

Orthodontic Training Programme Job Description

Post Details

HEE Office:	South West
Job Title:	Orthodontic Specialty Trainee (Run - through)
Person Specification:	National person specification
Hours of work & nature of Contract:	40 hours
Main training site:	Bristol Dental Hospital (BDH)
Other training site(s):	Royal United Hospital, Bath (RUH)

Organisational Arrangements

Training Programme Director (TPD):	Dr Julie Williams (ST1-3) Mrs Amelia Jerreat (ST4/5)
TPD contact details:	Bristol Dental Hospital Lower Maudlin Street Bristol Julie.Williams3@UH Bristol.nhs.uk Royal Devon University Hospital Trust Heavitree Hospital Gladstone Road Exeter amelia.jerreat@nhs.net

University:	University of Bristol
Degree awarded:	Masters of Science by Research
Time commitment:	Part time over 2.5 years
University fees 2024-2027:	£7258 in total: £4758 base fee (spread over 3 instalments at the start of each year of the course) in addition to £2500 bench fees (£1000 per year for the first two years and £500 at the start of the third year)

Training Details

(Description of post)

ST1-3

In the first three years of training the successful applicant will have a personal caseload of IOTN 3, 4 and 5 malocclusions. They will have the opportunity to correct malocclusions using a range of fixed and removable appliances. In addition they will participate in new patient clinics and will be exposed to the management of more complex orthodontic cases with some attendance at multidisciplinary treatment clinics (MDTs).

The ST will deliver care under the supervision of a Consultant Orthodontist or a Specialist Orthodontist. They will have a named Educational Supervisor, who will support them in developing an appropriate learning agreement which will enable them to achieve the competencies required to be awarded a CCST in Orthodontics.

To meet the research requirement of the Orthodontic curriculum STs are strongly recommended to enrol with the University of Bristol to undertake a Master of Science by Research. Alternative routes to meet the research requirement will be supported, but the Master of Science by Research Programme is the most predictable route to achieve competency across the whole curriculum.

The Master of Science by Research Programme will introduce the ST to the concepts of research and permits University supervision of an appropriate research project to be completed during specialist training. Facilities for research are available for approved projects and research is actively supported. Academic teaching will include regular lectures, mock examinations, case-based learning, journal clubs and presentations as part of a well-coordinated academic programme of teaching to support preparation for the MOrth examination. These will be conducted largely face to face in a classroom setting in the first year (usually at Bristol Dental School or Bristol Dental Hospital) with more hybrid and virtual teaching in the second and third years.

There will also be an opportunity to support the training of other members of the dental team including student dental nurses and orthodontic therapists.

Transition from ST3 to ST4

Upon award of a CCST at the end of ST3 training, the ST will transition to post CCST training within the South West. This may be at the same training unit or at another unit (within a reasonable commute) in the South West region.

The ST's ambition to undertake ST4/5 training must be communicated no less than 6 months before the planned CCST date. The ST's suitability to undertake ST4/5 training will be reviewed at the beginning of the ST3 year.

ST4/5

Training is geared towards successful performance in the ISFE Orthodontics exam and award of FDS (Orth) from the trainees affiliated Royal College. At completion of training all ST4/5 orthodontists in training should have achieved all necessary competencies to be able to apply for and successfully hold an Orthodontic Consultant position.

The ST (ST4/5) will have a personal caseload of IOTN 4 and 5 malocclusions specifically designed to enhance training for secondary care patient care. They will have the opportunity to correct malocclusions using fixed and functional appliances as well as the use of more unusual treatment mechanics. The use of complementary treatment such as TADs and facemasks will be encouraged. In addition they will have exposure to new patient clinics and be part of the management and treatment of more complex orthodontic cases such as orthognathic treatment, complex hypodontia cases and the treatment of cleft cases. The ST4/5 will be expected to be actively involved in the preparation of MDT clinics.

There will opportunities for teaching including undergraduates, orthodontic ST1, orthodontic therapists and other DCPs. The ST4/5 may be asked to give lectures or tutorials and may also have a significant role in the running of regular journal clubs or examinations involving more junior staff members.

There are regional training days specifically designed for ST4/5 training which all STs (ST4/5) are expected to attend. National training days are also available as per the training matrix approved through NHS WTE South West

An ST4/5 is actively encouraged and supported to pursue approved research and management projects. They will also be expected to actively participate in and supervise local audit as well as regional audit.

Duties and Responsibilities of postholder

a) Clinical

All STs will have a personal caseload of malocclusions to treat. They will have the opportunity to correct a variety of malocclusions using fixed and removable appliances. In addition they will have exposure to new patient clinics. As ST4/5 the use of complementary treatment mechanics such as TADs will be encouraged and the ST will be exposed to the management and treatment of more complex orthodontic cases such as orthognathic treatment, complex hypodontia cases and the treatment of cleft cases. The ST4/5 will be expected to be actively involved in the preparation of MDT clinics.

b) Teaching

The ST4-5 is encouraged to undertake teaching within the department including supervision of the orthodontic ST1, orthodontic therapist and other DCPs. The supervised teaching and clinical training of an undergraduate group of students is also timetabled. There are opportunities to teach on the South West Orthodontic ST programme. The holders of these posts have a significant role in the running of the regular journal clubs involving more junior staff members.

c) Study/Research

Study and examination leave allowance are as stated in the Terms and Conditions of Service.

The ST is expected to attend all regional and approved national training sessions. Facilities for research are available for approved projects and research is actively supported. ST1-3 registrars are strongly recommended to complete a Masters of Science by Research (MScR) as the most predictable route to meeting the research requirements

of the curriculum.

d) Administrative

The routine administrative content of this post is allowed for in the timetable.

e) Audit

The ST will be expected to actively participate in local/regional audit within the Trust. They will attend the Regional Governance meetings and participate in relevant national clinical audits. The St4/5 will actively develop, lead and supervise audits as required.

Description of main training site

Bristol Dental Hospital

Situated in the heart of Bristol, UH Bristol is a large city centre Teaching Trust employing 13,000 staff over 100 different clinical services across ten different sites. We provide a wide range of in-patient, out-patient and day-care services to the local population within Bristol, as well as being the biggest specialist referral centre for South West England.

The Bristol Dental Hospital (BDH) and the Bristol Royal Infirmary are the major centres for specialty training in the South Western Deanery, providing a specialist and emergency service. BDH has approximately 95,000 patient attendances per annum and has an excellent national and international reputation for patient care, scholarship and research. BDH is adjacent to the Bristol Royal Infirmary (BRI), a major tertiary referral centre, where all investigative, medical and surgical facilities are present within the complex. There is a designated Children's Hospital within the Bristol Royal Infirmary complex. 2013 saw the centralisation of the Head and Neck services to UH Bristol. The South West cleft services transferred to the dental hospital in the summer of 2014. In 2023, Bristol Dental School moved to a new site near Temple Meads train station, roughly a ten minute walk from BDH. Excellent links have been maintained between the two sites with undergraduates returning for certain aspects of their teaching and BDH staff providing the remainder of the orthodontic teaching in the new School.

The Department of Child Dental Health was refurbished in 2006-7. There are 34 chairs with 10 orthodontic postgraduate and staff chairs in an open plan clinic. The Orthodontic Department is part of the Department of Child Dental Health and has two main functions: first, the treatment of child and adult orthodontic patients and second, the teaching of postgraduate students on a three year longitudinal course. There are chairside computers with model storage within the unit. Radiographic facilities are provided by an on-site X-ray department which includes CBCT facilities. Digital radiographs are stored and accessed through Trust computers with additional ability to analyse lateral cephalograms (OPAL system). In Bristol the department is equipped for digital photography with two complete Nikon D50 cameras. However, many registrars prefer to use their own cameras with image archiving through the department and images stored on the Trust server.

There is a modern and well-equipped Maxillofacial and Orthodontic Laboratory with 5 orthodontic technicians providing the full range of fixed, functional and removable appliances.

There is a well-equipped teaching and office space within the department. Staff in the unit play an active role in training and teaching locally, regionally and nationally.

A specialty library is housed within the University of Bristol Medical Library with a wide range of relevant journals. The UBHT Learning Resource Centre is located in the neighbouring Medical Education Centre and there is a medical library in the Bristol Royal Infirmary.

Description of second training site

Royal United Hospital, Bath

The Royal United Hospitals Bath is a District General Hospital serving the old Bath Health District (including parts of Wiltshire, Avon and Somerset), which has a population of just under 500,000. Bath is a University town, and the hospital maintains close links with the Universities of Bath and Bristol. The new Oral and Maxillofacial surgery and Orthodontic department was opened in April 2019 with a 6 chair open plan orthodontic clinic.

The department has its own CBCT machine as well as new Lateral Ceph and DPT units.

All patient records are stored digitally. Digital study models are accessed using the 3 Shape and Ortho Analyzer Programmes. The department is also equipped with intra-oral scanners and a 3D printer and there is a 3D virtual surgical planning workflow. The on-site postgraduate centre has excellent library and IT facilities.

The departmental team comprises of three orthodontic consultants, two oral and maxillofacial consultants, one oral surgery consultant, one ST4-ST5 orthodontic training grade, five ST1-ST3 orthodontic training grades, a dentist with special interest in orthodontics and a student orthodontic therapist.

The department has a good working relationship with Oral and Maxillofacial Surgery and the Community Dental Services.

Staff involved in training:

Name	Job Title	Site	Role
Miss Nikki Atack	Consultant Orthodontist	Bristol Dental Hospital	Clinical supervisor
Mr Christian Day	Consultant Orthodontist	Bristol Dental Hospital	Educational and Clinical supervisor
Dr Kate House	Consultant Orthodontist	Bristol Dental Hospital	Clinical supervisor
Dr Timothy Jones	Consultant Orthodontist	Bristol Dental Hospital	Educational and Clinical supervisor
Dr Julie Williams	Consultant Orthodontist	Bristol Dental Hospital	Training programme director and Clinical supervisor
Prof Tony Ireland	Consultant Orthodontist	Royal United Hospital	Clinical supervisor
Dr Farnaz Parvizi	Consultant Orthodontist	Royal United Hospital	Clinical supervisor
Dr Jen Haworth	Consultant Orthodontist	Royal United Hospital	Clinical supervisor

Indicative timetable (details are subject to change)

Week 1

	Mon	Tue	Wed	Thu	Fri
AM	Research / Clinical admin	Treatment clinic (BDH)	4:5 Treatment clinic (BDH) 1:5 New patient clinic (BDH)	Treatment clinic (RUH)	Tutorial / Teaching New patient clinic if no tutorial (BDH)
PM	Research / Clinical admin	Treatment clinic (BDH)	Treatment clinic (BDH)	Treatment clinic (RUH)	Tutorial / Teaching

Terms and Conditions

Terms and Conditions

General

As per local terms and conditions

Study Leave

As per HEE study leave policy - <http://www.dental.southwest.hee.nhs.uk/about-us/study-leave/>

Annual Leave

As per local terms and conditions