

Personal Details

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 Qualifications: PhD (UCL), FRCS (OMFS), MRCS (Eng), FDSRCPS (Glas), FDSRCS (Eng), MBBS (UCL), BDS (B'ham)
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Current Appointments

2019-present	Medical Director, Responsible Officer, Consultant Oral & Maxillofacial Surgeon, The New Foscote Hospital
2019-2024	Editor in Chief, British Journal of Oral and Maxillofacial Surgery
2019-present	Honorary Professor of Oral & Maxillofacial Surgery, University of Buckingham Medical and Dental Schools
2017-present	Visiting Professor, Shahid Beheshti University of Medical Sciences, Tehran
2013-present	Honorary Associate Professor, Department of Surgery and Interventional Sciences. Lead for Head and Neck Section of MSc in Plastic Reconstructive Surgery, University College London
2017-present	External Examiner MSc Craniofacial Trauma, Queen Mary University of London
2012-present	Consultant Oral and Maxillofacial Surgeon

Previous Appointments

Royal Free Hospital, London 2012-2019:

2015-2019	Clinical Director Private Patients Unit and Royal Free International Development
2016-2018	Clinical Director, ENT, Audiology, Orthodontics, Oral and Maxillofacial Surgery
2014-2016	Head of Department Orthodontics, Oral and Maxillofacial Surgery
2012-2019	Consultant Oral and Maxillofacial Surgeon

Education / Qualifications

Year	Degree	Awarding Body
2006-2010	Certificate of Completion of Training (CCT) (OMFS)	Joint Committee on Surgical Training
2010	FRCS (OMFS)	Intercollegiate Specialty Exam Board
2006	MRCS	Royal College of Surgeons of England
1996-2003	MBBS (Distinction)	MB PhD Programme, University College London
1999-2002	PhD Molecular Medicine	MB PhD Programme, University College London
2001	Surgical Research Fellowship	Royal College of Surgeons of England
1999	FDSRCS	Royal College of Surgeons of England
1996	FDS RCPS	Royal College of Physicians and Surgeons of Glasgow
1989-1993	BDS	School of Dentistry, University of Birmingham
1987-1989	A Levels	Sutton College, West Midlands
1985-1987	O Levels	Edgbaston Park School, Birmingham

Surgical Training History

Year	Position
2006-2012	SPR training in oral and maxillofacial surgery, London Deanery Rotation: University College London, Eastman Dental Hospital, Great Ormond Street, Northwick Park, and Barts and the London Hospitals
2004-2006	Basic surgical training London Hospitals: Royal Free, Whipps Cross, University College
2003-2004	House Jobs: UCLH, one-year rotation
1994-1996	SHO posts in Oral and Maxillofacial Surgery: Birmingham Dental Hospital and University Hospitals Birmingham

Committee Member and Reviewer

Year	Position	Body
2020-present	Trustee	All Survivors Project, a UNHCR charity
2019-present	Council member	British Association of Oral and Maxillofacial Surgeons
2014-present	Grant reviewer	Endowments Committee, British Association of Oral and Maxillofacial Surgeons

Memberships

Year	Position	Body
2011-present	Fellow	British Association of Oral and Maxillofacial Surgeons

Prizes, Awards, & Other Honours

British Association of Oral and Maxillofacial Surgeons

Year	Award
2010	Paul Toller Research Prize
2002	Bursary/prize for research achievements

University College London

Year	Award
2003	Certificate of Merit in Surgery
2003	Distinction in Surgery
1999	Graduate school travel fellowship

International Society of Nephrology

Year	Award
2001	Young researcher travel award

Ora Corporate Dental Group

Year	Award
2001	Elected by clinicians and support staff as Clinician of the Year

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University of Birmingham

Year Award

1993	Bowater Memorial Prize in Pharmacology and Therapeutics
1993	Walpole Day Prize in Orthodontics
1993	Honours in Pharmacology and Therapeutics
1992	Honours in General Medicine and Surgery
1990	Honours in Pre-clinical Sciences

Research

Grants

Year	Amount	Title & awarding body	Role
2018	£550,000	Prof Mo Keshtgar Memorial Research Grant	Pi
2016	£40,000	Jaw bone tissue engineering using nanofibre lattice and adipose derived stem cells. Funding: Endowment funds British Association of Oral and Maxillofacial Surgeons	Pi
2016	£100,000	Personal contribution and donations held at Royal Free Hospital Charity Fund	Pi
2014	£140,000	A novel approach to tendon reconstruction Funding: Royal Free Hospital Charity	Co-Pi with Prof Saifalian
2001	£45,000	The Frances and Augustus Newman Foundation research grant Funding: Royal College of Surgeons of England	Pi
2000	£36,000	PhD project Graduate student bursary. Funding: Department of Medicine, UCL	Pi

Invited Talks

Year	
2019	Key speaker, Joint Asian Turkish National Conference ACID
2018	Keynote lecture: Advances in tissue engineering, Joint Indian – Japanese OMFS

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	conference, Chennai, India
2018	Publication workshop, Bahrain
2017	Dental implant surgery update, Taizhou, China
2017	How to publish, Junior BAOMS conference Nottingham
2017	Publication workshop, Hangzhou, China
2016	Chair – session opening lecture: Advances in TMJ surgery. Annual Conference British Association of Oral and Maxillofacial Surgeons, Brighton
2016	Stem cells in mouth cancer National Annual Meeting of Community Dental Officers, London
2016	Advances in maxillofacial surgery North London Dental Network
2016	Aesthetic jaw surgery International Cadaveric Facial Aesthetic Surgery Course, London
2016	Head and neck cancer update North London Orthodontic Clinical Network
2016	Keynote lecture: Orbital reconstruction surgery. Iranian Association of Oral and Maxillofacial Surgery, Tehran
2016	Head and neck reconstruction British Association of Dental Technicians, London

Academic Supervision UCL

Current Post-Doctorate

2019 - present: Dr Azadeh Rezaei continuation with bone engineering projects and assistance with supervision of graduate students.

Current PhD student

Date	Name & Research Topic
2019	Dr Huang Weijia - Bone Tissue Engineering

Previous PhD students

All my registered PhD students completed their degrees within the 4-year period. None of the projects I have supervised have failed or been delayed.

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Year	Name & Research Topic
2015-2019	Dr Azadeh Rezaei - The role of HIF pathway in bone tissue engineering: can hypoxia-mimetic materials promote bone regeneration?
2015-2019	Dr Carolina Ramos Rivera - Developing a HIF-mimicking material for chronic wound healing

Current MSc students

2019-2020: Supervision of three students' projects as partial fulfilment of MSc in Plastic Reconstructive Surgery and MSc in Surgical Sciences. Projects suspended due to Corona pandemic.

Previous MSc students

Year	Name & Research Topic
2019	Lizzeth Jiménez - Meta-analysis of evidence to support the benefits of autologous fat injections on facial scars
2018	Faijel Shah - Analysis of performed paediatric oral and maxillofacial procedures under general anaesthesia at the Royal Free London NHS Foundation Trust during 2016 and 2017
2017	Craig Nightingale - Identification and application of standardised landmarks from 3D facial imaging to analyse enophthalmos
2013	Alaa Albustami - Measurement of the volume of the herniated orbital contents using preoperative CT scans
2009	Ramin Carbiner - Analysis of the compatibility of dental implant systems in fibular free flap reconstruction
2003	Hassan Ali Al-Beshir – Proteomic profiling of oral squamous cell carcinoma

Overarching Research Strategy

My long-term research focus is to aid the translation of scientific research on bone tissue engineering and 3D printing into clinical practice. I am currently supervising projects on the

reconstruction of bony and soft-tissue maxillofacial defects using 3D printing of osteoinductive biomaterials.

Overarching Teaching Activity

I have a long track record of innovation and involvement in undergraduate and postgraduate education.

Undergraduate: MBBS & BDS

In 2013 I started the first special study module in OMFS at UCL Medical School, and so far three cohorts of post final examination students have completed the programme. Since my appointment as a substantive consultant I have facilitated and supervised between two and four elective dental and medical students each year.

Postgraduate

Clinical training: I am registered with the GMC as an approved educational supervisor. Between 2012 and 2019 I was responsible for the education and clinical training of London Deanery trainees working at the OMFS unit at the Royal Free Hospital. I initiated, supervised, and facilitated the creation of a formal weekly educational lecture session for the trainees. During this period I was also an OMFS faculty and ARCP panel member for Health Education England.

I regularly give lectures on the following postgraduate courses:

2014-present	MSc in Surgical Science, Royal Free Campus, UCL
2014-present	MSc in Plastics, Burns & Reconstructive Surgery
2013-present	Clinical lectures in OMFS, FY1, FY2 & core trainees, Royal Free Hospital
2015-present	Postgraduate update lectures, North London Clinical Referral Network
2015-present	START Surgery Course Director, Royal College of Surgeons of England
2008-present	CCRiSP course , Royal College of Surgeons of England
2007-2009	Clinical tutor in Surgery to MB PhD students, UCL. Weekly tutorial and bedside teaching
1999	Clinical tutor, ITI Straumann Dental Implant System

I am active in undergraduate and postgraduate examinations and have taken part in:

2014-2018	FFD examination, Royal College of Surgeons in Ireland
2014-present	LDS examination, Royal College of Surgeons of England
2013-present	End of year and final MBBS examination, UCL
2012-2013	MJDF examination, Royal College of Surgeons of England
2012	Surgical training evaluation for core surgery trainees, London Deanery

Overview of Knowledge Transfer / Exchange Activity

For me, the development of mature, harmonious, and collaborative relationships with other surgical specialties has been an important goal. I have started joint clinic sessions with colleagues in Dermatology, ENT, Ophthalmology, and Plastic Surgery at the Royal Free Hospital.

In terms of the formal transfer of knowledge, I have organised the following educational activities:

Year	Specialty	Topic
2012-present	ENT	Annual course held at the Royal Free Hospital: Oral Medicine, Oral Pathology and Surgery for ENT surgeons
2016	Plastic Surgery	Aesthetic facial plastic surgery, cadaveric course held at the Royal Free Hospital
2015-present	Ophthalmology	Management of orbital trauma. Three such courses held thus far
2016	Community Dental Service	Lecture on update on oral cancer given at the Annual National Meeting of the Community Dental Services
2015	Dental technicians	Lecture on facial reconstruction given at the RSM meeting of the Dental Technicians Study Group

Lay public

As a consultant I have engaged with local schools to provide career guidance and shadowing opportunities for interested teenagers.

I have taken part in charitable fund-raising events organised by the Royal Free Charity, such as organised 10K runs and London to Brighton cycling events.

I have given talks and interviews to lay media organisations including:

Year	Media	Topic
2015	BBC Radio 5 Live	Dangers of self-induced lip injury
2015	Times	Teenagers risk paralysis with DIY lip plump
2015	BBC1	Interpersonal violence in London
2014	This Morning ITV1	“Prosthetic eye” for facial reconstruction
2012	Daily Mail	Skin cancer surgery

Overview of Leadership and Enabling

Year	Role	Details
2016	Deputy Clinical Director of Royal Free International	Overseas academic links. This role involved the establishment of links with the global network of medical universities. I have facilitated training at the Royal Free Hospital for overseas clinicians from China, Middle East, Turkey, Sweden, Iran, and Kazakhstan
2011-present	Examiner	Royal College of Surgeons of England
2014-present	Examiner	Royal College of Surgeons in Ireland
2014-present	Council member	Deputy role for the seat of Honorary Editor on the council of the British Association of Oral and Maxillofacial Surgeons
2015-present	School governor	Dania Danish School, Islington, London
2012-present	Clinical governance	Lead and representative of OMFS for Royal Free SAS Directorate
2012-present	Appraisal	Active role in appraisal of consultant trainees working at the Royal Free Hospital, London
2012-present	Mentoring & support of juniors	I find the empowering of junior colleagues a fulfilling experience. In 2016 all 10 trainees in my department successfully gained entry to, or promotion to, the next level of their training programme.

		<p>My previous trainees have gained entry to highly competitive training programmes including:</p> <p>Orthodontics: 3 current SPRs and two with CCT in 2016</p> <p>Oral histopathology SPR, Guy's Hospital London</p> <p>Oral medicine SPR, Guy's Hospital London</p> <p>Oral surgery SPR, London Deanery</p> <p>Consultant oral surgeons: Jordan & Kuwait</p> <p>Dental graduates' entry into medical school: applications 100% successful in 2016</p>
2007-2010	External faculty member	CCRiSP Course, University of Cardiff WIMAT

Overview of Leadership

2019-2020: Medical Director, The New Foscote Hospital

Foscote Hospital was established in 1980, and after 40 years of trading was sold as a distressed asset in April 2019. I was responsible for legal and financial appraisal, gathering of due diligence, fund raising, the Transfer of Undertakings (Protection of Employment) (TUPE) of staff, and purchase of the hospital. The New Foscote started its operation under my management on 1 April 2019.

Over the past 18 months I have been responsible for:

1. Reversal of £100,000 monthly financial losses.
2. Capital expenditure of £2M and renewal of essential infrastructure.
3. Addition of new diagnostic services as such as a MRI unit.
4. Employment of new key personnel.
5. Recruitment drive for nursing staff.

The implementation of change has been essential for the long-term survival of the hospital.

This has included:

1. Patient pathways.
2. Contracts with the NHS and private insurance companies.

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3. Essential suppliers and contractors.
4. Job roles and management structure.

The takeover included the TUPE of 67 staff, the average duration of service being 22 years. Changes to the work patterns of longstanding colleagues met with strong resistance, but to date no redundancies have been necessary.

The financial recovery of the hospital is going to plan. The New Foscote was one the first independent hospitals to offer to, and be selected to, support the NHS in the management of the Covid crisis in March 2020.

2013-2019: Clinical Director Service Line Lead Orthodontics, Oral and Maxillofacial Surgery

I was appointed through a competitive selection process in 2013. Before this, the same clinical team had managed the department for over 20 years. The indicators of productivity and performance of the department were published as negative. I treated this task as a challenge and was aware of the magnitude of the change that was required.

The major barrier I had to overcome was gaining the cooperation of my colleagues. My plans for change included:

1. Making staff aware that the situation was no longer sustainable.
2. Increasing the throughput and work of all members including administrative, nursing, and clinical staff.
3. The adoption of efficient and safe clinical practices (such as the reduction of inpatient stay for a fractured jaw from 3-4 days to management as a day case).
4. The creation of a middle grade of experienced clinicians to improve the on-call service and the efficiency of care for patients who present to A&E departments. I have appointed seven dual-qualified medical-dental graduates to this role.
5. Increasing the throughput of patients booked into clinics by up to 50%.
6. Improving the management of waste and reducing DNA rates.
7. Managing failing consultant and junior colleagues empathetically and in accordance with the Trust's HR policy.

Once the unit had started to show signs of improvement it became important to recruit more staff to manage the increased clinical workload. In the past 12 months I have written business cases, obtained approval from the Board, and advertised for and recruited three consultants in OMFS (one post shared with UCLH) and one consultant orthodontist.

In January 2016 I started the first specialist OMFS clinic based at the Royal Free Hospital in Hampstead. This move has expanded the catchment area of our referral network to include residents in Camden, Islington, and Westminster.

Currently I head a team of 33 clinicians in OMFS and Orthodontics that provides specialist care to a population of up to 1.2 million in North London and Hertfordshire at the following 4 sites:

- Chase Farm Hospital
- Barnet Hospital
- Royal Free Hospital (started in 2016)
- Edgware Hospital

The department receives on average 13,000 new referrals a year with an annual turnover of over £30 million. The unit has a close working relationship and joint appointments with University College London, the Eastman Dental Hospital, and North Middlesex Hospital.

The performance indicators published throughout 2016 - 2018 by the Royal Free Hospital show that under my leadership the surgical units at Chase Farm and Barnet hospitals, which had been making a loss, became the top two income-producing departments in the Trust.

Publications

1. Brennan PA, Shakib K, Parmar S, Dhariwal D, Oeppen RS. Equality, diversity, culture and ethnicity - we cannot stay silent. Br J Oral Maxillofac Surg. 2020 Sep;58(7):735-737
2. Demir Duman F, Sebek M, Thanh NT, Loizidou M, Shakib K, MacRobert AJ. Enhanced photodynamic therapy and fluorescence imaging using gold nanorods

- for porphyrin delivery in a novel in vitro squamous cell carcinoma 3D model. *J Mater Chem B* 2020 May 18.
3. Chegini S, Brennan PA, Rahimi S, Shakib K. Recent advances in the histopathological assessment of salivary disease. *J Oral Pathol Med* 2020 Feb 6.
 4. Brennan PA, Scrimgeour DS, Shakib K. Editorial: Exploring evidence-based options for reducing the duration of UK OMFS training. *Br J Oral Maxillofac Surg* 2020 Jan 29:S0266-4356(20)30017-6.
 5. Shakib K, Smith G, Jayaram R, Singh S, Bhuju KG, Singh R. Proceedings from the second Kathmandu Head and Neck Reconstructive Surgery Cadaveric Course. *Br J Oral Maxillofac Surg* 2020;**58**:131-2.
 6. Nightingale CL, Shakib K. Analysis of contemporary tools for the measurement of enophthalmos: a PRISMA-driven systematic review. *Br J Oral Maxillofac Surg* 2019;**57**:904-12.
 7. Chegini S, Mitsimponas K, Shakib K. A review of recent advances in histopathological assessment of head and neck squamous cell carcinoma. *J Oral Pathol Med* 2020;**49**:9-13.
 8. Parmer S, Prabhu S, Shakib K. Maxfax Bites. *Br J Oral Maxillofac Surg* 2019;**57**:493.
 9. Keshtgar S, Keshtgar A, Mistry P, Shakib K. Assessing facial recognition after orthognathic surgery at automated border controls in airports. *Br J Oral Maxillofac Surg* 2019;**57**:536-8.
 10. Mitsimponas K, Mehmet S, Kennedy R, Shakib K. Idiopathic condylar resorption. *Br J Oral Maxillofac Surg* 2018;**56**:249-55.
 11. Rodgers W, Mitsimponas K, Shakib K. Use of cyanoacrylate tissue adhesive to orientate histopathological specimens. *Br J Oral Maxillofac Surg* 2017;**55**:861-2.
 12. Zarringhalam P, Brizman E, Shakib K. Medication-related osteonecrosis of the jaw associated with aflibercept. *Br J Oral Maxillofac Surg* 2017; **55**:314-15.
 13. Vithlani G, Somaia N, Shakib K. Non-iatrogenic mandibular pressure sores. *Br J Oral Maxillofac Surg* 2017; **55**:560.
 14. Shakib K. Re: Re: Management of a mucocoele of the submandibular gland without removal of the gland: a case report. *Br J Oral Maxillofac Surg* 2017;**55**:227.
 15. Onafowokan O, Somaia N, Shakib K, Mitsimponas K. Rare incidence of two histologically different, separate tumours in the right parotid gland. *Br J Oral Maxillofac Surg* 2017; **55**:e23-e24.

16. Glass GE, Waterhouse N, Shakib K. Hilotherapy for the management of perioperative pain and swelling in facial surgery: a systematic review and meta-analysis. *Br J Oral Maxillofac Surg* 2016;**54**:851-6.
17. Mitsimponas KT, Moest T, Iliopoulos C, Rueger T, Mueller C, Lutz R, Shakib K, Neukam FW, Schlegel KA. Search for a reliable model for bisphosphonate-related osteonecrosis of the jaw: establishment of a model in pigs and description of its histomorphometric characteristics. *Br J Oral Maxillofac Surg* 2016;**54**:883-8.
18. Shakib K. Epidemic of Zika virus and maxillofacial surgery. *Br J Oral Maxillofac Surg* 2016;**54**:355-7.
19. Glass GE, Mosahebi A, Shakib K. Cross-specialty developments: a summary of the mutually relevant recent literature from the Journal of Plastic, Reconstructive and Aesthetic Surgery. *Br J Oral Maxillofac Surg* 2016;**54**:13-21.
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21. Popovic M, Stanojevic Z, Tosic J, Isakovic A, Paunovic V, Petricevic S, Martinovic T, Ciric D, Kravic-Stevovic T, Soskic V, Kostic-Rajacic S, Shakib K, Bumbasirevic V, Trajkovic V. Neuroprotective arylpiperazine dopaminergic/serotonergic ligands suppress experimental autoimmune encephalomyelitis in rats. *J Neurochem* 2015; **135**:125-38.
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Hobbies and Interests

My wife is an orthodontist and we have two children aged 19 and 15.

I am a keen footballer, playing 6-a-side with “over 40s” colleagues from the hospital twice a week, and am a seasoned polo player.

My interests include global current affairs and economics.