

CURRICULUM VITAE

MR VIVEK GULATI

**BA(hons) MA Cantab, MB BChir, MRCS, MRes, Dip IC, FRCS
(Tr&Orth)**

PERSONAL DETAILS

Gender	Male
Date of Birth	25 th August 1979
Nationality	British
Address	12 Letchford Gardens, Kensal Green, NW10 6AN
Telephone	07803902595
Email	vivek.gulati@nhs.net
GMC	6078916
Medical Defence Union	393538G

CURRENT POST

I work as a substantive Consultant 'Hip, Knee & Trauma' Orthopaedic Surgeon at three locations: ***Homerton Healthcare NHS Foundation Trust, The London Independent Hospital and The London Clinic, Marylebone.*** I am committed to delivering a comprehensive, accurate medico-legal report in a timely fashion. I usually achieve this within two weeks of seeing the claimant and can work more quickly as needed. We cover cases through London, Essex and The South East of England. I have carried out Bond Solon Medico-Legal training course and complete on average in excess of 100 reports per a year. I have been writing medico-legal reports since 2018 and my claimant: defendant ratio is 1:1. My medico-legal work is solely focused upon personal injury.

I studied medicine at The University of Cambridge which encompassed clinical training at Harvard University. I performed highly specialist orthopaedic hip/knee and trauma fellowships in Toronto, Canada. I also performed a fellowship at The Royal Bournemouth Hospital in hip/knee surgery; this is one of the highest volume centres in the UK. I have a high volume hip/knee elective practice and deal with the entire generality of trauma cases operatively and within fracture clinics.

QUALIFICATIONS

CCT
2015

London Deanery

FRCS (Trauma & Orthopaedics)
Surgeons, Edinburgh

Royal College of
2013

MRes (2012)
2012

Imperial College, London

Thesis 1 : “The kinetics of the Sit to Stand Task in patients with early medial compartment knee osteoarthritis; a case-control study”.

Thesis 2 : “Use of a novel integrated clothing sensor for the assessment of knee motion.

MRCS (UK)

2006

Part II

Part I

2005

MA (Cantab)
2004

University of Cambridge

MB BChir
2003

University of Cambridge

BA (Hons) & MA Cantab Physiology (University of Cambridge)

Thesis : “Role of cortisol in the regulation of pulmonary angiotensin-converting enzyme in late gestation in fetal pigs”.

STEP level

Distinction

Chemistry

Special Level	Chemistry
Distinction	

A Levels	4 As
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G.C.S.E	9 A*s
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ACADEMIC PRIZES AND AWARDS

Smith & Nephew ‘Richard Villar’ Hip Arthroscopy Award
2017

Honours for performance in general surgery at Harvard Medical School
2002

Rolleston Elective Prize
2002

Distinction Award in ‘Trauma & Orthopaedics’ Attachment,
Addenbrooke’s Hospital 2002

Distinction Award in ‘ENT’ Attachment, Addenbrooke’s Hospital
2002

Manchester Grammar School Chemistry and Biology Prize
1997,1996

National Mathematical Contest Gold Certificate
1996

ORTHOPAEDIC FELLOWSHIPS

Royal Bournemouth Hospital Hip Fellowship (Dec 15-Dec 16)

I was appointed as a Hip Fellow to Professor Robert Middleton, the highest volume hip arthroplasty surgeon on the National Joint Registry.

The fellowship provided high volume, high quality training in hip arthroplasty with particular emphasis on case by case structured decision-making, as

well as advancement of technical operative skills. The fellowship initially involved supervised operating with senior surgeons who concluded at the six

week interval, that I possessed the necessary expertise to independently perform primary hip arthroplasty.

In addition, I obtained good exposure to both revision hip arthroplasty and hip arthroscopy in terms of patient selection, operative planning and procedural skills.

The fellowship comprised leading both operative theatres and outpatient clinics. This enhanced my leadership qualities and refined my team building skills which will make me a better consultant and more effective communicator.

During the course of this fellowship, I was appointed a visiting fellow at Bournemouth University following my research work at the Orthopaedic Research Institute. I am currently carrying out a novel validation study of a pioneering knee replacement simulator.

The ‘Villar Bajwa’ Hip Arthroscopy Observership (November 16)

This provided first hand theatre experience of a broad range of hip arthroscopy procedures alongside an invaluable insight into patient selection.

St. Michael’s Hospital Toronto (Jan 17-March 17)

Through a highly competitive selection process, I was successful in obtaining a lower limb arthroplasty / trauma fellowship at this international centre of excellence. This fellowship provided me with invaluable exposure to revision hip surgery. There was great emphasis on surgical planning for these cases and the weekly ‘Arthroplasty Grand Rounds’ have provided a framework which I use throughout my elective practice.

Royal Bournemouth Hospital Knee Fellowship (March 17-August 17)

This fellowship consolidated and refined my skill at performing primary knee replacement and knee arthroscopy. The main purpose of the fellowship was to provide me with a solid grounding in identifying suitable patients for partial knee replacement surgery alongside acquiring full independent operative competence in performing this procedure.

RESEARCH

1. Research Musculoskeletal Gait Laboratory MRes Research Fellow at Charing Cross hospital, London

Masters of Research (MRes) degree which involved two laboratory based research projects. The first project investigated the kinetics of the sit-to-stand task in patients with early knee osteoarthritis (OA). The second project designed and subsequently evaluated the use of a novel integrated clothing sensor in the assessment of knee motion. In addition to a Masters degree and Diploma awarded from Imperial College, my research yielded several publications in high impact journals (including Gait & Posture and Sensors Journal IEEE). One of the most exciting findings of my research was the ability to continuously assess knee motion quantitatively. It is envisaged that such technology will allow objective assessment of patients post operatively within their home environments.

2. Generic research Skills

I have been able to independently pose a research question and devise a study which I have seen through to completion and publish in a peer-reviewed journal. My time in research has taught me how to effectively lead and manage a research team to achieve set goals. I am able to critically appraise clinical data and have reviewed multiple manuscripts having performed many systematic reviews as first author. I have also acquired significant IT skills and am proficient in the use of Microsoft Office, Excel and SPSS.

3. Clinical Trials Experience

Good clinical practice certificated sub-investigator for a randomised control trial which aims to compare the use of topical NSAIDs with a placebo topical gel in the treatment of patients with hip osteoarthritis. Within the trial we will also seek to obtain intra-operative tissue samples from patients at the time of hip replacement surgery, and assess NSAID concentrations within them to evaluate whether topical NSAIDs do penetrate the hip joint.

4. Fellowship Research

I undertook a validation study of a pioneering novel knee replacement simulator. I also led a systematic review on the use of anticoagulant and antiplatelet drugs in patients presenting with neck of femur fractures.

PRESENTATIONS

Perioperative Management of Fractured Neck of Femur Patients on Anti-Coagulant or Anti-thrombotic Medication.

Gulati V, Newman S, Uzoigwe C, Wainwright TW, Middleton RG.
18th EFORT Annual Congress, 31 May-2 June, 2017, Vienna.

Hyperextension injuries of the Knee; Do Patterns of Bone Bruising Correlate With Injury Severity?

Adam Ali, Janani Kumaraguru, **Vivek Gulati**, Benjamin Robertson, Charles Gibbons.

British Association For Surgery of the Knee, 30-31st March, 2016.

The seasonality of slipped upper femoral epiphysis – meta-analysis: a possible association with vitamin D.

Vivek Gulati, Ashley Simpson, Chika Uzoigwe, Charles Gibbons.
4th World Congress of Clinical Safety, 28 Septemeber, 2015.

The Rise of the Surgical Care Practitioner in Orthopaedics.

Vivek Gulati, Ashley Simpson, Chika Uzoigwe, Matthew Jaggard, Andrew Williams, Charles Gibbons.

4th World Congress of Clinical Safety, 28 September, 2015.

Management of Achilles Tendon Injury; A current concepts systematic review.

Vivek Gulati, Ashley Simpson, Charles Gibbons, Chinmay Gupte.
4th World Congress of Clinical Safety, 28 September, 2015.

Functional Long Term Outcomes of Elastic Stable Intramedullary Nailing in Pediatric Fractures of the Forearm: minimum five year follow-up.

Shafic Said Al-Nammari, Ali Jawad, Ioannis Pengas, Malik Racy, **Vivek Gulati**, Matthew Barry.

Efort, London, UK, 2014.

The Inadequacy of Musculoskeletal Knowledge in Graduating Medical Students in the UK.

Shafic Said Al-Nammari, Ali Jawad, **Vivek Gulati**, Manoj Ramachandran.

Efort, London, UK, 2014.

A Novel Sensor to provide quantitative assessment of knee joint motion.

Gulati V, McGregor A, Bergmann J.

Orthopaedic Research Society Annual Meeting, San Antonio, Texas, United States of America, 2013.

Asymmetrical Lower Limb Loading in patients with early knee osteoarthritis during the Sit-to-Stand Task.

Gulati V, Duffell L, Southgate D, McGregor A.

Orthopaedic Research Society Annual Meeting, San Antonio, Texas, United States of America, 2013.

Plantar Fasciopathy Treated With Extracorporeal Shockwave Therapy Without Local Anaesthetic Block: A Meta-Analysis

Of prospective Randomised Control Trials,

Aqil A, Siddiqui M, Solan M, Redfern D, Marquis C, **Gulati V**, Cobb JP.

SICOT, Dubai, United Arab Emirates, 2012.

Elevated knee loading may precipitate osteoarthritic progression: a case-control study.

Gulati V, Duffell LD, Southgate D, McGregor AH.

Royal Society of Medicine Orthopaedic Meeting, London, 2012.

Introduction of a new Knee Patient Performance Based Measure.

Gulati V, McGregor AH, Bergmann JH.

Royal Society of Medicine Orthopaedic Meeting, London, 2012.

Measuring Body Weight Distribution during sit-to-stand in patients with early knee osteoarthritis.

Duffell LD, **Gulati V**, Southgate D, McGregor AH.

British Orthopaedic Research Society Annual Conference, London, 2012.

Developing an Integrated Clothing Sensor System (ICSs) For Assessing Knee Motion.

Gulati V, McGregor AH, Bergmann JH.

British Orthopaedic Research Society Annual Conference, London, 2012.

Beware of the isolated medial malleolus or proximal fibula fracture.

Pastides P, **Gulati V**, Tibrewal S.

Sixth Mediterranean Emergency Medicine Conference (MEMC VI), Kos, Greece, 2011.

Guidelines for neck of femur fracture management.

Bagga A, Fairclough S, Gulati V et al.
12th Efort Congress, Copenhagen, 2011.

Fractured Neck of Femur Guidelines.

Bagga A, Fairclough S, Gulati V et al.
International forum on Quality and Safety in Healthcare, Amsterdam 2011.

Optimising pre-Operative Assessment in Elective Surgery: Group and Save Policy.

Sra HK, Pastides P, Gulati V et al.
International forum on Quality and Safety in Healthcare, Amsterdam 2011.

A Rare Case of Concurrent Scedosporium apiospermum and Madurella grisea Eumycetoma in an immunocompetent host

Bakare S, Gulati V et al.
Royal Society of Medicine, London, November 2009.

Adult native septic arthritis of the hip. A 14 year multi-centre experience of 46 cases.

Patel R, Al-Nammari SS, Bejjandi N, Gulati V et al.
British Orthopaedic Association Annual Meeting, Liverpool, 16th-19th September 2008.

Use of the Less Invasive Stabilisation System in the treatment of Distal Femoral and Proximal Tibial Fractures.

Loughenbury P, Gulati V, Walker D, Tsiridis E, Giannoudis PV.
European Society of Trauma & Emergency Surgery, Budapest, Hungary, 2008.

Septic arthritis in haemodialysis patients: a seven year multi-centre experience.

Patel R, Al-Nammari SS, Bejjandi N, Gulati V et al.
Fifth SICOT/SIROT (International Society of Orthopaedic Surgery and Traumatology),
Annual International Conference, Marrakech, Morocco, 29th August-1st September 2007.

Adult Native Joint Septic Arthritis of the Hip: A Fourteen Year Multi-Centre Experience of 46 cases.

Patel R, Al-Nammari SS, Bejjandi N, **Gulati V** et al.

Fifth SICOT/SIROT (International Society of Orthopaedic Surgery and Traumatology),

Annual International Conference, Marrakech, Morocco, 29th August-1st September 2007.

Use of the Less Invasive Stabilisation System in the treatment of Distal Femoral and Proximal Tibial Fractures.

Gulati V, Choudhury Z, Loughenbury P, Tsiridis E, Giannoudis P.

British Trauma Society Conference, Nottingham, United Kingdom, 4th -5th October 2007.

Use of the Less Invasive Stabilisation System in the treatment of Distal Femoral and Proximal Tibial Fractures.

Gulati V, Whitaker IS, Giannoudis P.

The British Association of Plastic Surgeons, London, United Kingdom, 5th-7th December 2007.

An observational study of Computed Tomography (CT) examination in Trauma & Orthopaedics- rationale for developing routine trauma.

MZB Choudhury, B Chalidis, J Rankine, **V Gulati**, PV Giannoudis.

Department of Orthopaedic & Trauma, Leeds General Infirmary, Department of Radiology.

British trauma Society Conference, Nottingham, United Kingdom, 4th –5th October 2007.

Use of the Less Invasive Stabilisation System in the treatment of Distal Femoral and Proximal Tibial Fractures.

Gulati V, Al-Nammari SS et al.

9th Efort Congress, Nice, France, 29th May-1st June 2007.

Septic Arthritis in haemodialysis patients: a seven year multi-centre experience.

Al-Nammari SS, **Gulati V** et al.

9th Efort Congress, Nice, France, 29th May-1st June 2007.

Fixed angle volar locking plate in conjunction with corrective osteotomy for the treatment of distal radius dorsally angulated mal-unions- a prospective study.

Al-Nammari SS, Sewell MD, **Gulati V** et al.

9th Efort Congress, Nice, France, 29th May-1st June 2007.

Whitaker IS, Elmiyeh B, Gulati V, Anderson A R, Azizi A. ‘Synovial Sarcoma of the soft palate with squamous differentiation.’

Proceedings of the 5th European Congress of Oto-Laryngology and Head and Neck Surgery, Athens, September 11th-16th 2004.

Synovial cell carcinoma of the soft palate with squamous cell differentiation.

Whitaker IS, Elmiyeh B, Anderson AR, Gulati V, Alizi A.

The 5th European Congress of Oto-Laryngology and Head and Neck Surgery, Athens, Greece, September 11th-16th 2004.

‘Alcohol’ – the Emergency Department’s Biggest Foe.

Gulati V.

St Mary’s Hospital Grand Round, Paddington, London, December 2004.

Retroperitoneal Paragangliomas uncovered.

Gulati V.

The Baker Talk, Surgical Grand Round.

Massachusetts General Hospital, Harvard Medical School, Boston, United States of America, April 2002.

PUBLICATIONS

Gulati V, Newman S, Porter KJ, Franco LCS, Wainwright T, Uzoigwe C, Middleton R. Implications of anticoagulant and antiplatelet therapy in patients presenting with hip fractures: a current concepts review. **Hip int.** 2018 May;28(3):227-233. Doi: 10.1177/1120700018759300

Newman S, **Gulati V**, Bahadori S, Wainwright T, Middleton R.
<http://eprints.bournemouth.ac.uk/32064/>. <http://ispub.com/IJOS/27/1/53658>.
 The Internet Journal of Orthopedic Surgery, Vol 27, Issue 1, **Internet Scientific Publications**. ISSN: 1531-2968.

Ali AM, Pillai JK, **Gulati V**, Gibbons CER, Robertson BJ. Hyperextension injuries of the knee: do patterns of bone bruising predict soft tissue injury? **Skeletal Radiol.** 2018 Feb;47(2):173-179. Doi: 10.1007/s00256-017-2754-y. Epub 2017 Aug 31.

Vivek Gulati, Ashley I Simpson, Chika Uzoigwe, Matthew Jaggard, Charles Gibbons, Chinmay Gupte, Andrew Williams. Surgical care practitioners in

orthopaedics: a current concepts review. **Journal of the Royal Society of Medicine**; 0(0) 1-4. DOI: 10.1177/0141076816643334.

Farrier AJ, C Sanchez Franco L, Shoaib A, **Gulati V** et al. New anti-resorptives and antibody mediated anti-resorptive therapy.
Bone Joint J. 2016 Feb;98-B(2). Doi:10.1302/0301-620X.98B2.36161

Gulati V, Jaggard M, Al-Nammari SS, Uzoigwe C, Gulati P, Ismail N, Gibbons C, Gupte C. Management of Achilles tendon injury: A current concepts systematic review.
World J Orthop. 2015 May 18;6(4):380-6. Doi:10.5312/wjo.v6.i4.380. 2015May18.

Farrier AJ, Ihediwa U, Khan S, Kumar A, **Gulati V**, Uzoigwe CE, Choudhury MZ. The seasonability of slipped upper femoral epiphysis – meta-analysis: a possible association with vitamin D.
Hip Int. 2015 May 29;0. Doi: 10.5301/hipint.

Duffell L, Southgate D, **Gulati V**, McGregor A. Balance and Gait Adaptations in Patients With Early Knee Osteoarthritis.
Gait & Posture. 2014 Apr;39(4): 1057-61.

Jeroen HM Bergmann, Salzitsa Anastasova-Ivanova, Irina Spulber, **Vivek Gulati**, Pantelis Goergiou, Alison McGregor. An Attachable Clothing Sensor System For Measuring Knee Joint Angles.
Sensors Journal IEEE. Volume 13, Issue 10, 2013. Pages 4090-4097.

Tibrewal S, **Gulati V**, Ramachandran M. The Pavlik Method; a systematic review of current concepts.
JPediatric Orthopedic Surgery b. 2013 Nov;22(6):516-20. Doi: 10.1097.

Gulati V, Eseonu K, Sayani J et al. Developmental Dysplasia of the Hip in the newborn; a systematic review.
World Journal of Orthopedics. 2013 Apr 18;4(2):32-41.
Doi:10.5312/wjo.v4.i2.32.

Aqil A, Siddiqui MR, Solan M, Redfern DJ, **Gulati V**, Cobb JP.
Extracorporeal Shock Wave Therapy Is Effective In Treating Chronic Plantar Fasciitis: A Meta-analysis of RCTs.
Clin Orthop Relat Res. 2013 Nov;471(11):3645-52.

Duffell L, **Gulati V**, Southgate D, McGregor A. Measurement of body weight distribution during the sit-to-stand task in patients with early knee osteoarthritis.

Gait & Posture. 2013 April 15. Doi:pii:S0966-6362(13)00174-4. 10. 1016.

Gulati V, Bakare S, Tibrewal S, Ismail N, Sayani J, Baghla DP. A Rare Presentation of Concurrent Scedosporium apiospermum and Madurella grisea Eumycetoma in an Immunocompetent Host.

Case Report Pathol. 2012:2012:154201. Doi:10. 1155/2012/154201

Pastides P, Tibrewal S, **Gulati V**, Haddo O. A new anatomical variant of long head of biceps tendon.

Eur Orthop Traumatol. 2012; 3:77-79.

Pastides P, **Gulati V**, Tibrewal S. Maisonneuve Injury- Beware of the 'isolated' medial malleolus or proximal fibula fracture.

Hong Kong Journal of Emergency Medicine. Vol 18 (5), Sept 2011.

Nick Hutt, Davinder PS Baghla, **Vivek Gulati** et al. Acral post-traumatic tumoral calcinosis in pregnancy: a case report.

Journal of Medical Case Reports. 2011, 5:89.

Gulati V, Zakaria R, Baghla DPS. Severe injuries to the Upper Limb.

Annals of Plastic Surgery. 2011 Mar;66(3):220.

Mackenzie H, **Gulati V**, Tross S. A rare case of a swollen knee; Disseminated Synovial Chondromatosis: A Case Report.

Journal of Medical Case Reports. 2010 Apr 23;4:113.

Sloane J, **Gulati V**, Penna S, Pastides P, Baghla DP. Large intra-articular anterior cruciate ganglion cyst presenting with inability to flex the knee.

Case Report Med. 2010:2010:705919

Gulati V, Choudhury MZB, Baghla DPS. Practical Procedures in Trauma & Orthopaedic Surgery.

Annals of Plastic Surgery;2010;64(3):263.

Jaggard MK, Gupte CM, **Gulati V**, Reilly P. A comprehensive review of trauma and disruption to the sternoclavicular joint with the proposal of anew classification system.

J Trauma. 2009 Feb;66(2):576-84.

Loughenbury P, **Gulati V**, Walker D, Tsiridis E, Giannoudis PV. Use of the Less Invasive Stabilisation System in the treatment of Distal femoral and proximal tibial fractures.

European Journal of Trauma and Emergency Surgery; 2008;34 (Suppl 1):113.

Al-Nammari SS, **Gulati V**, Patel R, Bejjandi N, Wright M. Septic arthritis in haemodialysis patients: a seven year multi-centre experience.

Journal of Orthopaedic Surgery (Hong Kong). 2008 Apr;16(1):54-7.

Whitaker I S, **Gulati V**, Chahal C A A, Menon A, Ong T K. Post Operative Monitoring of Free Tissue Transfers to the Head and Neck.

British Journal of Oral and Maxillofacial Surgery, 45;2007;16-18.

Brown C S, **Gulati V**, Whitaker I S. You need a lot of ‘Plastic’ to become a plastic surgeon.

Annals of plastic Surgery. 2007 Aug;59(2): 229-30.

Thirukkanesan K, Panchamatia J, **Gulati V**. Experience of area-based dullness cardiac percussion technique in the diagnosis of cardiorespiratory Disorder.

Journal of Royal Society of Medicine, 2007 Dec; 100(12): 533-4.

Coughlin PA, **Gulati V**, Mavor AI, Gough MJ, Homer-Vanniasinkam S. Risk Factor Awareness in patients with peripheral arterial disease.

J Cardiovasc Surg (Torino). 2007 Dec; 48(6): 735-40.

Whitaker I S, Karoo ROS, Oliver DW, Ganchi PA, **Gulati V**, Malata CM. Master Class in Plastic Surgery : Current techniques for the post operative monitoring of free tissue transfers

The European Journal of Plastic Surgery. 2005; 27 (7):315 – 321.

Gulati A, Whitaker I S, Jaggard M K J, **Gulati V**, Page S. Diabetic muscle infarction – an underdiagnosed complication of a common disease.

Practical Diabetes International. 2005; 22 (1): 27-31.

Forhead AJ, **Gulati V**, Poore KR, Fowden AL. Ontogeny of pulmonary and renal angiotensin-converting enzyme in pigs

Molecular Cell Endocrinology. 2001 Dec 20; 185(1-2):127-33.

