

Curriculum Vitae

Alan Norrish

BSc, MB BChir, MBA, LL.M, PhD, PGDip HSM, AFHEA, FRCS (Tr & Orth)

Clinical Associate Professor in Orthopaedics, Trauma and Sports Medicine

Academic Orthopaedics, Trauma and Sports Medicine

School of Medicine, Faculty of Medicine and Health Sciences, University of Nottingham

Honorary Consultant Trauma and Orthopaedic Surgeon

Nottingham University Hospitals NHS Trust,

Department of Orthopaedics, Queens Medical Centre, Nottingham

Editorial Board Member (voluntary), Bone & Joint360, 22 Buckingham Street, London, WC2N 6ET

Full name: Alan Norrish
Telephone: 07590510391
Email: alan@injuryprognosis.co.uk
Correspondence Address: PO Box 1279
Cambridge
CB1 0UW
Nationality: British
GMC Registration: 4616270
Date admitted to Specialist Register: 31st July, 2007

PERSONAL STATEMENT

I currently work as the Clinical Associate Professor of Trauma, Orthopaedics and Sports Medicine at the University of Nottingham and Honorary Consultant Orthopaedic and Trauma Surgeon to the Nottingham University Hospitals NHS Trust at Queens Medical Centre in Nottingham. Queen's Medical Centre, home to the East Midlands Major Trauma Centre (MTC) that serves a population of 4 million people, is the busiest MTC in the country. My clinical work specialises in orthopaedic trauma, including fracture fixation with intramedullary nails, plates and screws and external fixators including circular frames. I also regularly perform hip replacement. I currently hold a Clinical Excellence Award.

I finished my specialty training in trauma and orthopaedic surgery in July of 2007. Before starting work at the Queens Medical Centre in Nottingham, I have worked as a substantive Consultant Trauma and Orthopaedic surgeon in Zambia, the Middle East, Afghanistan, Addenbrookes Hospital in Cambridge and the Queen Elizabeth Hospital in King's Lynn.

I have a strong interest in education in medicine. I have taught at both undergraduate and postgraduate levels at the University of Zambia (Lecturer), the University of Cambridge (Associate Lecturer), Anglia Ruskin University (Honorary Senior Lecturer and Course Director) and now at the University of Nottingham. I also supervise a number of students in their research projects and examine for the University of Nottingham and the College of Surgeons of East Central and Southern Africa.

QUALIFICATIONS

- 1994 BSc (Hons), Pharmacology and Medical Science (First Class), University of London
- 1999 MB BChir (Distinction in Surgery) University of Cambridge
- 1999 PhD, Wellcome Trust Centre for Molecular Mechanisms in Disease University of Cambridge
- 2006 FRCS (Trauma and Orthopaedics), Fellowship at the Royal College of Surgeons, Edinburgh
I have also been elected as a Fellow of the Royal College of Surgeons of England in 2016
- 2007 LL.M, Master of Laws degree in Medical Law (Distinction Awarded), University of Cardiff

- 2015 PG Dip HSM, Postgraduate Diploma in Health Service Management, Keele University
- 2016 FCS (ECSA), Fellow (by election) of the College of East, Central and Southern Africa
- 2020 AFHEA, Associate Fellowship of the Higher Education Academy
- 2021 MBA (Merit, Specialism in Leadership), University of London

I am a past or present member of the following organisations:

- Member of the International Society of Trauma and Orthopaedic (SICOT)
- Fellow of the British Orthopaedic Association
- Fellow of the Royal College of Surgeons of England
- Member of British Limb Reconstruction Society
- Member of the Orthopaedic Trauma Society
- Member of AO Trauma Foundation
- Member of British Association of Surgery of the Knee
- Member of the British Hip Society
- Member of World Orthopaedic Concern

CLINICAL EXPERIENCE

Since first being appointed as a Consultant in 2007, lower limb trauma and reconstruction surgery has been my main subspecialty interest. From Africa to Afghanistan, I have treated a full range of patients with complex acute and chronic orthopaedic and trauma conditions. I founded and co-led a multidisciplinary regional bone and joint infection service when working in Cambridge. I also have significant experience of the use of mega-prosthesis for complex trauma and infection indications. I also have considerable experience in periprosthetic fracture and non-union surgery, in addition to lower-limb frame reconstruction and amputation. The majority of my current practice is complex lower limb trauma, general orthopaedic trauma and hip replacement.

EMPLOYMENT HISTORY

Nottingham

July 2023 – pres.: **Honorary Consultant Orthopaedic and Trauma Surgeon**

Nottingham University Hospitals NHS Trust, Queen's Medical Centre, Nottingham, NG7 2UH

Oct 2021 – pres.: **Clinical Associate Professor** in Orthopaedics, Trauma and Sports Medicine

University of Nottingham. Academic Orthopaedics, Trauma and Sports Medicine, School of Medicine, Faculty of Medicine and Health Sciences, Queen's Medical Centre, Nottingham, NG7 2UH

May 2020 – Oct 2021: **Senior Research Fellow** (part-time), University of Nottingham. Academic Orthopaedics, Trauma and Sports Medicine, School of Medicine, Faculty of Medicine and Health Sciences, Queen’s Medical Centre, Nottingham, NG7 2UH

Aug 2020 - Dec 2020.: **Senior Clinical Fellow**, Nottingham University Hospitals, Queens Medical Centre, Derby Road, Nottingham, NG7 2UH

Jan 2020 - Dec 2020: **Patient Safety Improvement Lead**. Nottingham University Hospitals NHS Foundation Trust, Corporate Patient Safety Department, Hucknall Road, Nottingham, NG5 1PB

Sept 2019 – Nov 2021: University of London, Global **Master of Business Administration** This degree has a subspecialty of ‘Leadership’.

Sept 2019 – Feb 2020.: Associate University **Research Fellow**, University of Nottingham. Academic Orthopaedics, Trauma and Sports Medicine, School of Medicine, Faculty of Medicine and Health Sciences, Queen’s Medical Centre, Nottingham, NG7 2UH

King’s Lynn

Jan 2021 – July 2023.: **Consultant Trauma and Orthopaedic Surgeon**, Queen Elizabeth Hospital King’s Lynn NHS Foundation Trust, Gayton Road, Kings Lynn, PE30 4ET

Mar 2021 – Sept 2022.: **Associate Medical Director** (part-time), Queen Elizabeth Hospital King’s Lynn NHS Foundation Trust, Gayton Road, Kings Lynn, PE30 4ET

Cambridge

Aug 2020- July 2023: **Pitch-side Club Doctor: Cambridge Rugby Football Club**, Volac Park, Grantchester Rd, Cambridge CB3 9ED

Sept 2020 – June 2022.: **Senior Anatomy Demonstrator**, Human Anatomy Teaching Group, Dept. of Physiology, Development and Neuroscience, University of Cambridge

Sept 2020 – June 2022.: Undergraduate College Anatomy Supervisor, Magdalene St, Cambridge CB3 0AG, University of Cambridge

Aug 2017- Aug 2019.: **Pitch-side Club Doctor: Cambridge Rugby Football Club**, Volac Park, Grantchester Rd, Cambridge CB3 9ED

Sept 2010 – Mar 2019.: **Consultant Trauma and Orthopaedic Surgeon**, Addenbrooke’s Hospital **Cambridge University Hospitals NHS Foundation Trust**, Hills Road, Cambridge, CB2 0QQ Positions of added responsibility: **Specialty Lead** for Trauma and Orthopaedic Surgery, **Deputy Clinical Director** for Musculoskeletal Directorate, **Deputy Medical Director** of the hospital group.

2013 – 2019.: **University of Cambridge, Associate Lecturer**

International

May 2021 – June 2023.: Volunteer Consultant Orthopaedic Surgeon, with **King’s Global Health Partners in Zambia**: developing a hip replacement program

Jun 2012 – Mar 2019: Volunteer Consultant Orthopaedic Surgeon, with **Cambridge Global Health Partners in Myanmar**: developing educational courses with University of Medicine 1 in Yangon

Aug 2007 – Aug 2010: **Consultant Orthopaedic Surgeon**, with **Cure International**, 701 Bosler Avenue, Lemoyne, PA 17043, USA-

Aug 2007 – Jul 2009: Consultant Orthopaedic Surgeon, First overseas posting: Lusaka, Zambia

Aug 2009 – Aug 2010: Senior Consultant Orthopaedic Surgeon, Second Overseas Posting: Afghanistan and United Arab Emirates

Training

Aug 2002 – Jul 2007: Eastern Deanery Training Programme: Trauma and Orthopaedics Aug 2005 – Jul 2006: Advanced Training Fellowship: Blantyre, Malawi

Aug 1999 – Jul 2002: Basic Surgical Training: Cambridge University Hospitals and Papworth Hospital

TEACHING AND EXAMINING EXPERIENCE

I have had the following formal academic teaching roles:

2021 – pres. Clinical Associate Professor of Trauma, Orthopaedics and Sports Medicine

2020 – 2022: Anatomy supervisor, Magdalene College, University of Cambridge

2019 – 2021: External Lecturer: Sports and Exercise Medicine MSc, University of Nottingham

2019 – 2022: Senior Anatomy Demonstrator, University of Cambridge

2013 – 2019: Associate Lecturer, School of Clinical Medicine, University of Cambridge

2015 - 2019: Course Director, Mastery of Surgery, Anglia Ruskin University

2008 - 2009: Lecturer, University of Zambia

I was part of a team that designed a medical education programme for junior surgeons in Myanmar. This team was awarded a £250,000 grant to implement this training over several years (2015-2018). I am faculty on many annual courses and have directed two cadaveric courses in Australia. I have given invited lectures in Hungary, Myanmar, Zambia, Malawi, India, Australia, Canada, Italy, Germany, Switzerland, Czech Republic, United Arab Emirates, Kuwait and the United Kingdom. I also designed and ran an international webinar from Switzerland as part of my role for AO Foundation.

Examining

2021-pres: Examiner for the **School of Medicine, University of Nottingham**

2013-pres: Examiner for the **College of Surgeons of East, Central and Southern Africa**

2017 – 2019: External examiner, **University of Zambia**, Master of Medicine (Orthopaedics)

2016 – 2019: Examiner for the **Master of Surgery (Orthopaedics)**, Anglia Ruskin University

2015 – 2019: Examiner for **School of Clinical Medicine, University of Cambridge**

MANAGEMENT

I enjoy leadership and management and have received a significant amount of formal training in accounting, legal and business management, receiving a PGDip in Health Service Management from Keele University Business School. I have recently finished the London University Global MBA course, a distance learning program, with a specialism in 'Leadership'.

Local: I was the Associate Medical Director in King's Lynn with a wide portfolio of responsibility under the banner of professional standards between March 2021 and September 2022. During that time, I was the trust's medical appraisal lead. In the past I acted as Specialty Lead at Addenbrookes Hospital for Trauma and Orthopaedics for 3 years, working with managers to run the department and giving clinical representation. I also was seconded into the role of Acting Deputy Medical Director for 3 months in 2015.

National: I sat on several national committees such as: British Orthopaedic Trainees Association Committee (representing at the British Orthopaedic Association Education Committee) and the Steering Group for the Orthopaedic Competency Assessment Program. Between 2015-2019 I was a member of the Specialty Advisory Committee of the joint committee of surgical training of the Royal Colleges, the body that oversees the design and implementation of orthopaedic training in the UK and Ireland.

Board Directorships:

2010-2013	Aid to Hospitals Worldwide
2010-2013	MercyFlyers
2013-2015	HoverAid UK Board
2013-2016	HoverAid International Board

RESEARCH

I have had a wide experience of research, both laboratory and clinical. I have received scientific training at both the bachelor's and doctorate level. I have experience of working with the Comprehensive Local Research Network (CLRN) as a principal investigator (FORTIFY trial, IRAS ID: 213821), registered investigator (FaB trial: IRAS ID: 74133) and I have been an active patient recruiter for following national clinical portfolio clinical trials: HEALTH (hip replacement vs hemiarthroplasty), FAITH: (screws vs plate for hip fractures), FixDT (plate vs nail fixation, distal tibial fractures), AIM (ankle fracture operative vs nonoperative treatment), WOOLF (dressings for open fractures).

2019-pres.: University of Nottingham

In this role I have a portfolio of research projects. Working with the Trauma Outcomes Group, these projects have included looking at the excess mortality in patients with fragility fractures, working on the PANdemic Tracking of HEalthcare woRkers (PANTHER) study and assessing the patient-reported outcomes of individuals with grade 3 open tibial fractures treated by a 2-ring circular frame.

PUBLICATIONS

I have 100 publications listed on Google Scholar. I have over 2000 citations. I have an h-index of 18 and an i10-index of 24. Publications can be found on:

<https://scholar.google.com/citations?user=buEqhmsAAAAJ&hl=en>

REFERENCES

Prof Benjamin Ollivere

Professor and Honorary Consultant Orthopaedic Trauma Surgeon, Head of Division

University of Nottingham Queens Medical Centre

Derby Rd, Lenton, Nottingham, NG7 2UH

EA: Joanne Burkitt 0115 82 31115

benjamin.ollivere@nottingham.ac.uk

Prof Vikas Khanduja

Consultant Orthopaedic Surgeon Addenbrooke's Hospital

Hills Road, Cambridge, CB2 0QQ

PA: Caroline Gilbert 01223 257093

vk279@cam.ac.uk