

CURRICULUM VITAE

Zaid Hamdoon BDS; MSc (OMFS); MFDS RCS (Glasgow); PhD
(London)

Academic title: Assistant Professor in Oral and Maxillofacial Surgery

Personal Details

Name: Zaid Ghanem Hamdoon

Nationality: Iraqi

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University of Sharjah, College of Dental Medicine

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Education / Qualifications

2000 Bachelor in Dental Surgery, University of Mosul

2005 Masters in Oral and Maxillofacial Surgery, University of Baghdad

2009 Membership of the royal college of Surgeon of Glasgow

2013 Doctor of Philosophy, University college of London (Clinical PhD with training programme)

2019 Dip Imp Dentistry royal college of surgeon of Edinburgh

Present Position

Assistant professor in Oral and Maxillofacial surgery, Sharjah University, College of Dental Medicine.

Oral & Maxillofacial/Head & Neck Surgery Appointments

Jun 07 - Jun 13, UCLH Head and Neck Centre, London
Clinical Assistant in Head and Neck Surgery

**March 2015-2016, Maktoum Bin Hamdan Dental University College,
Dubai, Assistant professor**

**September 2017-now, University of Sharjah, College of Dental medicine,
Assistant professor**

General Dental Appointments

General dentist, Iraqi ministry of health 2000-2003

Graduate student, Dept. of Oral and Maxillofacial surgery/University of Baghdad 2003-2005.

Clinical Experience

Part time private practice, Iraq: 2002 - 2005 as general dental practitioner.

Part time private practice, Mosul/Iraq: 2005 - 2007 as oral surgeon and implantologist at AL-Zohor poly dental clinic.

Clinical fellow: 2007-2013 at the university college of London Hospital

University senior clinician 2013-14/Department of Oral and Maxillofacial Surgery

Assistant professor 2015-2017/Maktoum Bin Hamdan University College

Presentations

Conference of Iraqi dental association March 2005, Erbil-Iraq

Twenty third meeting of Syrian society of research & prevention
16th-18th November 2005, Damascus- Syria

American Academy of continuous medical education March 2006

The 6th Oral Maxillofacial Surgery Congress of Pan Arab Association of
Oral & Maxillofacial Surgery, May 2006, Damascus- Syria

United Arab international dental conference & Arab dental exhibition
March 2006, Dubai-UAE

Annual Scientific Meeting, British Association of Oral & Maxillofacial
Surgeons, 3rd-5th June 2009, Bournemouth-UK

Annual Scientific Meeting and AGM, British Medical Laser Association,
14th-15th May 2009, Salisbury-UK

First Scientific Meeting, Head and Neck Optical Diagnostics Society, 14th
Mar 2009, London-UK

Twenty third International Congress Laser Medicine Conference and
Courses, November 6th - 7th , 2009, Florence-Italy

Second Scientific Meeting ,Head and Neck Optical Diagnostics Society, in
conjunction with SPIE Photonics West/Otolaryngology and Head and Neck
Section, Jan, 2010, San Francisco-USA.

The Second International Conference of Medical Sciences, 28-30 March
2010, Erbil-Iraq

Annual Scientific Meeting and AGM, British Medical Laser Association, 6th
-8th May 2010, Tarragona-Spain

Annual Scientific Meeting, British Association of Oral & Maxillofacial
Surgeons, 26th- 28th May 2010, Manchester-UK

SPIE Photonics West/Otolaryngology and Head and Neck Section, Jan,
2011, San Francisco-USA.

13th World Congress of the International Photodynamic Association May
2011 Innsbruck, Austria

Scientific dental conference, Al-Yamourk dental School, March 2013
Baghdad, Iraq

The 1st Iraqi-German dental implant conference, March 2014 Berlin, Germany

The 2nd Iraqi-German dental implant conference, March 2015 Hamburg, Germany

The 3rd Iraqi-German dental implant conference, November 2016 Hamburg, Germany

Audit Experience

University College Hospital, London (2009)

The surgeon's experience versus complications in third molar surgery

University College Hospital, London (2009)

The use of ultrasound-guided PDT in management of deep seated pathologies

University College Hospital, London (2010)

Invention of WHO guidelines for general anaesthesia

Published Articles (sited on pubmed)

Jerjes W, **Hamdoon Z**, Berg K, Høgset A, Hopper C. Recurrent chondroblastic osteosarcoma of the right mandible subjected to photochemical internalization. Photodiagnosis Photodyn Ther. 2019 Sep;27:288-290

Jerjes W, **Hamdoon Z**, Al Rawi N, Hopper C. OCT in the diagnosis of head and neck pre-cancerous and cancerous cutaneous lesions: An immediate ex vivo study. Photodiagnosis Photodyn Ther. 2019 Sep;27:481-486.

Jerjes W, Yousif AA, **Hamdoon Z**, Hopper C. Non-metastatic cutaneous squamous cell carcinoma treated with photodynamic therapy using intravenous mTHPC. Photodiagnosis Photodyn Ther. 2019 Aug

Jerjes W, **Hamdoon Z**, Yousif AA, Al-Rawi NH, Hopper C. Epithelial tissue thickness improves optical coherence tomography's ability in detecting oral cancer. Photodiagnosis Photodyn Ther. 2019 Aug

Sultan AA, Jerjes W, Berg K, Høgset A, Mosse CA, Hamoudi R, **Hamdoon Z**, Simeon C, Carnell D, Forster M, Hopper C. Disulfonated tetraphenyl chlorin (TPCS_{2a})-induced photochemical internalisation of bleomycin in patients with solid malignancies: a phase 1, dose-escalation, first-in-man trial. *Lancet Oncol*. 2016 Jul 27.

Jerjes W, **Hamdoon Z**, Hamoudi R, Al-Khawalde M, Hopper C. Gigantic vascular anomaly in a PHACE syndrome patient managed with photodynamic therapy. *Photodiagnosis Photodyn Ther*. 2016 May

Jerjes W, **Hamdoon Z**, Abdulkareem AA, Hopper C. Photodynamic therapy in the management of actinic keratosis: Retrospective evaluation of outcome. *Photodiagnosis Photodyn Ther*. 2016 May

Hamdoon Z, Jerjes W, McKenzie G, Jay A, Hopper C. Optical coherence tomography in the assessment of oral squamous cell carcinoma resection *Photodiagnosis Photodyn Ther*. 2016 Mar

Hamdoon Z, Jerjes W, Upile T, McKenzie G, Jay A, Hopper C. Optical coherence tomography in the assessment of suspicious oral lesions: an immediate ex vivo study. *Photodiagnosis Photodyn Ther*. 2013 Feb;10(1):17-27.

Al-Delayme R, Al-Khen M, **Hamdoon Z**, Jerjes W. Skeletal and dental relapses after skeletal class III deformity correction surgery: single-jaw versus double-jaw procedures. *Oral Surg Oral Med Oral Pathol Oral Radiol*. 2013 Apr;115(4):466-72.

Upile T, Jerjes W, Abiola J, Kafas P, Sandison A, **Hamdoon Z**, Al-Khawalde M, Radhi H. A patient with primary Burkitt's lymphoma of the postnasal space: case report. *Head Neck Oncol*. 2012 Jun 13;4:33. doi: 10.1186/1758-3284-4-33.

Hamdoon Z, Jerjes W, Al-Delayme R, Hopper C. Solitary giant neurofibroma of the neck subjected to photodynamic therapy: case study. *Head Neck Oncol*. 2012;4:30.

Hamdoon Z, Jerjes W, Al-Delayme R, McKenzie G, Jay A, Hopper C. Structural validation of oral mucosal tissue using optical coherence tomography. *Head Neck Oncol*. 2012 Jun 6;4:29.

Upile T, Jerjes W, Singh S, Al-Khawalde M, **Hamdoon Z**, Radhi H, Hopper C. The use of specific anti-growth factor antibodies to abrogate the oncological consequences of transfusion in head & neck squamous cell carcinoma: an in vitro study. *Head Neck Oncol*. 2012 May 16;4:22.

Jerjes W, **Hamdoon** Z, Hopper C. CO2 lasers in the management of potentially malignant and malignant oral disorders. *Head Neck Oncol.* 2012 Apr 30;4:17.

Jerjes W, **Hamdoon** Z, Hopper C. Photodynamic therapy in the management of potentially malignant and malignant oral disorders. *Head Neck Oncol.* 2012 Apr 30;4:16.

Jerjes W, Upile T, Alexander Mosse C, **Hamdoon** Z, Morcos M, Morley S, Hopper C. Prospective evaluation of 110 patients following ultrasound-guided photodynamic therapy for deep seated pathologies. *Photodiagnosis Photodyn Ther.* 2011 Dec;8(4):297-306.

Jerjes W, Upile T, **Hamdoon** Z, Alexander Mosse C, Morcos M, Hopper C. Photodynamic therapy outcome for T1/T2 N0 oral squamous cell carcinoma. *Lasers Surg Med.* 2011 Aug;43(6):463-9.

Jerjes W, Upile T, **Hamdoon** Z, Mosse CA, Akram S, Morley S, Hopper C. Interstitial PDT for vascular anomalies. *Lasers Surg Med.* 2011 Jul;43(5):357-65.

Jerjes W, Upile T, **Hamdoon** Z, Abbas S, Akram S, Mosse CA, Morley S, Hopper C. Photodynamic therapy: The minimally invasive surgical intervention for advanced and/or recurrent tongue base carcinoma. *Lasers Surg Med.* 2011 Apr;43(4):283-92.

Jerjes W, Upile T, **Hamdoon** Z, Al-Khawalde M, Morcos M, Mosse CA, Hopper C. CO2 laser of oral dysplasia: clinicopathological features of recurrence and malignant transformation. *Lasers Med Sci.* 2012 Jan;27(1):169-79.

Jerjes W, Upile T, **Hamdoon** Z, Mosse CA, Akram S, Hopper C. Photodynamic therapy outcome for oral dysplasia. *Lasers Surg Med.* 2011 Mar;43(3):192-9.

Osher J, Jerjes W, Upile T, **Hamdoon** Z, Morley S, Hopper C. Adenoid cystic carcinoma of the tongue base treated with ultrasound-guided interstitial photodynamic therapy: a case study. *Photodiagnosis Photodyn Ther.* 2011 Mar;8(1):68-71.

Hamdoon Z, Jerjes W, Upile T, Hopper C. Optical coherence tomography-guided photodynamic therapy for skin cancer: case study. *Photodiagnosis Photodyn Ther.* 2011 Mar;8(1):49-52.

Upile T, Jerjes WK, Sterenborg HJ, Wong BJ, El-Naggar AK, Ilgner JF, Sandison A, Witjes MJ, Biel MA, van Veen R, **Hamdoon** Z, Gillenwater A, Mosse CA, Robinson DJ, Betz CS, Stepp H, Bolotine L, McKenzie G, Barr H, Chen Z, Berg K, D'Cruz AK, Sudhoff H, Stone N, Kendall C, Fisher S,

MacRobert AJ, Leunig A, Olivo M, Richards-Kortum R, Soo KC, Bagnato V, Choo-Smith LP, Svanberg K, Tan IB, Wilson BC, Wolfsen H, Bigio I, Yodh AG, Hopper C. At the frontiers of surgery: review. *Head Neck Oncol*. 2011 Feb 9;3(1):7.

Jerjes W, Upile T, **Hamdoon** Z, Mosse CA, Akram S, Hopper C. Prospective evaluation of outcome after transoral CO(2) laser resection of T1/T2 oral squamous cell carcinoma. Jerjes W, Upile T, **Hamdoon** Z, Mosse CA, Akram S, Hopper C.

Nhembe F, Jerjes W, Upile T, **Hamdoon** Z, Vaz F, Hopper C. Subglottic carcinoma treated with surgery and adjuvant photodynamic therapy. *Photodiagnosis Photodyn Ther*. 2010 Dec;7(4):284-7.

Hamdoon Z, Jerjes W, Upile T, Akram S, Hopper C. Metastatic renal cell carcinoma to the orofacial region: A novel method to alleviate symptoms and control disease progression. *Photodiagnosis Photodyn Ther*. 2010 Dec;7(4):246-50.

Hamdoon Z, Jerjes W, Upile T, Akram S, Hopper C. Cystic hygroma treated with ultrasound guided interstitial photodynamic therapy: case study. *Photodiagnosis Photodyn Ther*. 2010 Sep;7(3):179-82.

Hamdoon Z, Jerjes W, Upile T, Osher J, Hopper C. Lacrimal gland mantle lymphoma treated with photodynamic therapy: overview and report of a case. *Photodiagnosis Photodyn Ther*. 2010 Jun;7(2):129-33.

Hamdoon Z, Jerjes W, Upile T, Hoonjan P, Hopper C. Endoluminal carotid stenting prior to photodynamic therapy to pericarotid malignant disease: technical advance. *Photodiagnosis Photodyn Ther*. 2010 Jun;7(2):126-8.

Jerjes W, Upile T, Petrie A, Riskalla A, **Hamdoon** Z, Vourvachis M, Karavidas K, J Clinicopathological parameters, recurrence, locoregional and distant metastasis in 115 T1-T2 oral squamous cell carcinoma patients. *Head Neck Oncol*. 2010 Apr 20;2:9. doi: 10.1186/1758-3284-2-9.

Jerjes W, Upile T, Shah P, Nhembe F, Gudka D, Kafas P, McCarthy E, Abbas S, Patel S, **Hamdoon** Z, Abiola J, Vourvachis M, Kalkani M, Al-Khawalde M, Leeson R, Banu B, Rob J, El-Maaytah M, Hopper C. Risk factors associated with injury to the inferior alveolar and lingual nerves following third molar surgery-revisited. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod*. 2010 Mar;109(3):335-45.

Nhembe F, Jerjes W, Upile T, **Hamdoon** Z, Hopper C. Chondrosarcoma of the hyoid treated with interstitial photodynamic therapy: case study. *Photodiagnosis Photodyn Ther*. 2009 Sep-Dec;6(3-4):235-7.

Jerjes W, Upile T, **Hamdoon Z**, Nhembe F, Bhandari R, Mackay S, Shah P, Mosse CA, Brookes JA, Morley S, Hopper C. Ultrasound-guided photodynamic therapy for deep seated pathologies: prospective study. *Lasers Surg Med*. 2009 Nov;41(9):612-21.

Jerjes W, Upile T, Conn B, **Hamdoon Z**, Betz CS, McKenzie G, Radhi H, Vourvachis M, El Maaytah M, Sandison A, Jay A, Hopper C. In vitro examination of suspicious oral lesions using optical coherence tomography. *Br J Oral Maxillofac Surg*. 2010 Jan;48(1):18-25. doi: 10.1016/j.bjoms.2009.04.019.

Published Articles (not PubMed sited)

McKenzie G, Jerjes W, **Hamdoon Z**, Hopper C. Multiple beams boost resolution of OCT. *BioOptics World* 2008 Nov-Dec:28-30.

Hamdoon Z, Anwar S, Jwad M. Clinical evaluation of the immediate loaded implants using resonance frequency analysis part I. Experimental study on dogs. *Iraqi dental journal*

MSc thesis supervision in UAE: Four students

Research Interest

- Optical diagnostics (fluorescence spectroscopy, elastic scattering spectroscopy, microendoscopy and optical coherence tomography) in detection of premalignant/malignant lesions in the head and neck
- The application of photodynamic therapy in head and neck cancer (palliative), hamartomas, skin tumours and head & neck cancer cell lines
- Assessment of postoperative complications and surgical difficulty in third molar surgery
- Dental implant and bone graft
- Hard and soft tissue facial trauma

Courses & Conferences (organised/ contributed to)

Mar 09, Head and Neck Optical Diagnostics Society 1st Scientific Meeting, UCLH Educational Centre, London

Nov 2009 UCLH Educational Centre, London Co2 Laser training and safety course

April 2012, Iraqi Society of Osseointegration (ISO), Core surgical training in dental implant, Baghdad

March 2013, Iraqi Society of Osseointegration (ISO), Multicenter dental implant training course, Baghdad

December 2103, University of Mosul, Advanced dental implant course, Mosul

March 2014, Advanced dental implant training course, University of Berlin.

Courses Organised in Dubai

21 January 2016 Hand hygiene and waste management, Maktoum Bin Hamdan Dental University College (MBHDUC), total credit hours (DHA): 6. Accreditation number: 0046/16

14 January 2016 Infection Control in Dental Clinic, Maktoum Bin Hamdan Dental University College (MBHDUC), total credit hours (DHA): 6. Accreditation number: 0061/16

28 January 2016 Medical Emergency in Dental Clinic (part 1) , Maktoum Bin Hamdan Dental University College (MBHDUC), total credit hours(DHA): 6. Accreditation number: 0143/16

29 January 2016 Medical Emergency in Dental Clinic (part 2), Maktoum Bin Hamdan Dental University College (MBHDUC), total credit hours(DHA): 5. Accreditation number: 0144/16

24-26 March 2016 Advanced Endodontic Course, Maktoum Bin Hamdan Dental University College (MBHDUC), total credit hours (DHA): 18. Accreditation number: 0435/16

07-09 April 2016 (3 day course with hands on patient) Principles and practice of dental Laser Maktoum Bin Hamdan Dental University College (MBHDUC), total credit hours (DHA): 20. Accreditation number: 0459/16

14-15 July 2016 Principles and practice of dental implant Maktoum Bin Hamdan Dental University College (MBHDUC), total credit hours (DHA): 11.5. Accreditation number: 0739/16

04 - 05 August 2016 Laser tissue interaction in dental applications Maktoum Bin Hamdan Dental University College (MBHDUC), total credit hours (DHA): 10. Accreditation number: 0752/16

8th-9th September 2016 Infection Control Maktoum Bin Hamdan Dental University College (MBHDUC), total credit hours (DHA): 8.5. Accreditation number: 0935/16

15th-16th December 2016 Emergency in Dental clinic, diagnosis and management. Maktoum Bin Hamdan Dental University College (MBHDUC), total credit hours (DHA): 10.5. Accreditation number: 1157/16.

10th-11th of February 2017 Principles of the three dimensional (3D) dental implant surgery Accreditation number: 0408/17

Courses (attended)

Nov 2005, One day educational lectures and workshop program on Oraltronic implant system, Switzerland

Feb 2005, Conscious sedation using Nitrous oxide sedation. Manchester

Nov 2007, Advanced Implantology Course, Germany

Feb 2008, Diploma in English for Academic purpose: University college of London (UCL), UK

Jun 2008, The use of the animal in the research (Biological Services: Modules 1-3): University college of London (UCL), UK

Jun 2008, Biological Services for animal experimentation: Module 4: University college of London (UCL), UK

Oct 2008, Science writing: University college of London (UCL), UK

Nov 2009, How to publish a world class scientific paper: University college of London (UCL), UK

Mar 09, Elastic Scattering Spectroscopy workshop: UCLH Educational Centre, London-UK

Mar 09, Optical Coherence Tomography workshop: UCLH Educational Centre, London-UK

Mar 09, Fluorescence Spectroscopy workshop: UCLH Educational Centre, London-UK

April 2009, Aesthetic Orthognathic Surgery: Royal college of surgeon of England, London-UK

May 2009, Introduction to Research Methods and Statistics, University college of London/Eastman dental institute, London -UK

Aug 2009, Trust induction day (Eastman dental school), London-UK

Sep 2009, Clinical governess: Royal Free Hampstead NHS Trust, London-UK

Oct 2009, PhD Induction Programme for Biomedical Sciences and Life Sciences: University college of London/Eastman dental institute, London-UK

Nov 2009, good clinical practice: Royal Free Hampstead NHS Trust, London-UK

Nov 2009, MFDS part 2 revision course: Royal college of surgeon of Glasgow-UK

Nov 2009, Photodynamic therapy study day: UCLH Educational Centre, London-UK

Nov 2009, Co2 Laser training and safety course: UCLH Educational Centre, London-UK

Dec 2009, Critical Appraisal: ICH Centre for Paediatric Epidemiology and Biostatistics Courses, London-UK

April 2010, Effective Academic Writing Individual Tutorials: University college of London (UCL), London-UK

May 2010, Getting Started with SPSS: ICH Centre for Paediatric Epidemiology and Biostatistics Courses, London-UK

May 2010 Getting Started with Photoshop: University college of London (UCL), London-UK

**May 2010 A comparison of open and closed rhinoplasty techniques:
Manchester Royal infirmary, Manchester-UK**

**June 2010 Introduction to Regression Analysis: ICH Centre for Paediatric
Epidemiology and Biostatistics Courses, London-UK**

**June 2010 Essential IT for Research: University college of London (UCL),
London-UK**

**9 Nov 2010 Library Skills Training for the Biomedical Sciences”
Introduction to biomedical databases and literature searching” Royal
Free Hospital Medical Library, Royal Free Hospital, London-UK**

**15 Nov 2010 Library Skills Training for the Biomedical Sciences:
“Advanced and systematic literature searching using biomedical
Databases” Royal Free Hospital Medical Library, Royal Free Hospital,
London-UK**

**24 Nov 2010 Library Skills Training for the Biomedical Sciences:
“Sources of evidence-based clinical information” Royal Free Hospital
Medical Library, Royal Free Hospital, London-UK**

**20 Jan 2011 Library Skills Training for the Biomedical Sciences: “Getting
your research noticed - assessing the impact of research” Royal Free
Hospital Medical Library, Royal Free Hospital, London-UK**

**24 Jan 2011 Library Skills Training for the Biomedical Sciences: “Journal
club - critical appraisal of a randomised controlled trial and
a systematic review” Royal Free Hospital Medical Library, Royal Free
Hospital, London-UK**

**25 Jan 2011 Library Skills Training for the Biomedical Sciences:
“Plagiarism and citing” Royal Free Hospital Medical Library, Royal Free
Hospital, London-UK**

**7th December 2010 Basic Life Support Training Eastman Dental Hospital,
London-UK**

**23 November 2010 Contemporary Options for Dental Implants in Every
Day Practice.” Eastman Dental Hospital, London-UK**

Conferences & Meetings (attended without presentation)

Dubai dental scientific conference and exhibition, Adeec Annual meeting
2nd-4th Feb 2004

The 13th Friadent Symposium in Berlin 18-19 April 2008.

The 14th DENTSPLY Friadent Symposium in Barcelona, Spain 19-20 March
2010

ITI World Symposium in Geneva, Switzerland 16th April 2010

Membership of Professional Bodies and Learned Societies

Iraqi hard tissue society (chairman and founder)

Iraqi society of Osseointegration (chairman and founder)

World Organisation of Dental Implantology (founder and council member)

Iraqi Dental Association

Head and Neck Optical Diagnostics Society

British association of Oral and Maxillofacial Surgery

British medical laser association

German association of oral implantology (DGOI)

Interests & Activities

Basket ball-professional level

Painting-professional level

Photography-professional level