whilst allowing the child's spine to grow.

In the field of Adult spinal deformity, although he employs established methods including Anterior and posterior reconstruction and correction techniques such as vertebral column resection and three column osteotomies, he also uses modern minimally invasive (MIS) approaches including Far lateral Interbody cages (incision through flank) for some cases. Again he was amongst the first group of UK spinal surgeons to start using this technique and he now teaches on this technique both nationally and internationally.

Furthermore, in the field of adult deformity, he also utilises vertebral augmentation techniques (Vertebroplasty & Kyphoplasty) for correction, instrumentation and reconstruction of osteoporotic adult spinal deformities and conditions.

Academic Interests, Pursuits & Research

A-Reviewer for European Spine Journal since 2013

B- Programme director for the Spinal Nottingham fellowship programme since 2009

C- Consultant Lead for clinical governance for the spine since 2009

D- Faculty member, Course Organiser and speaker at following national and international spinal courses and meetings.

- 1- NSpine Co-Chair man 2015 and faculty 2013 and 2015
- 2- Sponsored Lecture in the Influence of advancing technology in the treatment of Adult degenerative spinal deformities. NSpine 2015
- 3- Sponsored Lecture In Vertebral derotation technique in correction of Adolescent idiopathic scoliosis, Brispine, Bath, 2015
- 4- Arab Spine Diploma Course, Dubai Since 2015
- 5- Dubai Annual Spine Congress, Dubai Since 2015
- 6- Qatar Annual Spine Congress , Doha Since 2015
- 7- Nottingham spinal Anterior approach course (Since 2010)
- 8- Imperial College Spinal Course (London) (Since 2011)(Chair of paediatric deformity Session)
- 9- Adult spinal deformity annual Course, Vienna (Since 2014)
- 10- Annual Inspiration in Spine symposium (Since 2013)
- 11- Sponsored Lectures In Far lateral Interbody Fusion (Since 2014)
- 12- Adult spinal deformity annual Course, (Since 2013)
- 13- Annual meeting of university of Tehran Orthopaedic conference (Since 2013)
- 14- Speaker in Annual congress of Iranian Orthopaedic Association since (Since 2010)

F- Principle research investigator for a number of research projects at Nottingham

Professional Membership:

- 1- Scoliosis Research Society (SRS)
- 2- Spine Society of Europe (SSE)
- 3- North American Spinal Society (NASS)
- 4- British Association of Spinal Surgeons (BASS)
- 5- British Scoliosis Society (BSS)
- 6- British Orthopaedic Association (BOA)
- 7- British Orthopaedic Trainee's Association (BOTA)
- 8- Fellow of the Royal College of Surgeon's of England
- 9- International AO Spine, Silver member, Delegate
- 10- British Medical association (BMA)

Current Appointment:

Nov 09 - Consultant Spinal Surgeon
Complex deformity and spinal reconstruction
Centre for Spinal Studies and Surgery
Queen's Medical Centre, Nottingham, UK

Previous Appointments After Orthopaedic training :

Nov 07-Nov 09: Consultant Orthopaedic Spinal Surgeon
Peterborough & Stamford Hospitals NHS Trust
Peterborough , UK

July 06 - June 07: Senior Clinical Fellow in Spinal Surgery
Spinal Unit, Centre for Spinal Studies and Surgery
Queen's Medical Centre, Nottingham, UK

Jan 06 - June 06: Senior Clinical Fellow in Spinal Surger
Nuffield Orthopaedic Centre and John Radcliffe Hospital,
Oxford, UK

SPECIALIST TRAINING PROGRAMME IN TRAUMA AND ORTHOPAEDICS : NORTH EAST THAMES

THE ROYAL LONDON HOSPITAL ROTATION
Training Number: LDN/024/034/N
Entry Date: 10/1/2000
CCT Award : 22/3/2006

Basic Surgical Training Rotation

1999- 2000 : Trauma Fellow
The Royal London Hospital
London, UK

1995-1999: : Senior House Officer
St Bartholomew's Hospital, The Royal London Hospital, Southend hospital
London, Southend on Sea, UK

PUBLICATIONS

1. Schlag HR, Muquit S, Hristov TB, Morassi G, Boszczyk BM, **Shafafy M**
Subarachnoidal pleural fistula after resection of intradural thoracic disc herniation and multimodal treatment with noninvasive positive pressure ventilation (NPPV)
Eur Spine J. 2015 Jul 28. [Epub ahead of print]
2. Salem KH, Goodger L, Bowyer K, **Shafafy M**, Grevitt MP
Does transcranial stimulation for motor evoked potentials (TcMEP) worsen seizures in epileptic patients following spinal deformity surgery?
Ahead of print. European spine journal, Received: 11 November 2014 / Revised: 3 May 2015 / Accepted: 3 May 2015
3. Strantzis KA, Mirzashahi B, Behrbalk E, Sadat M, **Shafafy M**
Open reduction and posterior instrumentation of type 3 high transverse sacral fracture-dislocation.
Journal of neurosurgery Spine, 05/2014; DOI;10.317/2014.4.
4. Adamson L, Saunders J, MvNeill G, Forward D, **Shafafy M**
Traumatic tension chylothorax : Lessons from a rare complication of thoracic spinal trauma
Trauma, 2014 Vol. 16(2) 114-116
5. Kerr N, Gohil R, Bherbalk E, **Shafafy M**
Neurosurgery: Cervical Spine in the Round: A guide to Approach
Core surgery Journal: 11/2013; 3(6): 62-68
6. Quraishi NA, Koing M, Booker SJ, **Shafafy M**, Boszczyk BM, Grevitt MP, Mehdian H, Webb JK
Access Related Complications in Anterior Lumbar Surgery Performed by Spinal Surgeons
Eur Spine J. 2013 Mar;22 Suppl 1:S16-20. Epub 2012 Dec 19
7. Parks RM, Kong MA, Boszczyk BM, **Shafafy M**
Transarticular fusion for treatment of cystic lesion arising from an odontoid fracture
Eur Spine J (2013), Volume 22, Iss 1, 21-25
8. Hassan SS, Purushothamdas SS , Webb JK , **Shafafy M**
Rhizolysis: an unusual postoperative complication.
Am J Orthop (Belle Mead NJ) 41(8):E112-4 (2012), PMID 22900255
8. Karampalis CC, Grevitt MP, **Shafafy M**, Webb JK
High-grade spondylolisthesis: gradual reduction using Magerl's external fixator followed by circumferential fusion technique and long-term results.
Eur Spine J (2012), PMID 22358338
- 9- Khan AZ, **Shafafy M**, Latimer MD, Crosby, J
lipoma within the Achilles Tendon Sheath.
Foot Ankle Surg 18(1):e16-17 (2012)
10. **Shafafy M**, Singh. P, Fairbank. JCT, Wilson-MacDonald. J
Primary Non-Tuberculous Haematogenous Spinal Infections; Presentation, Investigation and Management. A ten-year experience

The Journal of Bone and Joint Surgery (BR),2008; 90-B: SUPP III, 524

PUBLICATIONS (Continued)

11. **Shafafy. M**, Nagaria. J, Judd. S, Grevitt. MP

Spondyloptosis & Major Olisthesis: Staged Reduction Using the Magerl Fixateur Externe

The Journal of Bone and Joint Surgery (BR),2008; 90-B: SUPP III, 526

11. Shoakazemi A, **Shafafy M**, Mehdian SMH

Results of coccygectomy in patients with traumatic coccydynia.

The Journal of Bone and Joint Surgery (BR),2008; 90-B: SUPP III, 528

12. **Shafafy M**, Singh P, Fairbank. JCT, Wilson-MacDonald. J

Functional Outcome after Primary Haematogenous Spinal Infection.

The Journal of Bone and Joint Surgery (BR),2008; 90-B: SUPP III, 529

13. Chinwalla. F, **Shafafy M**, Nagaria. J, Grevitt. MP

Lumbar Spine Decompression in the Elderly: Too Much, Too Late? A Comparison Of Outcomes & Complications

The Journal of Bone and Joint Surgery (BR),2008; 90-B: SUPP III, 526

14. **Shafafy M**, Nagaria. J, Grevitt. MP, Webb JK

High-grade spondylolisthesis; gradual reduction using Magerl external fixateur followed by circumferential fusion. (A safe and effective technique).

European Spine Journal Vol 16. Supp 1 Sep 2007: S43-S103

15. Chinwalla. F, **Shafafy M**, Nagaria. J, Grevitt. MP

Lumbar Spine Decompression in the Elderly: Too Much, Too Late? A Comparison Of Outcomes & Complications

European Spine Journal Vol 16. Supp 1 Sep 2007: S43-S103

16. Samandouras. G, **Shafafy M**, Hamlyn. PJ

A New Anterior Cervical Instrumentation System Combining an Intradiscal Cage With an Integrated Plate.

SPINE, May 2001, Volume26, Number 10, pp 1188-1192

PRESENTATIONS

1. Behrbalk E, Uri o, Mehdian H, Boszczyk B, **Shafafy M**, Nasto L, Kaiser K, Grevitt M

Can Spino-pelvic Parameters Predict Hardware Failure in Scheuermann Kyphosis Patients ?

Annual Meeting of the Spinal Society of Europe(Eurospine), Copenhagen, Denmark Sep 2015

2. Walsh M, Craxford S, **Shafafy M**

Choice Of Prophylactic Antibiotic Influences Infection Rates In Instrumented Lumbar Surgery

Annual congress of European Federation of National Associations of Orthopaedics and Traumatology (EFFORT) Prague, Czech Republic, 2015

3. Behrbalk E, Boszczyk B, Mehdian H, **Shafafy M**, Grevitt M

Early changes in sagittal spino-pelvic parameters after Scheuermann's kyphosis correction

British Association of Spine surgeons (BASS) Annual congress , Bath, UK 2015

4. Young A, **Shafafy M**

Shared decision making in discectomies: what does the patient value the most?

British Association of Spine surgeons (BASS) Annual congress, Bath, UK 2015

5. Walsh M, Craxford S, **Shafafy M**

Changing Antibiotics For Posterior Spinal Surgery: Are We Putting Our Patients At Risk?

Annual congress of European Federation of National Associations of Orthopaedics and Traumatology (EFFORT), London, UK 2014

6. Craxford S, Gale M, Stokes o, **Shafafy M**

Improving the quality of lateral whole-spine radiographs used in spinal deformity surgery

Britspine, Warwickshire, Uk 2014

7. Walsh M, Craxford S, **Shafafy M**

Changing Antibiotics For Posterior Spinal Surgery: Are We Putting Our Patients At Risk?

Britspine, Warwickshire, Uk, 2014

8. Nohjer-Bastami H, Martini C, Arealis G, Shafafy M, Quaraishi N, Mehdian H

Incidence of the level /side of Lumbar Disc herniation and complications: Is there a difference between Consultants and their trainees?

Annual Meeting of the Spinal Society of Europe(Eurospine) Liverpool, Uk 2013

PRESENTATIONS(continued)

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

Access-Related Complications in Anterior Lumbar Surgery Performed by Spinal Surgeons
North American Spine Society (NASS), Dallas, USA 2012

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

Access-Related Complications in Anterior Lumbar Surgery Performed by Spinal Surgeons
SPINE WEEK, Annual Meeting of the ISSLS, SSE, E-CSRS, NASS, Amsterdam, Holland 2012

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

Access-Related Complications in Anterior Lumbar Surgery Performed by Spinal Surgeons
Britspine, Newcastle, 2012

12.A Pal, M Ullah, M A König, **M Shafafy**

The importance of MRI in assessing traumatic cervical facet joint dislocations.

Future Orthopaedic Surgeons Conference at the Royal Society of Medicine, London 2010

13. Chinwalla. F, Farooq. N, **Shafafy. M**, Freeman. BJ

Digital vs Printed Radiography of Scoliosis

Annual Meeting of the British Scoliosis Society (BSS), London, UK Sep 2008

14. **Shafafy. M**, Singh. P, Fairbank. JCT, Wilson-MacDonald. J

Primary Non-Tuberculous Haematogenous Spinal Infections; A ten-year experience.

SPINE WEEK, Annual Meeting of the ISSLS, SSE, E-CSRS, NASS, Geneva May 2008

15. Chinwalla. F, **Shafafy. M**, Nagaria. J, Grevitt. MP

Lumbar Spine Decompression in the Elderly: Too Much, Too Late? A Comparison Of Outcomes & Complications

SPINE WEEK, Annual Meeting of the ISSLS, SSE, E-CSRS, NASS, Geneva May 2008)

16. **Shafafy. M**, Singh. P, Fairbank. JCT, Wilson-MacDonald. J

Primary Non-Tuberculous Haematogenous Spinal Infections; Management and outcome.(A ten-year experience)

Annual Meeting of the British Association of Orthopaedic Surgeons (BOA), Manchester, UK 2008

17. Chinwalla. F, **Shafafy. M**, Nagaria. J, Grevitt. MP

Lumbar Spine Decompression in the Elderly: Too Much, Too Late? A Comparison Of Outcomes & Complications

Annual Meeting of the British Association of Orthopaedic Surgeons (BOA), Manchester, UK 2008

PRESENTATIONS(continued)

18. **Shafafy. M**, Grevitt MP, Webb JK.

High-grade spondylolisthesis; gradual reduction using Magerl external fixateur followed by circumferential fusion. (A safe and effective technique).

Annual Meeting of the International Scoliosis Research Society (SRS) Meeting, Edinburgh, UK 2008

19. **Shafafy. M**, Nagaria. J, Grevitt. MP, Webb JK

High-grade spondylolisthesis; gradual reduction using Magerl external fixateur followed by circumferential fusion. (A safe and effective technique).

Annual Meeting of the Spinal Society of Europe (Eurospine), Brussels, Belgium 2007

20. Nagaria. J, **Shafafy. M**, Grevitt. MP, Webb JK

High-grade spondylolisthesis; gradual reduction using Magerl external fixateur followed by circumferential fusion. (A safe and effective technique).

(Annual Meeting of the Irish Neurological Association, Belfast, May 2007

21. Chinwalla. F, **Shafafy. M**, Nagaria. J, Grevitt. MP

Lumbar Spine Decompression in the Elderly: Too Much, Too Late? A Comparison Of Outcomes & Complications

(Annual Meeting of the Spinal Society of Europe, Brussels, Sep 2007)

22. **Shafafy. M**, Singh. P, Fairbank. JCT, Wilson-MacDonald. J

Primary Haematogenous Spinal Infection. : Financial Impact of

Home Intravenous Antibiotic Service (HIAS).

Annual congress of European Federation of National Associations of Orthopaedics and Traumatology (EFFORT), Florence, Italy, April 2007

23. **Shafafy. M**, Singh. P, Fairbank. JCT, Wilson-MacDonald. J

Primary Non-Tuberculous Haematogenous Spinal Infections; Presentation, Investigation and Management. A ten-year experience.

Annual General Meeting of the British Association of Spinal Surgeons (BASS), Middlesbrough, UK 2007

24. **Shafafy. M**, Singh. P, Fairbank. JCT, Wilson-MacDonald. J

Functional Outcome after Primary Haematogenous Spinal Infection.

Annual General Meeting of the British Association of Spinal Surgeons (BASS), Middlesbrough, UK 2007

PRESENTATIONS(continued)

25. **Shafafy. M**, Nagaria. J, Judd. S, Grevitt. MP

Spondyloptosis & Major Olisthesis: Staged Reduction Using the Magerl Fixateur

Externe

*Annual General Meeting of the British Association of Spinal Surgeons (BASS), Middlesbrough, UK
2007*

26. Chinwalla. F, **Shafafy. M**, Nagaria. J, Grevitt. MP

Lumbar Spine Decompression in the Elderly: Too Much, Too Late? A Comparison Of Outcomes & Complications

*Annual General Meeting of the British Association of Spinal Surgeons (BASS), Middlesbrough, UK
2007*

27. Shoakazemi. A, **Shafafy. M**, Mehdian. SMH

Results of coccygectomy in patients with traumatic coccydynia

*Annual General Meeting of the British Association of Spinal Surgeons (BASS), Middlesbrough, UK
2007*

28. Samandouras. G, **Shafafy. M**, Sepahi. AN, Hamlyn. PJ

Early results of intradiscal cage system with integrated plate in surgery for degenerative cervical spine disease.

Annual meeting of the Society of British Neurological surgeons (SBNS), Corke, Ireland, 1999