# Curriculum vitae Mr. Shaishav Bhagat F.R.C.S. (T&O)

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Mr. Shaishav Bhagat, GMC Full registration No: 6049738.

#### **Qualifications:**

M.B.B.S. (Ahmedabad, 1997),

M.S. (Master of Surgery) Orthopaedics

MRCS Intercollegiate (Edinburgh 2005)

FRCS (T&O) (Edinburgh, 2010)

Diplomate of European spine foundation (Budapest, 2011)

#### **Current NHS Post:**

# **Consultant Spinal Surgeon**

East Suffolk and North Essex NHS foundation trust (ESNEFT)

# **Private practice locations:**

Nuffield health hospital, Ipswich

Oaks Hospital, Colchester

Springfield Hospital, Chelmsford

St. Edmunds Hospital, Bury St. Edmunds

# **Professional memberships:**

British Association of Spinal Surgeons

Royal College of Surgeons of Edinburgh

**British Medical Association** 

# **Reporting to:**

British Spine registry

**PHIN** 

#### Founder and Chairman:

Spinal Care Foundation (Charity commission UK, 1172394)

# Medicolegal work:

My specialty is Orthopaedics and Trauma with a special interest in spinal surgery. My clinical experience extends over 25 years. I am an Expert Witness with Bond Solon training. I am instructed by Claimants and Defendants on cases of personal injury and clinical negligence.

Excellence in report writing	08/12/2014
Civil Law and Procedure - England & Wales - Day 1	14/05/2020
Civil Law and Procedure - England & Wales - Day 2	15/05/2020
Courtroom Skills - England & Wales	08/11/2022
Cross Examination Day - England & Wales	08/03/2023
Expert Witness Conference	03/11/2023

I have been a medicolegal expert for 11 years and my ratio relating to reports are (PI 50%, Clinical Negligence 30% and Serious/Catastrophic Injury 20%). I have undertaken over 1000 cases for both Claimant and Defendant instructions. I am experienced in spinal conditions relating to:

# Cases relating to Clinical Negligence:

- Cervical and lumbar degenerative conditions
- Adult spinal deformity (Scoliosis, Spondylolisthesis, Spondylosis and Kyphosis)
- Full range of discectomies, microsurgery and decompressions
- Disc replacements
- Disc extrusion/prolapse/herniation
- Lumbar, cervical and thoracic fusions
- Fusionless stabilisation
- Injections (nerve root blocks, facet injections, caudal epidurals)
- Spinal infection
- Spinal tumours
- Kyphoplasty, Vertebroplasty
- Nerve root compression/irritation
- Foot numbness/foot drop

#### Cases relating to personal injury:

- Whiplash related injury (soft tissue injury)
- Accident at work (crush injury (back/leg/neck)/strain)) repetitive stress injury
- Pain relating to:
  - Back, neck, arm(s)
  - Chronic pain
  - Radicular pain
  - Complex spinal pain
  - Coccygeal pain
- Sciatica, Degenerative disc disease

# Clinical Appointments: Higher Surgical training: Spinal Fellowships/senior registrar:(2010-2012)

Sept 2012-13 Spinal fellowship, Norfolk and Norwich University Hospital

May-Aug 2012: Spinal fellowship, Addenbrookes Hospital, Cambridge

Aug 2011-Apr 2012: Norfolk and Norwich University Hospital

Sept 2010-Aug 2011: Spinal fellowship, University Hospital of Wales, Cardiff

# Specialist Registrar T&O: (2006-2010)

Oct 2008- Sept 2010: Specialist Registrar, Kettering General Hospital

Jan 2008-Sept 2008: LAT Specialist Registrar, Worthing and Southlands Hospital Aug 2006-

Jan 2008: Specialist Registrar, Kettering General Hospital

Jan 2006- Feb 2006: Specialist registrar, Wishaw General Hospital, Lanarkshire

#### **Basic Surgical Training: (2003-2006)**

Feb 2006: SHO, Neurosurgery, Southern General Hospital, Glasgow Aug 2005- Jan 2006: SHO, Plastic Surgery and St.Thomas' Hospital, London Aug 2004- Aug 2005: SHO, T&O, Norfolk and Norwich University Hospital

Aug 2003- Aug 2004: SHO,T&O, Wishaw General Hospital, Lanarkshire

# Posts held outside UK: (1997-2003)

Assistant Professor in Orthopaedics Junior lecturer (Senior Registrar equivalent) Dec 2003-Aug 2003 Civil Hospital, B.J.Medical College, India

Travelling fellowship International Orthopaedic Fellowship March 2003- April 2003 St.Vincenz and Elisabeth Hospital, Germany

Orthopaedic Resident Orthopaedic Residency Programme July 1997- Dec 2000 Civil Hospital, B.J.Medical College, India

Clinical Internship Houseman (Foundation years equivalent) July 1996- June 1997 Civil Hospital, B.J.Medical College, India.

Medical student B. J.Medical College, Gujarat University, August 1991-96 Ahmedabad, India.

# **Academic profile**

#### **Book Chapter contribution**

# **Trauma Management in Orthopaedics**

Iyer, K.Mohan (Ed), 2013, VI, 102 p. 88 illus., 2 in color. ISBN 978-1-4471-4461-8, Due: November 30, 2012

#### Chapter 1: Principles of fractures and polytrauma management.

#### **Chapter 15: Fractres of the foot and toes**

#### Peer reviewed publications:

# **Spinal surgery relevant Publications:**

Pereira P, **Bhagat S**, Hong JY, Vanhauwaert D, de la Dehesa P. Anterolateral versus posterior minimally invasive lumbar interbody fusion surgery for spondylolisthesis: comparison of outcomes from a global multicenter study at 12-months follow-up. Spine J. 2023 Oct;23(10): 1494-1505.

Thomson S, Chawla R, Love-Jones S, Sharma M, Vajramani G, Williams A, Eldabe S; **ReActiv8 PMCF Investigators.** Restorative Neurostimulation for Chronic Mechanical Low Back Pain: Results from a Prospective Multi-centre Longitudinal Cohort. Pain Ther. 2021 Dec; 10(2):1451-1465. doi: 10.1007/s40122-021-00307-3. Epub 2021 Sep 3. PMID: 34478115; PMCID: PMC8586272.

Bhagat S, Durst AZ, Rai AS. Simultaneous anterior vertebral column resection distraction and posterior rod contouring for restoration of sagittal balance: report of a technique. J Spine Surg. 2016 Sep;2(3):210-215

S Bhagat, A Durst, H Grover, J Blake, L Lutchman, Am Rai, R Crawford: An evaluation of multimodal spinal cord monitoring in scoliosis surgery: a single centre experience of 354 operations. Eur Spine J. 2015 Jul;24(7):1399-407

Bhagat S, Vozar V, Lutchman L, Crawford R, Rai AS. Morbidity and mortality in adult spinal deformity surgery: Norwich Spinal Unit experience. Eur Spine J (2013) 22 (Suppl 1):S42–S46.

K wong, S Bhagat, J Clibbon, AS Rai. "Globus symptoms": A rare case of giant osteochondroma of the axis treated with high cervical extra-pharangeal approach. Global Spine J 2013; 03(02): 115-118.

S Bhagat, C Mathieson, R Jandhyala, R Johnston. Spondylodiscitis (Disc space infections) associated with negative microbiological tests: Comparison of outcome of suspected disc space infections to documented non-tuberculous pyogenic discitis. British Journal of Neurosurgery, 2007, Jul 30;1-5.

- S Bhagat, J Brown, R Johnston. Remodeling potential of paediatric cervical spine following type II odontoid peg fracture. British Journal of Neurosurgery. Volume 20 Issue 6, pp.426-pp. 428.
- F. Brooks, S.Lau, E Baddour, P Rao, S Bhagat, S Ahuja. Thromboprophylaxis in Spinal Surgery- Current UK Practice. J Spine 2012, 1:4.
- S Bhagat, H Sharma, J Graham, A T Reece. Current concepts in the management of renal osseous metastases. Orthopaedics and Trauma; volume 24, issue 5, 363-368.

Bhagat, Shaishav, Imagery section: Spine 37(13): I, 01 June 2012 "Springs reaching the sky", Mammoth springs at the Yellowstone Park

# **Orthopaedic surgery relevant publications:**

Bryson D, Uzoigwe CE, Bhagat SB, Menon DK. Complete bony coalition of the talus and navicular: decades of discomfort. BMJ Case Rep. 2011 Jun 15; 2011.

S Bhagat, M Bansal, P Amin, J Pandit. Wide excision and ulno-carpal arthrodesis for primary aggressive and recurrent giant cell tumours. Int Orthop. 2007 Jul 21.

H Sharma, S Bhagat; J De Leeuw; F Denolf. Does augmentation of internal compression screw fixation using a semi-tubular plate shorten time to clinical and radiologic fusion of the first metatarsophalangeal joint (MTPJ)? J Foot Ankle Surg. 2008 Jan-Feb; 47(1): 2-7.

S Bhagat, H Sharma, M Bansal, R Reid. Presentation and outcome of the primary tumours of patella. J Knee Surg. 2008 Jul;21(3):212-6.

S Bhagat, H Sharma, D Pillai, R Reid. Prognostic variables affecting survival of pelvic ewing sarcomas: The Scottish Bone Tumour Registry Experience.

J Orthop Surg (Hong Kong). 2008 Dec;16(3):333-8.

M Bansal, S Bhagat, D Shukla. Bovine Cancellous Xenograft in the treatment of tibial plateau fractures in elderly patients. Int Orthop. 2009 Jun;33(3):779-84. Epub 2008 Mar 27.

H Sharma, S Bhagat, J McCaul, M Naik. Intramedullary nailing of pathological femoral fractures. Does the duration of surgery affect the final outcome in imminent versus established pathological fractures? J Orthop Surg (Hong Kong) 2007 Dec; 15(3):291-4.

H Sharma, S Bhagat, Wj Gaine. Reducing diagnostic errors in musculoskeletal trauma by reviewing non-admission orthopaedic Referrals in the next day trauma meeting. Ann R Coll Surg Engl, Volume 89, Number 7, October 2007,692-695(4).

S Bhagat, M Bansal, P Amin, JP Pandit. A rare case of progressive bilateral congenital abduction contracture with shoulder dislocations treated with proximal deltoid release. Archives of Orthopaedic and Trauma Surgery 2007 Feb 7.

S Bhagat, M Naik, P Amin, J Pandit. Severe bilateral rachitic genu valgum secondary to Ichthyosiform erythroderma: A report of two cases and review of literature. Journal of Pediatric Orthopedics B. 2007 Nov; 16(6): 423-8.

R Jandhyala, A Wilson, S Bhagat, J Lavelle. An Unusual Cause of Locking. Knee surgery, sports traumatology, arthroscopy 2007 May;15(5):682-4.

Sharma H, S Bhagat, Naik M. A case of delayed dropped foot secondary to posttraumatic fibular bone spur. Euro J Orthop Surg Traumatol December 2004; 14(4): 252-254.

Posterolateral dislocation of the elbow with concomitant fracture of the lateral humeral condyle in a five years old child. SICOT online report E058, 12/5/04.

# **Spinal Surgery relevant presentations and posters:**

Budd H, Wood R, Sharp D, Powell J, Bhagat S. Spinal surgery procedure specific Consent: an overdue evolution of the consent process. Britspine 2014.

Bhagat S, Wong K, AS Rai. Simultaneous anterior vertebral column resection distraction and posterior rod contouring for correction of severe sagittal imbalance. British Scoliosis Society meeting, Southampton, October 2012.

S Bhagat, V Vozar, L Lutchman, A Rai, R Crawford. Morbidity and mortality of adult spinal deformity surgery. Britspine 2012, Newcastle, UK

S Lau, S Bhagat, E Baddour, S Ahuja. The 2008 recommended standards of care for patients with spinal deformity- A national audit of UK Spinal deformity centres.

S Bhagat, S Lau, S Singh, S James, A Jones, J Howes, PR Davies, S Ahuja. Paediatric growing rod system in scoliosis: Cardiff Spinal Unit experience.

Guha AR, Khurana A, Bhagat S, Pugh S, Jones A, Davies PR, Ahuja S Evaluation of blood conservation measures in adult scoliosis surgery.

N Jenkins, S Bhagat, J Broadfoot, S james, S Ahuja. Comparative analysis of Aprotinin with Tranexamic acid for blood conservation in scoliosis surgery.

S Bhagat, S Lau, DA Jones, S James, PR Davies. Fusion rate following posterior pedicle screw correction in adolescent idiopathic scoliosis with Grafton DBM Matrix strips combined with allografts. NSDS/BSS Combined meeting, Riga, Latvia. (2011)

S Bhagat, S Lau, S Ahuja. DVT prophylaxis in spine surgery: A survey of current practices in United Kingdom. BASS 2011, Edinburgh.

Minimally invasive posterior percutaneous pedicle screw stabilization of thoracolumbar fractures: Early results from single centre. East anglian spine meeting, 2013.

Selective nerve root blocks (SNRB) and epidural injections: Do they help predict the outcome of lumbar discectomy? Britspine 2012, Newcastle, UK

S Bhagat, D Pillai, J V Modi, H Bhalodiya. Comparison of cervical threaded fusion cages to anterior cervical decompression and fusion (ACDF) using autograft for a single level cervical disc disease from C3 to C7. EFFORT 2007, Italy.

Non-tuberculous disc space infections in the West of Scotland: Incidence, management and outcome of patients treated at a tertiary level spinal unit with special emphasis on nonsurgical management. Southern General Hospital, Neurosurgery, Glasgow. EFORT 2007.

Aggressive multiloculated thoracic actinomycosis complicated by vertebral osteomyelitis, circumferential epidural abscess and delayed presentation with spinal cord compression. EFORT, 2007

Single stage posterior release and anterior instrumentation for large thoracic and thoracolumbar scoliosis: Early results of a motion preserving approach for adolescent idiopathic curves. Norfolk and Norwich university hospital. EFORT, 2007.

Results and outcome of operative management of primary and metastatic tumours of the cervical spine. Institute of Neurological sciences, SGH, Glasgow. EFORT, 2007.

Reconstruction of anterior vertebral column through a single stage posterior approach following vertebrectomy for thoracolumbar spinal metastases. Britspine, 2006.

#### **Orthopaedic surgery relevant presentations:**

S Bhagat, M Bansal, R L Barrington. Long term survivorship analysis of uncemented mobile bearing total articular condylar knee (TACK) prosthesis. East Midlands Orthopaedic Research meeting, 16/11/07, Boston.

S Bhagat, M Bansal B Shah. Ligament reconstruction and tendon interposition arthroplasty using flexor carpi radialis for first carpo-metacarpal joint arthritis: Results of a single surgeon series of 65 patients with a minimum 3 year follow up. EFORT 2007, Italy.

S Bhagat, APhadnis, CJV Mann. Saggital femoral component alignment in total hip arthroplasty: a prospective study comparing posterior and anterolateral approaches. EFFORT 2007, Italy.

S Bhagat, P Amin, J Pandit. Long term outcome of patients with distal radius giant cell tumours (GCT) with pathological fracture treated with wide local excision and ulno-carpal arthrodesis creating a single bone forearm. British Society for Surgery of Hand Meeting, 2006, London.

S Bhagat, R Jandhyala, A Greenbaum. Impact of expanded general anaesthetic day surgery trauma operating lists (DSU) on waiting times and inpatient operating in plastic surgery: British Trauma Society Meeting, 2006. Leeds.

S Bhagat, A Phadnis, D Larson, P Chapman. Pilon and intra-articular fractures of PIP joint. A review of 50 cases comparing different methods of treatment. British Trauma Society Meeting, October, 2006, Leeds.

S Bhagat, D Pillai, P AMin, J Pandit. Long term functional outcome of patients treated with quadriceps pedicled patella implantation (Merle d'Aubigne) for giant cell tumours in distal femur. British Orthopaedic Oncology Meeting, 2006, Edinburgh. S Bhagat, H Bhalodiya.

Results of total hip arthroplasty after failed femoral osteotomy or internal fixation for fracture neck of femur. Indian orthopaedic association annual conference, 2001, India.

Bilateral metachronous Legg-Calve-Perthes disease (LCPD): Does previous hip involvement lead to early presentation and better outcome in the contralateral hip? British society for children's orthopaedic surgery, Newcastle, 2007.

Virtual Outreach: A pilot in the evaluation of reliability of telemedicine in obtaining remote consent for hand injuries in a plastic surgery unit over a video conference link. EFFORT 2007, Florence, Italy.

Pigmented villonodular synovitis of hip. British hip society, Leeds, 2007. Bilateral Madelung deformity in twins: Similarities and differences in clinical, radiological and genetic findings and treatment options. Norfolk and Norwich hospital, EFORT2007.

Resurfacing arthroplasty of hip using modified Hardinge direct lateral (transgluteal) approach in supine position. Ketterting general hospital. EFORT, 2007.

Intra-articular fractures of proximal interphalangeal joint: A review of 40 cases comparing different methods of fixation. Norfolk and Norwich hospital, Federation of European societies for surgery of hand., 28th-30th June, 2006. Glasgow.

Prognostic variables affecting survival of Pelvic Ewing's sarcoma. British Orthopaedic Oncology Meeting, 7th July, 2006, Edinburgh.

Re-displacement and need for remanipulation in the management of displaced Distal radius fractures in paediatric patients. British trauma society meeting, 2006.

# **Audit experience:**

**Enhanced recovery and day case lumbar discectomy:** An audit of patients that underwent lumbar discectomy using enhanced recovery technique to allow them to mobilise and discharge home the same day.

Pitfalls in ATLS protocol for application of hard cervical collar in patients with ankylosed cervical spine and unstable injury: A survey of trainees and issuing further guidelines regarding management of such patients to prevent neurological complications and mortality.

Impact of expanded general anaesthetic day surgery trauma (DSU) lists. Reduction in DSU waiting times, inpatient admissions and workload in main theatres in plastic surgery. Cost savings and training opportu-nites for junior doctors. (Audit Loop). ST.Thomas' hospital, London. Presented at British trauma society.

**Displacement and remanipulation for distal radius fractures in children.** A previous audit suggested higher displacement rate with suggestions regarding selection of patients for K-wire fixation. Subsequent audit showed reduction in the displacement rate. (Audit Loop). Wishaw hospital, Scotland. Presented at British trauma society, Leeds, 2006.

**Video conferencing in consenting hand injury patients.** Audit followed a successful pilot project. Suggestions were made to improve patient confidence, medicolegal compliance and overcome technical difficulties. South-East London hospitals. Presented at EFFORT 2007, Italy.

#### Served as a faculty on following courses:

- 1. Spinal approaches: Cadaveric lab based course
- 2. Minimally invasive spine surgery: Cadaveric lab based course
- 3. FRCS Orthopaedic courses.

# **Course participation:**

#### Minimally invasive Spine surgery

Lumbar interbody fusion course, Bordeaux, 2015 Navigated Spine surgical skills, Manchester University, 16-17/09/14

Balloon Kyphoplasty, Leiden, Netherlands, 22/11/13 MIS Spinal fusion, RCSEng, London, 29-30/11/12 Future leaders of spine, Warwick medical centre,11-12/10/12 MAST Degen Solutions, Frankfurt, German, 27-28/09/12

# Spine society meetings

BASS 2017, Manchester

Britspine 2016, Nottingham

Passionate about Spine, Hertfordshire, UK 24-26/06/13 BASS meeting 2013, Norwich

Britspine 2012, Newcastle, UK

East Anglia Spine society, three times a year

British scoliosis society, Riga, Latvia,12-14/05/11 Britspine 2010, Liverpool, UK, 28-30/04/10 Britspine, 2006, Cardiff, 26-28/04/06

#### Cadaveric courses

Lumbar interbody fusion Bordeaux, France,13-14/11/14 Cervical spine, Tubingen, Germany 21-22/03/12 Anterior Spinal approaches, Nottingham,11-12/06/12 Midas rex workshop, Geneva, Switzerland

# **Symposium**

AO spine (Trauma/ tumour), Sheffield, 28-29/09/11 The unstable spine, Cardiff Surgi-C Symposium, 19-20/05/11 Scoliosis Symposium, Cardiff Surgi-C Symposium, 20-21/01/11

# **Teaching Faculty**

Norwich FRCS Orthopaedic course

Cardiff Spine revision course for FRCS(Orth)/ (SN) Ipswich Spinal Approaches, Cambridge Cadaveric lab

#### **European Spine diploma modules:**

Completed in Budapest, Hungary 11-12/11/11 Module 1 and 2 Nottingham,14-17/04/11 Module 4 Lille, France, 27-28/05/11

Module 5 Barcelona, Spain, 23-24/09/11 Module 3 Budapest, Hungary 11-12/11/11

# **Teaching courses**

Training the trainer RCSEng, London, 2008

# **Management courses**

Management for Specialist registrars, University of Keele, 18-19/08/08

# **Bond Solon Medico-legal training:**

#### Research courses

Medical statistics Trent RDSU, Nottingham, 21-23/04/08 Research methods, Trent RDSU, Nottingham, 11-12/06/08 Orthopaedic surgery

Surgical Skills: Basic surgical skill course, Addenbrookes hospital, Cambridge, 17-19/03/04

#### **Trauma Management:**

ATLS , Cumbernauld infirmary, Carlisle, 21-23/04/04
Trauma Solutions, Wexham park trauma symposium, 18-19/04/08 ATLS Re-varification,
Royal college of surgeons England, 10/07/08 ATLS Re-varification, Coventry, 16/11/12

#### **Fracture Fixation:**

Evelina Paediatric trauma course, Guy's Hospital,14/11/12 Principles of fracture fixation, Leeds, AO foundation, 04-07/07/05 Upper limb fractures, Sheffield, 23-24/06/08 Locking plate symposium, Birmingham, 1-2/07/10

#### **Contact details:**

Website: www.suffolkandessexspine.co.uk

# **Private practise:**

Nuffield Hospital: Foxhall road, Ipswich, IP4 5SW

St.Edmunds Hospital: St Mary's Sq, Bury St Edmunds, Suffolk, IP33 2AA

Lynn Jones

Contact: 01473 279146,

Email: lynn.jones@nuffieldhealth.com

Oaks Hospital: 120, Mile end road, Mile end, Colchester, CO4 5XR

Springfield Hospital: Lawn lane, Springfield, Chelmsford, Essex, CM1 7GU

Secretary: Yvonne Kelly Contact: 07415163037

Email: yvonne.kelly7@nhs.net

# **Medicolegal Practice:**

Email: sbmedicolegal@gmail.com

Locations: Various locations in East Anglia and London

#### **NHS Practice:**

**Ipswich Hospital (ESNEFT)** 

Secretary: Nicola Green

Contact: 01473 702097

Shaishav.bhagat@esneft.nhs.uk