



Curriculum Vitae

Igor Robert Blum

DMD, PhD, Dr Med Dent, MSc, MA (Educ), MFDS RCS (Eng), MFDS RCS (Edin), FDS (Rest Dent) RCS (Eng), FFGDP(UK), FCGDent, PGCHE, FHEA, FICD, LLM (Medico-Legal)

Maurice Wohl Professor of Primary Care Dentistry & Advanced

General Dental Practice

Director of Dental Outreach Education

Faculty of Dentistry, Oral & Craniofacial Sciences, King's College London, London, UK

Head, Department of Primary Care Dentistry

Academic Head, Department of Restorative Dentistry

Hon. Consultant in Restorative Dentistry

King's College Hospital Dental Institute, London, UK

General Dental Council (UK) Registered Specialist in Prosthodontics, Periodontics,
Endodontics & Restorative Dentistry

Honorary Clinical Director, University of Portsmouth Dental Academy

Editor-in-Chief, Primary Dental Journal

Associate Editor, Frontiers in Dentistry

E-Mail: igor.blum@kcl.ac.uk

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Personal details

Name Igor Robert Blum
Place of Birth Frankfurt am Main, Germany
Sex Male
Nationality British, German, Norwegian
Work address Restorative Dentistry, Bessemer Road, King's College Hospital
Dental Institute, London, SE5 9RW
E- Mail igor.blum@kcl.ac.uk

Qualifications *in reverse chronological order*

- **MA with Distinction** (Education), University of Lincoln (2021)
- **LLM** (Master of Laws – Legal Aspects of Medical Practice), University of Cardiff (2017)
- **PGCHE** (Postgraduate Certificate in Teaching and Learning in Higher Education), University of Bristol (2010)
- **PhD** (Restorative Dentistry), University of Manchester (2002)
- **Dr Med Dent with Distinction** (Operative Dentistry), University of Frankfurt, Germany (2002)
- **MSc** (Oral & Maxillofacial Surgery), University of Manchester (1997)
- **Statutory License Examination** (1997)
- **DMD with Cum Laude** (Dentistry), Semmelweis University, Budapest, Hungary (1995).

Dissertations and Theses

- **MA** – Standards-Based Grading as an Alternative to Summative Assessments in Higher Education: A Systematic Literature Review and Case Study
- **LLM** – Medical and Dental Negligence: Defensive Medicine versus Compensation Culture and Options for Reform.

- **PhD** – A volumetric measurement of the morphologic changes in the mandible, over a one-year period, when implant-stabilised overdentures are used.
- **Dr Med Dent** – An international survey of teaching of repair of direct composite restorations.
- **MSc** – Evaluation of the combined effect of Metronidazole and Chlorhexidine on the prevention of dry socket following the surgical removal of mandibular third molars.
- **DMD** – A retrospective study on incidence and management of dental trauma at a dental school in Hungary.

Fellowships and Memberships in reverse chronological order

- **FICD** – Fellowship, International College of Dentists (2022)
- **FCGenDent** – Foundation Fellow – College of General Dentistry (2020)
- **FFGDP (UK)** – Fellowship – Faculty of General Dental Practice (UK) (2017)
- **FDS (Rest Dent) RCS (Eng)** – Fellowship in Dental Surgery following successful completion of the intercollegiate examination in the specialty of Restorative Dentistry, Royal College of Surgeons of England (2012)
- **FHEA** – Fellowship in Higher Education, Higher Education Academy (2009)
- **MFDS RCS (Eng)** – Membership of the Faculty of Dental Surgery, Royal College of Surgeons of England (2004)
- **MFDS RCS (Edin)** – Membership of the Faculty of Dental Surgery, Royal College of Surgeons of Edinburgh (2004).

Fellowship ad Eundem in recognition for professional achievements in Dentistry

- **FFDRCSI** – Fellowship, Faculty of Dentistry, Royal College of Surgeons in Ireland (2022)
- **FFGDP (UK)** – Faculty of General Dental Practice (UK), Royal College of Surgeons of England for contribution to academic dental practice and services to the dental profession (2016).

Awards

- **IADR Ivar Mjör Award** for practice-based research (2024) – the highest award offered by IADR practice-based research network for “*distinguished contributions to practice-based research with great impact and relevance to the work of dental practitioners*”. <https://www.iadr.org/awards/ivar-mjor-award-practice-based-research>
- **MA Education School Award** for ‘*best of year MA dissertation in Education*’, College of Social Science, University of Lincoln (2021)
- **ADEE Excellence in Dental Education Mature Career Award** (2021) the highest and most prestigious dental educator award offered by the Association for Dental Education in Europe (ADEE) for ‘*international recognition of excellence in dental education*’. <https://adee.org/news/adee-2021-excellence-awards>
- **King’s College London Award** for ‘*Most Outstanding Commitment in terms of Primary Dental Care to London and Local Communities*’ (2019)

Present appointments

Academic appointments

- **Maurice Wohl Professor in Primary Care Dentistry & Advanced General Dental Practice**, Faculty of Dentistry, Oral & Craniofacial Sciences, King’s College London (2021 – ongoing)
- **Head, Department of Primary Care Dentistry**, King’s College Hospital Dental Institute (2013 – ongoing)
- **Academic Head, Department of Restorative Dentistry**, King’s College Hospital Dental Institute (2015 – ongoing)
- **Honorary Clinical Director**, University of Portsmouth Dental Academy, (2018 – ongoing)
- **Director for Dental Outreach Education**, Faculty of Dentistry, Oral & Craniofacial Sciences, KCL (2018 – ongoing)
- **Visiting Professor**, University of Florida College of Dentistry, USA
- **Visiting Professor**, Oman Dental College, Muscat, Oman

NHS (Hospital) appointments

- **Clinical & Service Lead in Restorative Dentistry**, King's College Hospital (2020 – ongoing)
- **Hon. Consultant in Restorative Dentistry** (0.8 wte), King's College Hospital (2013 –
 - ongoing)
- **Consultant in Restorative Dentistry** (0.2 wte), Stoke Mandeville Hospital, Buckinghamshire NHS Healthcare Trust (2013 – ongoing)
- **Member of the Regional Dental School Liaison Committee**, Higher Education England (2021– ongoing)
- **Member of the Southeast London Acute Collaborative Provider Hospital Network** (2023 – ongoing).

Previous appointments

Academic appointments

- **Reader in Restorative Dentistry**, Faculty of Dentistry, Oral & Craniofacial Sciences, KCL (2018 – 2021)
- **Hon. Senior Lecturer in Restorative Dentistry**, Faculty of Dentistry, Oral & Craniofacial Sciences, KCL (2014 – 2018)
- **Lead for Dental Outreach Education at the Maurice Wohl Outreach centre**, Faculty of Dentistry, Oral & Craniofacial Sciences, KCL (2014 – 2018)
- **Clinical Lecturer in Restorative Dentistry**, University of Bristol Dental School (2005 – 2013)
- **Hon. Clinical Teacher in Restorative Dentistry** (0.2 wte), University of Manchester Dental School (2004 – 2005)
- **Hon. Clinical Teacher in Oral Surgery** (0.2 wte), University of Manchester Dental School (2004 – 2005).

NHS (Hospital) appointments

- **Honorary Specialist Registrar in Restorative Dentistry**, Bristol Dental Hospital (2006 – 2012)

- **Senior Dental Officer**, NHS England Southwest (Jan 2006 – 2013).
- **Clinical Assistant in Restorative Dentistry** (0.2 wte), Manchester Dental Hospital (Jan. 2004 – July 2005)
- **Clinical Teacher in Oral Surgery** (0.2 wte), Manchester Dental Hospital (Jan. 2004 – July 2005)
- **Vocational Dental Practitioner**, North Western Deanery (Aug. 2002 – July 2003).

External assessor/ examiner appointments

- **External examiner** for MSc and PhD candidates, University of Plymouth (2017 – 2020)
- **External examiner** for Diploma and MSc in Advanced Dental Clinical Practice, University of Kent (2016 – 2019)
- **External Examiner**, Oman Dental College, Muscat, Oman (2023 – 2027)
- **External Examiner**, National University of Malaysia, Kuala Lumpur (2023 – 2027)

General Dental Practice

- **Associate dentist** in general dental practice (part-time), Coppull Dental Practice, Spendmore Lane, Chorley, PR7 5BY (Aug. 2003 – April 2004)
- **Associate dentist** in general dental practice (part-time), Sale Dental Surgery, Norris Road, Manchester, M33 2UG (May 2004 – July 2005).

Department of Health (UK)

- **Advisor** to the Office of the Chief Dental Officer (England) (2013 – 2014).

Professional registrations

- **General Dental Council**, Registration No. 78865
- **The Medical and Dental Defence Union of Scotland** (MDDUS), Registration No. D155520
- **NHS Performer List**, Registration No. 960055

General Dental Council Specialist List Registrations

- **Prosthodontics**
- **Endodontics**
- **Periodontics**
- **Restorative Dentistry**

Accessible at:

<https://olr.gdc-uk.org/SearchRegister/SearchResult?Register=100000000&FirstNameSoundsLike=False&Surname=blum&SurnameSoundsLike=False&IncludeErasedRegistrants=False&RegistrationNumber=78865&SortAscending=True>

NHS Performer List Registration

- **Active registration**, NHS performer No.: 960055 linked to GDC No.: 78865

Accessible at:

<https://www.performer.england.nhs.uk/Search/QuickSearch?SearchString=igor%20blum>

Current Leadership, Administration and Management Roles

King's College Hospital. Dental Care Group

- Clinical and Academic Lead for Restorative Dentistry
- Lead for Clinical Services and clinical governance in Dental Outreach (Norwood Hall, KCH)
- Member, Dental Management Group
- Member, Patient Safety, Risk & Governance Group
- Hospital-Academic liaison representative

King's College London. Faculty of Dentistry. Oral & Craniofacial Sciences

- Chair, Sub-Board Assessment Committee (BDS Year 5), KCL
- Chair, Primary Care Dentistry & Advanced General Dental Practice

- Lead, BDS Critical Reasoning Examination (BDS Final), KCL
- Member, Executive Assessment Board, KCL (BDS Years 1- 5)
- Member, Quality Assurance & Quality Enhancement Committee
- Member, Student Progress Committee (BDS Year 5), KCL (BDS Years 1- 5)
- Member, Curriculum Committee (BDS Year 5), KCL
- Member, Staff – Student Liaison Committee (BDS Year 5), KCL
- Member, Dental Risk & Governance Committee, King’s College Hospital Dental Institute
- Lead for Dental Outreach Education
- Final BDS (Critical Reason Examination – Restorative) Examination Convenor (2019)
- Organisation and delivery of didactic teaching sessions at the Maurice Wohl Dental Outreach Centre.

Professional Board, Council and Committee Memberships

- Council member, College of General Dentistry
- Chair, Editorial Board, *Primary Dental Journal* (2017 – ongoing)
- Standards in Dentistry Committee, College of General Dentistry
- Specialist Training Committee in Restorative Dentistry, Higher Education England.
- Regional Dental School Liaison Committee, Higher Education England
- Board member, British Dental Editors and Writers Forum
- Council member, European Prosthodontic Association
- Scientific Group member, European Federation of Conservative Dentistry
- Risk and Governance Committee, Dental Care Group, KCH
- Dental Management Group, Dental Care Group, KCH
- Quality Assurance & Quality Enhancement Committee, KCL
- FGDP Faculty Board (2017-2021), Faculty of General Dental Practice (UK)
- Professional Affairs Committee, College of General Dentistry

Editorial Board Memberships

- Editor-in-Chief, *Primary Dental Journal* (2017 – ongoing)
- Associate Editor, *Frontiers in Dentistry Journal* (2020 – ongoing)
- *Journal of Dentistry* (2012 – ongoing)
- *Journal of Restorative Dentistry* (2013 – ongoing)
- *Journal of Prosthetic Dentistry* (2015 – ongoing)

- Private Dentistry Journal (2017 – ongoing).

Membership of Learned Societies

- College of General Dentistry, Foundation Fellow, 2020 – ongoing
- Association for Dental Education in Europe (ADEE), 2018 – ongoing
- European Prosthodontic Association, 2016 – ongoing
- British Society of Prosthodontics, 2010 – ongoing
- Higher Education Academy, 2010 – ongoing
- British Society for Restorative Dentistry, 2008 – ongoing
- British Society for Dental Research, 2007– ongoing
- International Association for Dental Research, 2007– 2015
- British Dental Association, 2005 – 2012
- FGDP, Royal College of Surgeons of England, 2017 – ongoing
- FDS, Royal College of Surgeons of England, 2004 – ongoing
- FDS, Royal College of Surgeons of Edinburgh, 2004 – ongoing.

Clinical Governance

- **Lead for Patient safety, Risk and Governance**, Restorative Dentistry, King's College Hospital, 2020 – ongoing.
- **Lead for Patient safety, Risk and Governance**, Primary Dental Care and Dental Outreach, King's College Hospital, 2014 – ongoing.

Audits in reverse chronological order

- Audit of patient consent at a practice-based university primary dental care department (2023)
- Audit of dental record keeping at a practice-based university dental outreach department (2022)
- Audit to assess quality of primary dental models and special trays for edentulous arches made at a commercial dental laboratory for the Maurice Wohl GDP Centre (2017).
- Audit of diagnostic quality of Year 5 student radiographs at the Maurice Wohl Dental Centre (2016).

- Audit of dental prescriptions between an outreach dental clinic and two commercial dental laboratories clinics and dental laboratories (2015).
- Audit of health-related quality of life of Head and Neck cancer patients treated with various treatment modalities (2012).
- Audit of needlestick injuries on the restorative undergraduate student clinic (2010-2011).
- Audit of endodontic referrals to the Bristol Dental Hospital (2010-2011).
- Audit of the accuracy of note keeping in patient record notes (2010).
- Audit of the accuracy and adequacy of patient details and instructions on laboratory prescriptions at a UK dental teaching hospital (2009).
- Audit of the accuracy of fit of cobalt-chrome metal frameworks on master casts (2008).
- Audit of waiting times for patients attending a dental practice (2003).
- Audit of small film radiographs taken in dental practice (2002).

Quality Assurance

- **Lead for Dental Quality Assurance**, Restorative Dentistry, King's College Hospital, 2020 – ongoing.
- **Lead for Dental Quality Assurance**, Primary Dental Care and Dental Outreach, King's College Hospital, 2014 – ongoing.
- **Member of Clinical Governance Steering Group**, Bristol Dental Hospital (2010 – 2012).

Teaching Experience

Undergraduate BDS

⇒ **KCL Faculty of Dentistry, Oral & Craniofacial Sciences, 2014 – ongoing**

- Director for Dental Outreach Education and Integrated Clinical Care, King's College London & Department of Primary Dental Care, King's College Hospital.
- Large and small group didactic teaching, clinical teaching and clinical supervision
- Lecturing

- Lead for Clinical Governance teaching at Maurice Wohl Outreach Centre
- Lead for Dental Foundation interview course at Maurice Wohl Outreach Centre
- Preparation of annual reviews for primary dental care and outreach teaching.

⇒ **University of Bristol Dental School, 2005 – 2013**

- Clinical teaching and clinical supervision of all aspects of restorative dentistry
- Element Organiser for Clinical Prosthetic Dentistry
- Element Organiser for Advanced Restorative Clinical Skills
- Unit Lead for Restorative Clinical Skills
- Theme lead for clinical skills (years 2, 3 and 4)
- Preparation of quality assurance reports for internal and external reviews.

⇒ **University of Manchester Dental School, 2004 – 2005**

- Clinical teaching and clinical supervision in Restorative Dentistry.

⇒ **Online learning resources**

- Question contribution to Single Best Answers (SBAs), Best of Fives (BOFs) and
- Extended Matching Questions (EMQs) in restorative dentistry for PasTest Ltd. learning resources (online and book format). Published in 2013.
- Books and Courses - www.pastest.co.uk
- Online Revision - www.pastest.co.uk/mypastest

Dental Care Professionals

⇒ **King's College Hospital**

- Didactic teaching of dental hygiene & therapy students at outreach centre
- Clinical teaching and supervision of dental hygiene & therapy students at outreach centre
- Teaching of treatment planning to dental hygiene & therapy students at outreach centre.

Postgraduate

⇒ **KCL Faculty of Dentistry, Oral & Craniofacial Sciences, 2016 – ongoing**

- Postgraduate Diploma course in Endodontics
- Postgraduate Diploma course in Operative Dentistry

- MCLinDent in Prosthodontics

⇒ **King's College Hospital**

- Pan London Critical Appraisal course for restorative specialty trainees (2016 – 2017) in preparation for the Intercollegiate Specialty Fellowship Examination
 - (ISFE) in Restorative Dentistry.
- Clinical and didactic teaching of restorative specialist trainees and dental core trainees

⇒ **Royal College of Surgeons of England**

- ISFE Management preparation course, Faculty of Dental Surgery.

Webinars

- Management of failing restorations – Repair or Replace? School of Dentistry, International Medical University, Kuala Lumpur, Malaysia, 7 December 2023
- Decision making criteria for the repair of dental restorations, Hungarian Dental Association, 23 May 2022
- ADEE 2021 SIG Session: Intraprofessional Education: Special Interest Group on Intraprofessional Education in Dental Education. 3 June 2021
<https://adee.org/adee-2021-sig-session-intraprofessional-education>
- Posterior composites: a guide to clinical success. The Dental Channel, 16 September 2020. <https://www.dental-channel.co.uk/my-learning/courses/posterior-composites-a-guide-to-clinical-success>
- Dental management of patients with head & neck cancer. The Dental Channel, 6 September 2018. <https://www.dental-channel.co.uk>
- The multidisciplinary management of patients with hypodontia. The Dental Channel, 9 April 2015. <https://www.dental-channel.co.uk>

Examinerships

Undergraduate BDS

⇒ **KCL Faculty of Dentistry, Oral & Craniofacial Sciences**

- Chair, Sub-Board Committee for Assessment and Examination
- Lead, Final BDS part B (Critical Reasoning Examination - Restorative Disciplines)
- Examiner for Final BDS examination.

⇒ **University of Bristol Dental School, 2005 – 2013**

- Lead for standard setting for summative assessments in Restorative Dentistry and Prosthodontics
- Internal examiner in Periodontics, Endodontics, Prosthodontics and Restorative Dentistry (years 3,4 and 5)
- Organizer of BDS part 2 final examination (Restorative Dentistry section).

External undergraduate

⇒ **Oman Dental College, 2023 – 2027**

BDS Years 3 and 4 programmes.

Postgraduate

⇒ **KCL Faculty of Dentistry, Oral & Craniofacial Sciences, 2014 – ongoing**

⇒ **University of Bristol Dental School, 2007 – 2012**

- Master of Science (MSc) in Prosthodontics (examination and dissertations)
- Master of Science (MSc) in Dental Implantology (examination and dissertations).

External postgraduate

⇒ **Faculty of Dental Surgery, Royal College of Surgeons of England, 2006 – 2013**

- MFDS RCS examination

- MJDF RCS examination
- Diploma in Endodontics Final Exam
- Module 7 examiner for Blended Learning MClindent programme in Prosthodontics
 - ⇒ **Faculty of Dental Surgery, Royal College of Surgeons of Edinburgh, 2006 – 2016**
- MFDS RCS examination

⇒ **University of Kent, 2016 – 2022**

14 MSc and 32 PGDip candidates in Primary Dental Care

⇒ **University of Plymouth, 2018**

Examined 1 PhD candidate in Dental Sciences

⇒ **The National University of Malaysia, 2023 – 2027**

DClindent programme in Restorative Dentistry

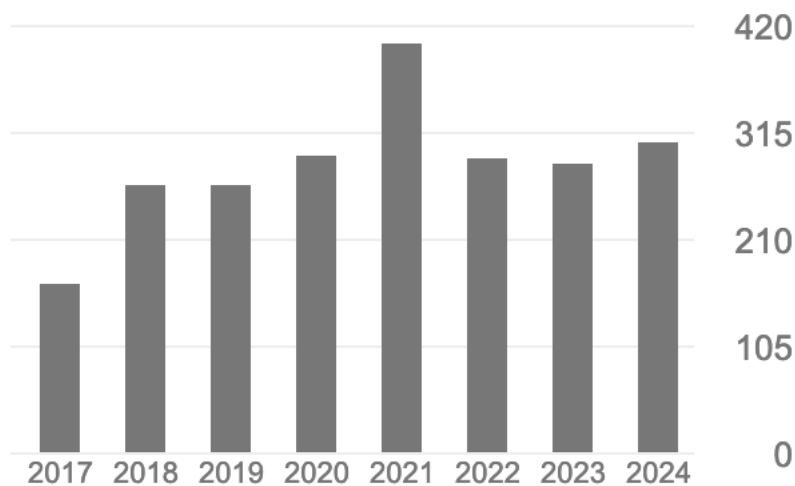
H index, citations and impact factor

⇒ **Personal Bibliometrics**

⇒ H index: 29

⇒ Bibliometrics derived from the **Google Scholar Index** statistics are as follows:

Cited by	VIEW ALL	
	All	Since 2019
Citations	3277	1850
h-index	29	23
i10-index	44	43



(Accessed on 18 November 2024)

Full details can be access via the below link:

<https://scholar.google.com/citations?user=tk6cKfIAAAAJ&hl=en&oi=ao>

Publications

Articles in peer reviewed journals

1. Spielman R, Ameh G, Brandes I, Berkowitz L, Elson N, **Blum IR**. Challenges in differential diagnosis and treatment of cervical root resorption vs. root caries. *Primary Dental Journal* 2024 Jun;13(2):65-70.
2. Ong JEX, **Blum IR**. Evidence-based clinical management of localised tooth wear and a repeatedly dislodged posterior crown utilising the Dahl Concept. *Primary Dental Journal* 2024 Jun;13(2):58-64
3. **Blum IR**. Primary care dentistry: Past, present and future. *Journal of Dentistry* 2024 Jun;145:105007. doi: 10.1016/j.jdent.2024.105007. Epub 2024 Apr 25. PMID: 38677403.
4. Michelinakis G, Apostolakis D, Nikolidakis D, **Blum IR**. A comprehensive review and update on the current state of computer-assisted rehabilitation in implant dentistry. *Primary Dental Journal* 2024 Mar;13(1):64-73.
5. Kanzow P, Lechte C, Wiegand A, Wilson NHF, Lynch CD, **Blum IR**. Teaching of posterior composites for the restoration of permanent teeth in undergraduate dental training programmes: Systematic review and meta-analysis. *Journal of Dentistry* 2023 Aug;135:104589. doi: 10.1016/j.jdent.2023.104589. Epub 2023 Jun 17. PMID: 37336355.
6. Baker L, Valadas Marques A, **Blum IR**. Dental Therapists' Role in the Provision of Aesthetic Dentistry in Dental Practice. *Primary Dental Journal* 2023 Jun;12(2):30-36. doi: 10.1177/20501684231178075. PMID: 37313880.
7. Kelleher MG, Ruparelia R, **Blum IR**. Doctors' Drugs and the Dangers of Dental Decay. *Primary Dental Journal* 2023 Mar;12(1):63-71. doi: 10.1177/20501684231156958. PMID: 36916630.
8. Giroto LPDS, Chisini LA, Lynch CD, **Blum IR**, Wilson NH, Sarkis-Onofre R, Carvalho RV, van de Sande FH. Teaching of composite restoration repair in Brazilian dental schools. *Journal of Dentistry* 2023 Mar;130:104410. doi: 10.1016/j.jdent.2023.104410. Epub 2023 Jan 7. PMID: 36626975.
9. Daood U, Sidhu P, Jamayet NB, Kohli S, Malik NA, Lin SL, **Blum IR**, Lynch CD, Wilson NHF. Current and future trends in the teaching of removable partial dentures in dental schools in Malaysia: A cross sectional study. *Journal of Dentistry* 2022 Sep;124:104225. doi: 10.1016/j.jdent.2022.104225. Epub 2022 Jul 13. PMID: 35842010.
10. Melo L, **Blum IR**, Foxton RM. Should new operating procedures arising from COVID-19 make us re-think our management of deep caries? *Primary Dental Journal* 2022 Mar;11(1):72-74. doi: 10.1177/20501684221085872

11. Nassar M, Al-Fakhri O, Shabbir N, Islam MS, Gordan VV, Lynch CD, Wilson NHF, **Blum IR**. Teaching of the Repair of Defective Composite Restorations in Middle Eastern and North African Dental Schools. *Journal of Dentistry* 2021 Jul 30;112:103753. doi: 10.1016/j.jdent.2021.103753.
12. Alshihri AA, Salem DM, Alnassar TM, Alharbi NM, Lynch CD, **Blum IR**, Wilson NHF, Aldossary MS. Influence of dental college funding and time of establishment on the satisfaction of dental graduates with their undergraduate experience in Saudi Arabia. *Journal of Dentistry* Jul;110:103685. doi: 10.1016/j.jdent.2021.103685. Epub 2021 May 4.
13. Sidhu P, Sultan OS, Math SY, Malik NA, Wilson NHF, Lynch CD, **Blum IR**, Daood U. Current and future trends in the teaching of direct posterior resin composites in Malaysian dental schools: a cross-sectional study. *Journal of Dentistry* 2021 Jul;110:103683. doi: 10.1016/j.jdent.2021.103683. Epub 2021 May 3.
14. Alshihri AA, Salem DM, Alnassar TM, Alharbi NM, Lynch CD, **Blum IR**, Wilson NHF, Aldossary MS. A nationwide survey assessing the satisfaction of dental colleges graduates with their undergraduate experience in Saudi Arabia. *Journal of Dentistry* 2021 Jul;110:103685. doi: 10.1016/j.jdent.2021.103685. Epub 2021 May 4.
15. **Blum IR**, Martos R, Szalóki M, Lynch CD, Hegedűs C. Effects of different surface treatments and adhesive self-etch functional monomers on the repair of bulk fill composites: A randomised controlled study. *Journal of Dentistry* 2021 May;108:103637. doi: 10.1016/j.jdent.2021.103637. Epub 2021 Mar 22.
16. Kelleher MGD, Ooi HL, **Blum IR**. Facts and fallacies about occlusal philosophies for full mouth rehabilitation. *Primary Dental Journal* 2021 Mar;10(1):101-107. doi: 10.1177/2050168420981529.
17. Kelleher MGD, Ooi HL, **Blum IR**. Changes in occlusal philosophies for full mouth rehabilitation. *Primary Dental Journal* 2021 Mar;10(1):50-55. doi: 10.1177/2050168420981528.
18. **Blum IR**. Repair vs replacement of dental restorations. *Journal of the European Section of the International College of Dentists (ICDigest)*, 2021(2): 34-37 <https://icd-europe.com/wp-content/uploads/2021/03/ICDigest-2021-ORIGINAL.pdf>
19. Wong C, **Blum IR**, Louca C, Sparrius M, Wanyonyi K. A retrospective clinical study on longevity of posterior composite restorations over 11 years in a primary care dental outreach setting. *Journal of Dentistry* 2021; 106: 1-7 (103586)
20. **Blum IR**. The assessment and minimally invasive management of existing restorations. *Dental Update* 2020, 47(10): 823-828
21. Barnes JJ, **Blum IR**. Contemporary cleaning of the root canal system. *Primary Dental Journal* 2020;9(4): 24-30 DoI: 10.1177/2050168420963295

22. Kanagasingam S, **Blum IR**. Sodium hypochlorite extrusion accidents: management and medico-legal considerations. *Primary Dental Journal* 2020;9(4):59-63 DOI: 11177/2050168420963308
23. Hayes M, **Blum IR**, Da Mata C. Contemporary Challenges and Management of Dental Caries in the Older Population. *Primary Dental Journal* 2020 Sep;9(3):18-22. doi: 10.1177/2050168420943075.
24. Dhadwal AS, Sibanda L, **Blum IR**. Awareness and Understanding of Decision-Making Capacity and its Relationship to Legally Valid Consent for Older Patients in Dentistry. *Primary Dental Journal* 2020 Sep;9(3):59-63. doi: 10.1177/2050168420943979.
25. Daud A, Adams AJ, Shawkat A, Gray G, Wilson NHF, Lynch CD, **Blum IR**. Effects of toothbrushing on surface characteristics of microhybrid and nanofilled resin composites following different finishing and polishing procedures. *Journal of Dentistry* 2020 Aug;99:103376. doi: 10.1016/j.jdent.2020.103376. Epub 2020 May 26.
26. Kanzow, P. Büttcher AF, Wilson NHF, Lynch CD, **Blum IR**. Contemporary teaching of posterior composites at dental schools in Austria, Germany, and Switzerland. *Journal of Dentistry* 2020 May;96:103321. doi: 10.1016/j.jdent.2020.103321. Epub 2020 Mar 16.
27. Loch C, Brunton PA, Rahim ZA, Liew L, Lynch CD, Wilson NH, **Blum IR**, Jum'ah AA. *The Teaching of Removable Partial Dentures in Dental Schools in Oceania. Journal of Dentistry* 2020 Apr;95:103309. doi: 10.1016/j.jdent.2020.103309. Epub 2020 Feb 28.
28. Kelleher, MG, **Blum IR**. Facts and fallacies about restorative philosophies for the management of the worn dentition. *Primary Dental Journal* 2020 Mar;9(1):27-31. doi: 10.1177/2050168420911018.
29. **Blum IR**. When Ageing becomes a mouthful of trouble – The new old age. *The Dental Guide, The Mail on Sunday*, 17 November 2019, 15-18; www.thedentalguide.co.uk
30. Wilson NHF, **Blum IR**. Performance of zirconia implants. *Evidence Based Dentistry* 2019; 20: 92-93
31. **Blum IR**, Hooper S. Consent to treatment in the Post-Montgomery Era: principles and implications for the dental team. *Primary Dental Journal* 2019; 8:40-48.
32. Lynch CD, **Blum IR**, Wilson NHF. Leadership in dental education. *Journal of Dentistry* 2019; 87:7-9.
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2. A. Daud, A. Roberts, Y. Nyblom, C. Mcllwaine, C. Louca, A. Leung, B. Quinn, N. Khawaja, **IR Blum.** *Aspects of Intra-Professional Education and Collaborative Practice in Dental Training.* 11th International Conference on Interprofessional Education and Collaborative Practice, Qatar University, Doha, Qatar, 6-9th November 2023.
3. C. Lechte, P.Kanzow, A. Wiegand, NHF Wilson, CD Lynch, **IR Blum.** Teaching of posterior composites for the restoration of permanent teeth in undergraduate dental training programmes. *ADEE Annual Meeting, Liverpool, August 22-25 August 2023*
4. A. Daud, Y. Nyblom, A. Roberts, C. Mcllwaine, N. Khawaja, S. Aziz, C. Louca, A. Leung, B. Quinn, **IR Blum.** Intraprofessional Education and Collaborative Practice at Dental Training Institutions. *ADEE Annual Meeting, Liverpool, August 22-25 August 2023*
5. A. Daud, N. Khawaja, A. Leung, A. Roberts, C. Louca, B. Quinn, Y. Nyblom, C. Mcllwaine, **IR Blum.** Workshop Session: Intraprofessional Education and Collaborative Practice in European Dental Schools. *ADEE Annual Meeting, Palma de Majorca, August 22-26 August 2022* <https://adee.org/workshop-intraprofessional-education-and-collaborative-practice-european-dental-schools>
6. A. Roberts, C. Louca, B. Quinn, Y. Nyblom, C. Mcllwaine, **IR Blum.** Inter-Professional Education Opportunities in the European Undergraduate Dental Hygiene Curricula. Oral Presentation with the Unique Identifier: O-325 *International Symposium on Dental Hygiene Dublin, August 11-13th August 2022.* <https://isdh2022.com/programme-schedule/>
7. A. Daud, **I.R. Blum**, N. Khawaja, A. Roberts, Y. Nyblom, C. Mcllwaine, C. Louca, A. Leung, B. Quinn. Intraprofessional education and collaborative practice experiences in dental education: a mixed method inquiry. British Alliance of Researchers in Dental Education and Scholarship - BARDES Annual Scientific meeting, Liverpool, 6-7th October 2022.

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18. P. Brunton*, A Ghazali, ZH Tarif, C Loch, **IR Blum**, CD Lynch. *Repair vs. Replacement of Direct Composite Restorations: A Survey of Teaching Programs in Oceania*. IADR/AADR/CADR General Session & Exhibition, March 22-25, 2017, San Francisco, USA.
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20. CD Lynch*, **IR Blum**, RJ McConnell & NHF Wilson. *Teaching of posterior composites in UK and Ireland dental schools*. British Society for Oral and Dental Research. Annual Meeting, Cardiff, 14- 16 September 2015
21. D Eltahlah*, CD Lynch, B Chadwick , **IR Blum**, NHF Wilson. *Reasons for placement and replacement of restorations: an updated review*. British Society for Oral and Dental Research. Annual Meeting, Cardiff, 14-16 September 2015
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26. RM Frey, L Gallardo-Lopez & **IR Blum***. *Response of crestal bone to platform switched healing abutments*. European Academy of Osseointegration (EAO) Annual Scientific Meeting, Glasgow, 6-9 October 2010.
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Published abstracts

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12. **IR Blum**, JT Newton and NHF Wilson *Changes in vocational dental practitioners' views on repairing composite restorations*. Journal of Dental Research 83 (Spec Iss B), #0122, 2004.

Award of presentation prize

⇒ **IADR-CED Division- *International Heraeus Kulzer* Poster Prize, 2010**

K. Hafiana, A. Curtis, ME. Barbour, T. Attin, A. Vegh & **IR. Blum***. *Tensile Bond Strength of Composite Resin to Differently Conditioned Amalgam*. International Association for Dental Research (IADR) General Session, Barcelona, Spain, 14-17 July 2010.

Research Funding

- **European Regional Development Fund (2020)**
 - Repair of bulk fill composites using different functional monomers
EUR 8000
- **Unilever (2018)**
 - *The use of video to enhance patients' oral hygiene motivation and efficiency.*
GBP 10.000
- **Futudent (2018)**
 - *Development of a bespoke mobile APP for demonstrating and practising effective dental hygiene using EduCam® software.*
GBP 3000
- **International Scientific Association for Medical and Dental Education (ISAMDE) (2012)**
 - *A novel technique for sinus elevation with simultaneous implant placement in the extremely atrophic maxilla (Co-Investigator).*
EUR 25.000
- **Nordiska Dental (2008-2009)**
 - *An experimental study on the repair bond strengths between leucite-reinforced ceramic inserts and resin composite (Principal Investigator)*
GBP 3000
- **Dentsply Germany (2007)**
 - An in vitro investigation of different primer protocols on the shear bond strength and surface topography of repaired composite resin (Principal Investigator) GBP 8000
- **Nobel Biocare, UK (2006-2007)**
 - *An investigation of the teaching of implant dentistry in dental schools in the United Kingdom and Ireland (Principal Investigator)*
GBP 3500

- **Detax GmbH, Germany (2006)**
 - *The use of Molloplast B to facilitate satisfaction with partial dentures* (Principal Investigator)
GBP 1500

Research Supervision

PhD (First supervisor)

- Interprofessional education and collaborative practice experiences in dental education: a mixed method inquiry, KCL 2021 – ongoing

Master of Science

- Why do general dental practitioners become involved in clinical teaching? – KCL, 2017
- A cross-sectional study on the use of lining materials under posterior resin composite restorations – University of Bristol, 2015
- The influence of various surface treatment protocols on the repair bond strength of resin composite to amalgam – University of Bristol, 2009
- The influence of different surface treatment protocols on repair bond strengths of resin composite to direct ceramic restorations (Cerana®) – University of Bristol, 2008.

Reviewer for academic journals

- Journal of Dentistry
- Journal of Prosthetic Dentistry
- Operative Dentistry
- Journal of Oral Rehabilitation
- European Journal of Dental Education
- British Dental Journal
- European Journal of Prosthodontics and Restorative Dentistry
- Dental Update
- International Journal of Dentistry
- Australian Dental Journal

- Clinical, Cosmetic and Investigational Dentistry
- Journal of Restorative Dentistry
- BMC Oral Health
- Journal of Functional Biomaterials

Book reviews

- Indirect restorations by D. Bartlett & D. Ricketts
Quintessence, UK: 170 pp. ISBN: 9781850970781
British Dental Journal 2008; 26; 204(2):106
- The function of teeth by C. Gibbs & H.C. Lundeen
L&G, USA: 112 pp. ISBN: 0977151107
British Dental Journal 2007; 24; 202(6):358-359
- Composite restorations in anterior teeth: fundamentals and possibilities by L.N. Baratieri, E. M. Aruajo, Jr, & S. Monteiro, Jr.
Quintessence, UK: 367pp. ISBN: 8587425595
British Dental Journal 2006; 201(5):313-314.

Invited keynote/plenary speaker

International lectures

- 6th World Aging and Rejuvenation conference, *Dental management of patients with oral cancer*. Paris, 8-10 July 2024.
- Malaysian International Dental Exhibition and Conference (MIDEC), *The management of failing dental restorations: repair or replace?* Kuala Lumpur, 4-6 August 2023
- Malaysian International Dental Exhibition and Conference (MIDEC), Workshop: *Demystifying the Facebow*, Kuala Lumpur, 4-6 August 2023

- The Dental Society of Ghana, *Decision making criteria and operative techniques for the repair of resin based composite restorations*, Accra, 3 February 2022
- The Annual Scientific Meeting (virtual) of the Faculty of Dentistry of the Royal College of Surgeons in Ireland, Postgraduate Dental Education Programme, *Primary Care Dentistry from East to West*, October 30, 2021
- European Congress on Clinical Oncology, *Dental management of patients with oral cancer*, 6th October 2019, Frankfurt, Germany, 2019
- Royal College of Surgeons in Ireland Postgraduate Dental Education Programme, Faculty of Dentistry, Dublin, 16 November 2019 - *Posterior Composites: A Guide to Successful Outcomes*
- Department of Operative Dentistry, College of Dentistry, University of Florida, Postgraduate Programme 12 April 2019 – *The management of the worn dentition*
- Vilnius Dental Practice Network Group, *Evaluation and assessment of dental restorations: decision making when to repair*, Vilnius, Lithuania, 9th March 2019
- Faculty of Dentistry, *Dental management of patients with head & neck cancer*, University of Pécs, Hungary, 23 April 2018
- Faculty of Restorative Dental Sciences, College of Dentistry, University of Florida, 15 February 2018 – *The management of failing dental restorations: replace or repair?*
- Department of Operative Dentistry, College of Dentistry, University of Florida, 14 February 2018 – *The management of hypodontia: a multidisciplinary approach*
- Annual Scientific Meeting of the Hungarian Dental Association, Debrecen, Hungary, 31 March 2017 – *Multidisciplinary management of patients with oral cancer.*
- Faculty of Dentistry, University of Debrecen, Hungary, 24 April 2015 – *The repair of failing restorations*
- Faculty of Dentistry, University of Debrecen, Hungary, 7 November 2014 – *Interdisciplinary Management of patients with Hypodontia*
- Spring Meeting of the Hungarian Orthodontic Society, Budapest, Hungary, 4 March 2016 – *The interdisciplinary management of hypodontia patients.*

- Annual Meeting of the German Society for Conservative Dentistry, Cologne, Germany, 25 September 2014 – *Restoration repair – quo vadis?*

Lectures in the UK

- I have been invited by and lectured for various BDA Branches over the past 20 years. These include the East Midlands Branch, Western Counties Branch, Wessex Branch, North Western Branch, Yorkshire Branch, South Mercia Branch and Northern Ireland Branch.
- Annual Scientific Meeting of the British Academy of Cosmetic Dentistry (BACD) (**Keynote speaker**), 17 February January 2018 – *Improving restorations through repair procedures.*
- Annual Scientific Meeting of the British Academy of Aesthetic Dentistry (BAAD) (**Keynote speaker**), 26 January 2013 – *Smile design: the restorative perspective*

Previous Leadership, Administration and Management Roles

Faculty of General Dental Practice (FGDP) (UK)

- FGDP representative to the British Orthodontic Society (BOS) on the development of a website with orthodontists, patients and parents on Hypodontia (2017)
- As Editor-in-Chief of the *Primary Dental Journal* I lead talks on cooperation with major international publishers to widen access to the journal. The aim is to raise awareness of the journal and its international profile.
- I lead the commissioning and management of the Primary Dental Journal and its editorial Board.

Thames Valley Public Health England and Buckinghamshire NHS Trust, 2014 – 2016

- Member of the Restorative Clinical Network, Thames Valley Public Health England. This role involved commissioning and development of restorative services in the Thames Valley region, including Buckinghamshire NHS Health Trust.
- Re-booted and developed a clinical restorative service in secondary care that had been in lapse for five years and I set up a completely new restorative referral service at Buckinghamshire NHS Health Trust.
- I have set up a Hypodontia service along with my orthodontic colleagues and provide support to local general dental practitioners at secondary and tertiary restorative level for patients with hypodontia.

University of Bristol Dental School

- Element Organiser for Prosthetic Dentistry for years 3, 4 and 5 (2010 – 2013)
- Element Organiser for advanced restorative clinical skills (Year 4)
- Unit lead with budgetary control and timetabling responsibilities for basic restorative clinical skills (Year 3)
- Chairman, Dental library committee (2007–2013)
- Organiser, Journal Club for Restorative Dentistry (2007 – 2010).
- Organiser, Clinical Club (Rest Dent) (2009 – 2011)
- Organiser, regional specialist registrar (Restorative Dentistry) teaching programme (2009)
- Organiser, critical appraisal courses for specialist trainees in all dental specialities (2011– 2012)
- Member, Student Progress Committee (2010–2013).

Bristol NHS Foundation Trust

- Chairman, Junior doctors and dentists committee (2011 – 2012)
- Member, Bristol NHS Foundation Trust communication sub-committee with accountability to the Medical Director (2012).

Senior Registrars in Restorative Dentistry Group (SRRDG)

- SRRDG representative to the Royal College of Surgeons of Edinburgh (2008 – 2010).
- Academic trainee representative to the Specialist Training Committee (STC) in Restorative Dentistry at the Royal College of Surgeons of Edinburgh (2009 – 2011)

- Secretary of SRRDG (2010 – 2011).

International Association for Dental Research (IADR)

- Member, Constitution Committee (2006 – 2008).

MEDICO-LEGAL WORK

- Medical/Liability reports for solicitors in the UK and Republic of Ireland (2024 – ongoing)

End of Curriculum Vita

