

## **SUMMARY**

### **1. General**

Dr. Robert Bolt is a registered Specialist in Oral Surgery and carries both Membership in Oral Surgery and FDS in Oral Surgery. He is both medically and dentally qualified, and is one of a handful of Oral Surgeons nationally who has been trained in maxillofacial trauma, orthognathic surgery, advanced implantology and lingual nerve repair. He is Director of the UK-renowned 1-to-1 implantology course and has a lead role in a number of courses relating to the University of Sheffield undergraduate dental curriculum, including being Lead for undergraduate implantology teaching.

### **2. Teaching**

- University of Sheffield Exodontia Clinical Practice Subject Lead
- University of Sheffield Integrated Human Diseases PBL Subcourse Lead
- Lead for University of Sheffield undergraduate implantology lecture series

### **3. Leadership, Management and Administration**

- Chair, Oral and Dental PPI Group, Sheffield Teaching Hospitals NHS Trust
- Course Director, University of Sheffield 1-to-1 dental implant course
- Course Director, University of Sheffield Masters in Implantology
- Named supervisor to 3 PhD students

### **4. Professional and External Standing**

- NIHR NETS professional reviewer
- ABAOMS teaching rep
- Member of the ADI Education Providers Group
- Member of Editorial Board, CPQ Dentistry
- Peer reviewer for Oral Surgery Journal and Pharmacoepidemiology & Drug Safety

### **5. Research**

- £1.65 million HTA grant; the “MAGIC” trial – lead writer of grant application (149588)
- Site PI for MAP-BRONJ portfolio study (STH 20178)
- Sub-I for Amgen’s European Osteonecrosis of the Jaw Case Registry (STH 17087)
- EPSRC DTP PhD Studentship Award
- Royal College of Surgeons 2018 FDS Pump Priming Grant £10, 000
- Co-investigator for BAOMS award for “Patient experiences of adapting to life following orthognathic surgery for facial asymmetry”

**CURRICULUM VITAE****1 PERSONAL DETAILS**

SURNAME:	Bolt	FORENAME:	Robert
EDUCATION AFTER SCHOOL:	University of Sheffield	2010-2016	
	University of Sheffield	2004-2009	
	University of Sheffield	1996-2001	
QUALIFICATIONS:			
<b>Academic</b>	PhD (Sheffield)	2016	
	MClinRes with Distinction (Sheffield)	2013	
	MBChB with Honours (Sheffield)	2009	
	BDS with Honours (Sheffield)	2001	
<b>Professional</b>	ISFE <sup>†</sup> (Royal College of Surgeons, England)	2018	
	MOralSurg <sup>††</sup> (RCS, England)	2016	
	CCST <sup>†††</sup> (Oral Surgery, Y&H Deanery)	2016	
	MFDS <sup>††††</sup> (RCS, England)	2003	

<sup>†</sup>Intercollegiate Specialty Fellowship Examination<sup>††</sup>Tri-Collegiate Membership in Oral Surgery<sup>†††</sup>Certificate of Completion of Specialist Training<sup>††††</sup>The Diploma of Membership of the Faculty of Dental Surgery**MEMBERSHIP OF LEARNED SOCIETIES:**

- Membership of Royal College of Surgeons, England
- Fellowship in Dental Surgery (success in ISFE examination, pending original certificate. Royal College of Surgeons, England)
- Association of British Academic Oral & Maxillofacial Surgeons (ABAOMS)
- Dental Sedation Teacher's Group (DSTG)
- British Dental Association (BDA)
- British Medical Association (BMA)
- British Association of Oral Surgeons (BAOS)

## 2

**TEACHING**

## CURRENT UNDERGRADUATE AND POST GRADUATE TEACHING

Course Title	Level of Teaching	Student Contact Hours
"1-to-1" Dental Implantology	Postgraduate	374 hours per year
Oral Surgery GDP course	Postgraduate	2 hours per year
DClinDent	Postgraduate	3 hours per year
Integrated Clinical Practice (Implantology) – Yr 5	Undergraduate	15 hours per year
Oral Surgery Finals Revision Tutorial Yr 5	Undergraduate	4 hours per year
Oral Diseases Yr 4	Undergraduate	1 hour per year
Sedation Exodontia Subcourse – Yr 4	Undergraduate	140 hours per year
Oral Surgery Flap Tutorial Yr 4	Undergraduate	6 hours per year
Oral Surgery Suture Tutorial Yr 3	Undergraduate	3 hours per year
Integrated Human Diseases Yr 3	Undergraduate	6 hours per year
BODC Yr 2	Undergraduate	3 hours per year
Oral Surgery Infiltration Tutorial Yr 2	Undergraduate	6 hours per year
Oral Surgery Anaesthetic Block Tutorial Yr 2	Undergraduate	6 hours per year
Oral Surgery Exodontia Tutorial Yr 2	Undergraduate	6 hours per year
	<b>Total</b>	<b>575 hours per year</b>

## OTHER TEACHING ACTIVITIES

- Association of British Academic Oral & Maxillofacial Surgeons (ABAOMS) Teaching Representative
- Member of the Association of Dental Implantology (ADI) Education Providers Group

## **3 LEADERSHIP, MANAGEMENT AND ADMINISTRATION**

### CURRENT ACTIVITIES

1. Course Director, 1-to-1 Implantology Course
  - Responsibilities include, but are not limited to; delegate recruitment and interview, timetabling, designing and delivering all lectures and laboratory seminars, teaching on outpatient clinics and clinically supervising delegates during implant placement, ongoing formative assessment of delegates and sign-off of CDP certification
2. Course Director, Masters in Implantology
  - Responsibilities include, but are not limited to; overall course management, reviewing course content, managing delegate inquiries, chairing exam board meetings
3. Exodontia Clinical Practice Subject Lead
  - Responsibilities include, but are not limited to; administration of exodontia subcourse, attending working party meetings, question setting & standard setting of exam paper, review of year books, online audit of student activity & end of year sign-off
4. Integrated Human Diseases Subcourse Lead
  - Responsibilities include timetabling of PBL scenario release to complement didactic series, delivery of PBL sessions, dealing with student queries, delivery of revision session, writing 40% of modified essay paper questions and blueprinting questions against GDC learning objectives & internal objectives, standard setting of final paper
5. Chair of Oral & Dental PPI Group
  - Responsibilities include administration of PPI panel dates, organising meeting agenda, circulating pre-meeting paperwork to Clinical Research and Innovation Office, liaising with Clinical Research and Innovation Office, pre-meeting contact with delegates, responding to queries, preparing researchers for presenting to the group, chairing meetings
6. Oral & Dental Directorate Research Executive Member
  - Responsibilities include attendance at executive meetings and representation of the Oral & Dental PPI group at board meetings

#### 4 PROFESSIONAL AND EXTERNAL STANDING

##### ROLE ON EXTERNAL BODIES

1. National Institute of Health Research (NIHR) Oral and Dental Specialty Group Member (Yorkshire & Humber)
2. Association of British Academic Oral & Maxillofacial Surgeons (ABAOMS) Teaching Representative
3. Member of Association of Dental Implantology (ADI) Education Providers Group
4. NIHR Evaluation, Trials and Studies (NETS) professional reviewer

##### CONNECTION WITH LEARNED JOURNALS

1. Member of Editorial Board, CPQ Dentistry Journal
2. Peer Reviewer, Oral Surgery Journal
3. Peer Reviewer, Pharmacoepidemiology and Drug Safety

##### INVITED NATIONAL & INTERNATIONAL LECTURES

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|---|------|
| 1. BAOS <sup>†</sup> National Conference, Westminster, London | 2011 |
| Medicines Prescribing in Children                             |      |
| 2. BDA <sup>††</sup> National Conference, Manchester:         | 2017 |
| “Top tips in Oral Surgery”                                    |      |
| 3. BAOS Trainees Study Day:                                   | 2019 |
| “Guided Bone Regeneration”                                    |      |

##### ACADEMIC PRIZES AND AWARDS

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|--|------|
| 1. BAOS <sup>†</sup> National SpR Audit Prize  | 2011 |
| 2. Supervisor to Janine Doughty, awarded BAOS SHO/F2 prize                                 | 2012 |
| 3. BSODR <sup>†††</sup> /IADR <sup>††††</sup> Poster Prize Winner, IADR Dubrovnik, Croatia | 2014 |
| 4. BSODR Senior Colgate Prize Winner, BSODR Cardiff  | 2015 |
| 5. BAOS Research Prize Runner-Up, BAOS National Conference                                 | 2015 |
| Manchester   |      |
| 6. IADR Hatton Regional Award, IADR Seoul, South Korea                                     | 2016 |

<sup>†</sup>British Association of Oral Surgeons

<sup>††</sup>British Dental Association

<sup>†††</sup>British Society of Oral & Dental Research

<sup>††††</sup>International Association of Dental Research

Note that the BSODR Senior Colgate Prize represents the most coveted PhD-level UK research prize for Oral & Dental Research.

**5 PUBLICATIONS**

## Chapters – in Print

J	1. Hunter KD, <b>Bolt R.</b> (2012) Chapter 2: Head and Neck Tumors. Biotargets of Cancer in Current Clinical Practice. Humana Press. Edited by Mauro Bologna
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## Refereed Journals – in Print

J	2. The IL-1/IL-1R axis induces greater fibroblast-derived chemokine release in human papillomavirus-negative compared to positive oropharyngeal cancer (2019) Al-Sahaf S, Hunter KD, <b>Bolt R.</b> Ottewell PD, Murdoch C. Int J Cancer 15;144(2):334-344
J	3. 3D printed tissue engineered model for bone invasion of oral cancer (2018) Almela T, Al-Sahaf S, Brook IM, Khoshroo K, Rasoulianboroujeni M, Fahimipour F, Tahriri M, Dashtimoghadam E, <b>Bolt R.</b> Tayebi L, Moharamzadeh K. Tissue Cell. 52:71-77
P	4. HPV-negative, but not HPV-positive, oropharyngeal carcinomas induce fibroblasts to support tumour invasion through micro-environmental release of HGF and IL-6. (2018) <b>Bolt R.</b> Foran B, Murdoch C, Lambert DW, Thomas S, Hunter KD. Carcinogenesis. 9;39 (2):170-179
J	5. Characterization of Multilayered Tissue-Engineered Human Alveolar Bone and Gingival Mucosa (2018) Almela T, Al-Sahaf S, <b>Bolt R.</b> Brook IM, Moharamzadeh K. Tissue Eng Part C Methods. 24(2):99-107
J	6. Grayson A, Hearnden VL, <b>Bolt R.</b> Jebreel A, Colley HE & Murdoch C (2018) Use of a Rho kinase inhibitor to increase human tonsil keratinocyte longevity for three-dimensional, tissue engineered tonsil epithelium equivalents. Journal of Tissue Engineering and Regenerative Medicine. 12(3):e1636-e1646
J	7. Tobouti P, <b>Bolt R.</b> Radhakrishnan R, Orsini S, de Sousa M, Hunter K (2017) Altered toll-like receptor expression and function in HPV associated oropharyngeal carcinoma. Oncotarget. 9(1) 236-248
P	8. Freeman C, <b>Bolt R</b> Pharmacology: Common side effects. (2017) Br Dent J. 21;223(2):68
P	9. Yates JM, <b>Bolt R.</b> Nahabedian V, Fernando M, Hunter KD (2014) Primary cutaneous follicle centre lymphoma in the head and neck: don't judge a lump by its presentation. Oral Surgery 7(2) 103-108

P	10. <b>Bolt R</b> , Bakri I, Mahon J, Yates JM. (2014) Evidence of frequent dosing errors in paediatrics and intervention to reduce such prescribing errors. J Clin Pharm Ther. 39(1):78-83
J	11. Yates JM, Brook IM, Patel RR, Wragg PF, Atkins SA, El-Awa A, Bakri I, <b>Bolt R</b> (2014) Treatment of the edentulous atrophic maxilla using zygomatic implants:evaluation of survival rates over 5-10 years. Int J Oral Maxillofac Surg. 43: 237-242
J	12. Wood H, Hunter K, <b>Bolt R</b> . (2012) Is next generation sequencing an important tool in HPV subtype diagnosis? Expert Rev Mol Diagn. 12(7):663-5
P	13. <b>Bolt R</b> . (2012) The Power of Statistics and the Statistics of "Power": Understanding the Basics of Medical Statistics. Core Surgery Journal 2(2) 6–13
J	14. Bhupinder D, <b>Bolt R</b> , Koshal A, Galgut P, Patel P. (2007) A Comparison in Postoperative Healing of Sites Receiving Non-Surgical Debridement Augmented With and Without a Single Application of Hyaluronan 0.8% Gel. Preventive Dentistry 2(3) 34-37
P	15. <b>Bolt R</b> , Watts P (2004) The relationship between aetiology and distribution of facial lacerations. Injury Extra 35: 6-11

## Published Abstracts

P	16. <b>Bolt R</b> , Bakri I, Mahon J, Yates J. (2012) An audit of the accuracy of medicines prescribing in children. Oral Surgery 5(2) 89
P	17. Human papillomavirus status and the microenvironment in oropharyngeal carcinoma; determinants of invasion and potential therapeutics (2016) <b>Bolt R</b> , Lambert D, Murdoch C, Thomas S, Foran B, Hunter K. European Journal of Cancer. 61: S60-S60