

# Curriculum Vitae of Sam Singh MA MRCS FRCS (Orth)

## Consultant Orthopaedic Foot and Ankle Surgeon

Guy's and St Thomas' NHS Trust, London

### PROFILE

**Tertiary specialist** in disorders of the Foot and Ankle at a Guy's and St Thomas' NHS Foundation trust.

After completing my studies at **Cambridge University** and Orthopaedic training in London, I undertook further sub specialist training in Foot and Ankle Surgery at **Harvard University**.

I offer all the latest techniques for treating complex conditions such as:

- Ankle arthroscopy, ligament reconstruction, microfracture surgery for cartilage damage
- Hallux valgus/ Foot reconstruction with SCARF and Weil osteotomy
- Complex Hindfoot Arthritis/ Deformity surgery
- Diabetic and Neurological feet
- Complex Trauma such as Pilon, Revision Ankle fixation, calcaneal and talar fractures using the latest techniques with locking plates and fixators

### ACADEMIC QUALIFICATIONS

2005	Fellowship Foot Ankle Surgery	<b>Harvard University</b>
2004	FRCS (Trauma and Orthopaedics)	
1999	MRCS	
1992-95	MBBS	<b>Guy's Hospital (UMDS)</b>
1989-92	MA	<b>Cambridge University, Pembroke College</b>

### PERMANENT APPOINTMENT

- Consultant Orthopaedic and Trauma Surgeon, **GUY'S AND ST THOMAS'** NHS Foundation Trust
- Sub-specialist in Foot and Ankle Surgery serving the whole of Southeast London and Kent.

### SKILLS AND ACHIEVEMENTS

#### Orthopaedic and Trauma Surgery

- I rise to the challenge of managing local and tertiary trauma and fractures
- Special Interest in Bunions, ankle arthritis, tendon disorders and ankle Sports Injuries.
- On the surgical training committee for SE Thames

#### Clinical Audit and Research

- Research interests include hallux valgus, fibula sparing ankle fusion, foot and ankle trauma and surgical consent
- Skilled in writing narrative or scientific articles. I publish articles on a regular basis.
- As an effective communicator and research team leader I encourage others to also develop an interest in audit and research

### **Teaching/ Lecturing**

- Anatomy demonstrator, St Thomas' MRCS course, Brighton Basic Foot skills course, Harvard Resident Core Knowledge Program.
- Lectured at several international meetings
- Regional tutor in Foot and Ankle Surgery.

### **PREVIOUS EMPLOYMENT**

8/04- 8/05 **The Harvard Foot and Ankle Fellow**, Brigham and Women's Hospital, Boston, USA.

Programme directors: Dr Michael Wilson, Dr Chris Chiodo.

- I had full operating privileges and performed /assisted in over 500 foot and ankle operations on this 1-year fellowship.
- Published and presented several peer reviewed papers.
- We were a multidisciplinary team of two consultants, a resident, a podiatrist and a physician's assistant. I appreciate and understand the dynamics involved when such a team provides foot and ankle care at a tertiary level.

10/99- 10/05 **South East Thames Orthopaedic Specialist Registrar rotation**

- Rotating appointments at Bromley Hospitals NHS Trust Mayday University Hospital Kings College Hospital East Kent NHS Trust. Queen Mary's Hospital, Sidcup.

8/96- 10/99 **Basic Surgical SHO Rotation, Anatomy Demonstrator, House Physician/Surgeon**

## I PUBLICATIONS IN PEER REVIEWED JOURNALS

### A) ORIGINAL AND REVIEW ARTICLES

#### FOOT AND ANKLE

1. Sharma P, **Singh SK**, Rao S. Is there a role for surgical decompression in stage I tibialis posterior tendon dysfunction? *The Foot*. 2003;13:1-4
2. Bombireddy R, **Singh SK**, Sharma P, Rajan D, Rowntree M. Long term follow up of Silastic Joint Replacement of the first Metatarsophalangeal joint. *The Foot* 2003;13:151-155
3. Manjure S, **Singh SK**, Koka R, Rajan N, J D'Arcy. Wilson's Osteotomy for Hallux Valgus: A review of 102 cases. *The Foot* 2003;13:140-142
4. **Singh SK**, Jayasakera N, Nazir S, Kashif F. Use of a Polydioxone (PDS) suture to stabilize the chevron osteotomy: A review of 30 cases. *J. Foot Ankle Surg* 2004;43(5):306-310
5. Naidu V, **Singh SK**. Cerclage wire fixation of navicular body fractures -- a treatment based on mechanism of injury. *Foot Ankle Int*. 2005; 26(3):267-9.
6. **Singh SK**, Chiodo CP. The Ludloff Osteotomy for Correction of Moderate to Severe Hallux Valgus. *Techniques in Foot & Ankle Surgery*. 2005; 4(2):79-84.
7. **Singh SK**, Ioli J, Chiodo CP. The surgical treatment of Morton's neuroma *Current Orthopaedics*. 2005; 19(5): 379-384
8. Lecomte A, **Singh SK**, Fitzgerald B, Weissman S. The radiology of small joint replacement. *Accepted for publication in Clinics in Musculoskeletal radiology, September 2005*
9. **Singh SK**, Wilson MG, Chiodo CP. The surgical treatment of tarsal tunnel syndrome. *The Foot*, 2005; 15(4): 212-216
10. **Singh SK**, Wilson MG. A Double Plate Technique for the Management of Difficult Fibula Fractures. *Techniques in Foot & Ankle Surgery*. 2005;4(4); 235-239
11. Edwards MR, Jack C, **Singh SK**. Tibialis Posterior Dysfunction. *Current Orthopaedics*. 2008;22:187-192.
12. Pathmanaban O, Singh R, **Singh SK**, Wilson MG. Below Knee Amputation: An Anterior Drawer Simplifies Development of the Posterior Flap. *Foot Ankle International*. 2007.
13. Edwards MR, Southgate C, Jack C, **Singh SK**. Surgery for the treatment of Tibialis Posterior Dysfunction. *Int. J. Clin. Rheum*. 2009;4(2):p161-70
14. Atrey A, Corbett SA, Gibb PA, **Singh SK**, Jähnich H. Interactive Computer Operative Notes for Arthroscopy of Joints: A Free and Accurate Tool for Surgeons. *Arthroscopy: The Journal of Arthroscopic and Related Surgery, Vol 26, No 6 (June), 2010: pp 853-860*
15. Edwards M, Jack C, Jones G, **Singh SK**. Post-operative stress fractures complicating surgery for painful forefoot conditions. *The Foot* 2010;p49-51
16. Jack C, Jones G, Edwards M, **Singh SK**. A case report of three peripheral schwannomas attached to the Achilles paratenon. *The Foot* 2010:p78-80

#### GENERAL ORTHOPAEDICS AND MANAGEMENT RELATED

17. **Singh SK**, Sharma P. Contract supply of orthopaedic sterile equipment: a two year audit. *J Clin*.

*Excellence* 2002;4:251-3

18. Sharma P, Arya A, **Singh SK**. Informed Consent for Orthopaedic Surgery: A prospective audit. *Br. J. Clin. Governance* 2003;8(3):236-241
19. Shetty A, Sharma P, **Singh SK**, Kumar SV, Rand C. Bulk femoral head autografting in uncemented total hip arthroplasty for acetabular dysplasia: Results at eight to eleven years follow up. *J. Arthroplasty* 2004;19(6):706-713
20. **Singh SK**, Manjure S, Stott P, Iversen A, Williams CW. Is bone profile predictive of Vitamin D deficiency in elderly patients with a fracture of the proximal femur? *J. Orth. Surg.* 2004;12(1):31-34
21. **Singh SK**, Jack C, Lewis S, Yanni DH. Day case subacromial decompression: A feasibility study. *J. One-day Surg.* 2005;15(1):22-23
22. **Singh SK**, El-Gendy K, Chikkamuniyappa C, Houshian S. The retrograde nail for distal femoral fractures in the elderly: High failure rate of the condyle screw and nut. *Injury* 2006;37(10):1004-1010

### **BOOK CHAPTERS**

1. The Bones joints and soft tissues of the lower limb. Browse's Introduction to the Investigation and Management of Surgical Disease, Eds Browse, Burnand, Corbett et al. Hodder Arnold, 2010
2. Distal Chevron Osteotomy, p3488-91, Operative Techniques in Orthopaedic Surgery, Lippincott 2010
3. Akin Osteotomy, p3512-15, Operative Techniques in Orthopaedic Surgery, Lippincott 2010
4. Scarf Osteotomy, p3515-21, Operative Techniques in Orthopaedic Surgery, Lippincott 2010
5. Closing wedge proximal osteotomy, p3553-59, Operative Techniques in Orthopaedic Surgery, Lippincott 2010

### **CASE REPORTS**

1. **Singh SK**, Nagesh HV, Lock M. The novel use of a 'DHS type drape' in spinal surgery. *Ann Royal College Surg* 2003;85(2):130
2. Bhargava A, **Singh SK**, Shrivastava R. Giant synovial cysts of the hip joint: An important but rare differential diagnosis of an inguinal swelling. *Hip Int.* 2004;14:51-54

### **LETTERS, ABSTRACTS AND NARRATIVES**

1. Ryan J, **Singh SK**, Edwards S, Bryant G, Staniforth P. Fast tracking patients with a proximal femoral fracture- More than a broken bone. *J. Acc. Emerg. Med.* 2000;17(1):76
2. **Singh SK**, Bombireddy R, El Kadafi M, Mani GV. Cheilectomy or Silastic Joint replacement for Hallux Rigidus ? The DGH perspective. *J Bone Joint Surg Br.* 2001; 83:337 supp III
3. Manjure S, **Singh SK**, Stott P. Plasma Vitamin D concentrations in 43 consecutive cases of acute fracture of the proximal femur. *J Bone Joint Surg Br* 2003;85:102 (supp II)
4. Sharma P, **Singh SK**, Rao S. Is there a role for surgical decompression in stage I tibialis posterior tendon dysfunction? *J Bone Joint Surg Br* 2003; 85:128 (supp II)

5. Ryan J, **Singh SK**. Why do patients get slow tracked to arthroscopy after an acute knee injury. *J Acc Emerg. Med* 1998 15:6 p405-6
6. Deo H, Housden P, **Singh SK**, Ricketts D. Early complications of Birmingham Hip Resurfacing. *J Bone Joint Surg Br* 2003; 85:158 (supp II)
7. **Singh SK**, Bombireddy P, Sharma P, Rowntree M. Long-term results of Silastic implant arthroplasty of the first metatarsophalangeal joint. *J Bone Joint Surg Br* 2004;86-B:Supp III;326
8. **Singh SK**. Working on a different 'footing'. *Harvard Orthopaedic Journal*, October 2005,
9. McLean C, Mushtaq N, Tibrewal S, Rattan J, Subramanian S, **Singh SK**. Percutaneous screw fixation for calcaneal fractures – An abstract, *Medicina Sportiva Bohemia & Slovaca*, 16:3,A129,2007.

### III PRESENTATIONS

#### INTERNATIONAL/ NATIONAL ORAL PRESENTATIONS

1. The use of SPECT-CT in the evaluation of continuing pain following foot and ankle arthrodesis. 12th Meeting of Combined Orthopaedic Associations (COMOC) September 2010 Glasgow, Scotland.
2. The Surgical Treatment of Superficial Peroneal Nerve Neuromas. 8th EFAS Congress, September 2010, Geneva, Switzerland
3. The importance of getting coding right in foot and ankle surgery. An audit of current practice in our unit. BOFAS, Old Windsor 2009
4. A new medial based closing wedge osteotomy for the treatment of Hallux Valgus. To be presented at American Orthopedic Foot and Ankle Society, Summer Meeting, July 15<sup>th</sup> 2005, Boston, USA
5. Intermediate-term outcome of fibula sparing ankle fusion. American Orthopedic Foot and Ankle Society, Summer Meeting, Boston, USA, July 2005
6. Is arthroscopic subacromial decompression of the shoulder suitable for the day surgical unit? British Association of Day Surgery, Norwich, June 2004
7. Bulk femoral head autografting in uncemented total hip arthroplasty for acetabular dysplasia: Results at eight to eleven years follow up. 2<sup>nd</sup> Annual JRI users meeting, Tunbridge Wells, May 2004
8. Long term follow up of Silastic Joint Replacement of the first Metatarsophalangeal joint. EFORT, Helsinki, June 2003
9. The short-term complications of 70 hip resurfacings- lessons to be learnt. BOA Annual Congress, Cardiff, September 2002
10. Outcome of surgical decompression in stage I tibialis posterior tendon dysfunction. International Federation of Foot and Ankle Societies, San Francisco, September 2002
11. Decompression of the tibialis posterior tendon- a retrospective study of 7 cases with grade 1 changes. British Foot Society meeting, Canterbury, October 2001
12. Are patients with a fracture of the proximal femur deficient in Vitamin D? A prospective study of 43 cases. BOA Annual Congress, Birmingham, September 2001
13. Early Complications of the Birmingham hip in East Kent. Birmingham hip users meeting,

Birmingham, September 2001

14. Cheilectomy or Silastic Joint replacement for Hallux Rigidus ? The DGH perspective. British Foot Society meeting, Sheffield, Nov 2000
15. Moving onto best consent- an audit on Attitudes and opinions of House Officers on issues of consent. National Health Management Conference, Birmingham, June 1999
16. Why do patients get slow tracked to arthroscopy after an acute knee injury? Joint conference of the American Society of Academic Emergency Medicine and British Faculty of Accident and Emergency Medicine, Oxford, September 1998

## **POSTER PRESENTATIONS**

1. Use of a simple suture to stabilise the chevron osteotomy: An option in the diabetic foot. British Orthopaedic Foot Society Meeting, Cheshire, 2004
2. Synovial cysts of the hip joint. BOA, Cardiff, 2002
3. Informed Consent for Orthopaedic Surgery: A prospective audit. BOA, Cardiff, 2002
4. Long term follow up of Silastic Joint Replacement of the first Metatarsophalangeal joint. British Orthopaedic Foot Society, Wirral, 2002
5. Pyoderma Gangrenosum- A rare differential of an infected hip wound. EFORT, Helsinki, 2003
6. Wilson's osteotomy for Hallux Valgus. EFORT, Helsinki, 2003
7. Skeletal TB: A 3-year Experience in an inner London hospital. EFFORT, Lisbon, 2005.
8. Hip fractures sustained by amputees with neglected prostheses, 9th European Trauma Congress in Budapest.
9. McLean C, Mushtaq N, Tibrewal S, Rattan J, Subramanian S, Singh S. Percutaneous screw fixation for calcaneal fractures – An abstract, *Medicina Sportiva Bohemia & Slovaca*, 16:3, A129, 2007.
10. The use of SPECT-CT in the evaluation of the continuing pain following foot and ankle arthrodesis. Hamilton PD, Zaw H, Klinker M, Jones I, Singh S, Mohan H. BOFAS, Old Windsor 2009
11. The Surgical Treatment of Superficial Peroneal Nerve Neuromas. Zaw H, Hamilton PD, Jones I, Singh S. BOFAS, Old Windsor 2009

## **REGIONAL MEETINGS**

- Several oral presentations at South East Thames regional meetings on various topics including:
  - Diagnosis Treatment Centres
  - A mini-approach to the hip
  - Day case surgery
  - Cheilectomy for Hallux Rigidus
- Lectured to other registrars on topics like SUFE, Hip resurfacing, Compartment Syndrome, Foot and Ankle Fusions and humeral fractures.

## **MSc THESIS**

Title: The Long-term Outcome of Fibula Sparing Ankle Fusion

### **III PRIZES, PERSONAL**

#### **PRIZES**

1994: Irvine Prize for Medicine

1998: First place, Surgical Rotation audit prize

### **IV EDITORIAL WORK**

On reviewer panel for the International Journal Clinical Practice

#### **PERSONAL**

Married with two children, Eesha and Nikhil