

# Mr Kavi H. Patel

Secretary: Ms Lisa Abbott | ☎ 020 7791 1688 | ✉ lisaabbott5@live.co.uk

- Consultant Orthopaedic Surgeon (substantive) specialising in complex trauma, limb reconstruction and bone infection | The Royal London Hospital, Barts Health NHS Trust
- Honorary Senior Clinical Lecturer | Centre for Neuroscience, Surgery & Trauma, Blizard Institute, Barts & The London School of Medicine & Dentistry
- Reserves Officer | 217 Sqn | 256 Multirole Medical Regiment | RAMC
- Stryker Educational Consultant

## QUALIFICATIONS

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<b>PGCert</b>	Medical & Healthcare Education, Anglia Ruskin University	2023
<b>FRCS</b>	Royal College of Surgeons of England	2021
<b>MRCs</b>	Royal College of Surgeons of England	2012
<b>MSc</b>	Surgical Science (Merit), University College London	2011
<b>MBBS</b>	University College London	2008
<b>BSc</b>	Physiology & Pharmacology (intercalated), University College London	2006

## PROFESSIONAL MEMBERSHIPS

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British Limb Reconstruction Society  
British Orthopaedic Association: 19651  
General Medical Council: 7021317  
National Expert Witness Agency: 278452

## PREVIOUS TRAINING/FELLOWSHIPS

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Post-CCT Fellowship in Limb Reconstruction/Complex Trauma Kings College Hospital (Groom/Phillips/Lahoti) & St George's Hospital (Trompeter)	2022-23
Cambridge Trauma & Orthopaedic Higher Surgical Training Rotation Broomfield, Addenbrookes, Lister, Princess Alexandra, Norfolk & Norwich & Royal London	2016-22
Research Fellow, Royal National Orthopaedic Hospital	2015-16
Trauma Fellow, Barts Health NHS Trust	2013-15
London Core Surgical Training	2011-13
South Thames Foundation Programme	2008-10

## RESEARCH & PUBLICATIONS

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*Papers*

Patel KH, Tsang J, Petrie M, Reed M. Relevance of a bone and joint registry for fracture-related infections. J Orthop. 2023 Sep 9;45:33-36. PMID 37841904

Patel KH, Gill LI, Tissingh EK, Galanis A, Hadjihannas I, Iliadis AD, Heidari N, Cherian B, Rosmarin C, Vris A. Microbiological profile of fracture-related infection at a UK major trauma centre. Antibiotics. 2023 Aug 24;12(9):1358. PMID 37760655

Al-Omar H, Patel K, Lahoti O. Neutral wedge distal femoral osteotomy (NWDFO) for correction of large valgus and varus deformities: technique and results. BJJ Orthop Procs. 2023;105-B(SUPP\_10):40-40.

Patel KH, Galanis A, Balasubramanian P, Iliadis AD, Heidari N, Vris A. A Major Trauma Centre experience with gentamicin-coated tibial intramedullary nails (ETN PROtect™). Eur J Orthop Surg Traumatol. 2022

Patel KH, Logan K, Krkovic M. Strategies and outcomes in severe adult open tibial shaft fractures at a major trauma centre: a large retrospective case-series. World J Orthop. 2021 Jul 18;12(7):495-504. PMID: 34354937

Patel KH, Gikas PD, Carrington RW, Pollock RC, Cannon SR, Skinner JA, Aston WJS, Briggs TW. Pigmented villonodular synovitis of the knee: a retrospective analysis of 214 cases at a UK tertiary referral centre. Knee. 2017 Aug;24(4):808-815. PMID: 28442184

Patel KH, Nayyer L, Seifalian AM. Chondrogenic Potential of bone marrow-derived mesenchymal stem cells on a novel, auricular-shaped, nanocomposite scaffold. J Tissue Eng & Regen Med. 2013 4;4:2041731413516782. PMID: 24555012.

Nayyer L, Patel KH, Esmaeili A, Rippel RA, Birchall M, O'Toole G, Butler PE, Seifalian AM. Tissue engineering: revolution and challenge in auricular cartilage reconstruction. Plast Reconstr Surg. 2012 129(5):1123-37. PMID: 22544097.

Patel KH, Singh J, Goldie B. Creating a simple drill stop for clavicle plating. J Trauma Treat. 2015 4: 276. *Technical note.*

### *Textbooks*

Patel KH, Iliadis AD. Pilon Fractures. Fracture Clinic Survival Guide. Springer Nature, 2024.

### *Research*

Primary Investigator, TSF software observational study – to investigate the accuracy and efficiency of using the SMART TSF beacon in hexapod software.

## **ORAL PRESENTATIONS**

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Bone & Joint Infection Registry. BLRS, Glasgow 2024

Microbiology profile of Fracture Related Infection (FRI): A 6-year series from a UK major trauma centre and bone infection tertiary referral unit. BOA Congress, Birmingham 2022

A Major Trauma Centre experience with gentamicin-coated tibial intramedullary nails (ETN PROtect™). BLRS, Brighton 2022

Pigmented villonodular synovitis of the knee: a retrospective analysis of 214 cases at a UK tertiary referral centre. BASK Annual Meeting, Liverpool 2016

Tuberculosis of the cervical spine (C-spine). An eight-year experience and analysis of 18 cases in Malawi. BASS Annual Meeting, Norwich 2013.

## LEADERSHIP & MANAGEMENT

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T&O ST3 National Selection Interviewer	2024
BOA Trauma Exchange MTC Representative	2023
Pan-London limb reconstruction meeting – inception and organisation	2023
The British Bone & Joint Infection Registry executive – FRI lead	2022
PQO Commissioning, Royal Military Academy Sandhurst	2021

## TEACHING EXPERIENCE

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QMUL Orthopaedic Trauma Science MSc Module Lead	2024
PG Cert Med Ed (Anglia Ruskin University) Awarded bursary by Health Education East of England.	2022-23
The Fundamentals of Orthopaedics ST3 Interview Series faculty	2022
Royal London/Percivall Pott rotation Limb Reconstruction teaching Interactive lectures covering the basic science and principles of limb reconstruction with an industry sponsored saw-bone practical session (faculty).	2022
Imperial College Anatomy Demonstrator Applied cadaveric sessions for pre-clinical medical & physiotherapy students.	2012-13

## COURSES, MEETINGS & VISITATIONS

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### *Trauma & Limb Reconstruction*

Oxford Bone Infection Unit Bonesupport™ Visitation	2023
Smith & Nephew Bone Transport Masters Forum	2023
Advanced Approaches in Trauma & Limb Reconstruction, S+N	2022
Basingstoke Knee Osteotomy Masterclass	2022
Hull Deformity Correction Course	2022
Stryker LRF Frame Masterclass, Amsterdam	2022
Smith & Nephew TSF Cadaveric Course	2020
Principles in Operative Fracture Management, AO Davos	2012

### *Other*

Medicolegal Report Writing Masterclass, Inspire MediLaw	2023
Essentials of Medical Leadership & Management (FMLM accredited)	2023
Advanced Trauma Life Support	2022
Research Methodologies	2022
Medicine in a Cold or Extreme Climate, Royal Society of Medicine	2020
Introduction to Good Clinical Practice, NIHR	2018
Care of the Critically Ill Surgical Patient, Addenbrookes	2012

## QUALITY IMPROVEMENT

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The implementation of the British Bone & Joint Infection Registry at Barts Health which required presenting to all stakeholders at Trust level, following strict information governance processes and introducing software to strengthen the quality of our bone infection MDT. The aim is to contribute to assessing and improving the quality of services across the NHS to achieve better outcomes for patients with these conditions. 2022

## INTERNATIONAL HEALTH / VOLUNTARY SERVICE

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Tygerberg Hospital Limb Reconstruction Visit (Prof Nando Ferreira), Cape Town  
RLH Limb Reconstruction Team visit to a centre of excellence. Participated in the operating theatre, outpatient clinic and presented our research. 2022

IDEALS Gaza Limb Reconstruction  
Supporting & developing the Limb Reconstruction Service in Gaza to help assess, operate on and follow-up patients with complex limb injuries. 2022

Hackney Winter Night Shelter  
Cooking & serving meals to the homeless in East London. 2019

Care4Calais  
Providing basic medical aid to refugees in a Northern France migrant camp. 2016

## OTHER SKILLS & INTERESTS

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Outside of work I enjoy outdoor cooking, racquet sports, sailing (have completed RYA level 1 & 2), winter mountain sports and adventure travel. I am married to a GP and have two young children.

## REFERENCES

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Available on request