

JOB DESCRIPTION

For

Regional Specialist Registrar in

DENTAL AND MAXILLOFACIAL RADIOLOGY  
(Full Time Post 10 PA)

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## GUY'S & ST THOMAS' NHS FOUNDATION TRUST

### 1. An introduction to the Appointment

|                              |   |
|------------------------------|---|
| Job title:                   | Regional Specialty Registrar in Dental and Maxillofacial Radiology (StR)  |
| Division:                    | Guys and St Thomas' NHS Foundation Trust (GSTT)   |
| No of Programmed Activities: | 10  |
| Responsible to:              | Educational Supervisor  |
| Accountable to:              | Divisional Clinical Director  |
| Hours per week:              | 40 hours per week   |
| Location:                    | Guy's Dental Hospital including rotations within other training Trusts within the London and Kent, Surrey and Sussex region |

The 4-year training programme will endeavour to prepare the trainee for the NHS Consultant workforce in both Acute Trust and Dental Teaching Hospital environments. The registrar will be expected to take part in clinical attachments and rotations at other secondary care training environments across the London and Kent, Surrey and Sussex HEE Region. The Pan-London training programme may also require attendance at other NHS Trusts in the South East to complete the Maxillofacial components of training under the supervision of Head and Neck Consultant Radiologists.

The trainee should be prepared to travel between training units within the London and Kent, Surrey and Sussex region as directed by the HEE Postgraduate Dental Dean, Training Programme Director (TPD) for Dental and Maxillofacial Radiology and the relevant Education Supervisor.

The post will provide the occupant with the level of knowledge, competence and understanding necessary to fulfil the training requirements of trainees aspiring to become a Consultant in Dental and Maxillofacial Radiology

The programme follows the curriculum recommended by the SAC in Dental and Maxillofacial Radiology and will include, undergraduate and postgraduate teaching, and opportunities for research.

This post carries a National Training Number.

The terms of appointment are as for NHS Specialty Registrar grade.

The salary will be in the Specialty Registrar range depending on qualifications and experience of the person appointed.

The successful applicant will undertake formal training leading to a Certificate of Completion of Specialist Training in Dental and Maxillofacial Radiology, this being subject to Annual Review of Competency Progression and complying with the recommendations of the SAC in Dental and Maxillofacial Radiology over a 4-year period of full-time training.

General enquiries, about the job or for an informal discussion about this post should be directed to the Dental and Maxillofacial NHS Service Lead, Dr **Kiran Beneng** (email: [kiran.beneng@gstt.nhs.uk](mailto:kiran.beneng@gstt.nhs.uk))

## **2. Guy's & St Thomas' NHS Foundation Trust Information**

Guy's and St Thomas' NHS Foundation Trust comprises five of the UK's best-known hospitals – Guy's, St Thomas', Evelina London Children's Hospital, Royal Brompton and Harefield – as well as community services in Lambeth and Southwark, all with a long history of high-quality care, clinical excellence, research and innovation.

We are among the UK's busiest, most successful foundation trusts. We provide specialist care for patients including heart and lung, cancer and renal services as well as a full range of local hospital and community services for people in Lambeth and Southwark.

We have a long tradition of clinical and scientific achievement and – as part of King's Health Partners – we are one of England's eight academic health sciences centres, bringing together world-class clinical services, teaching and research. We have one of the National Institute for Health Research's, biomedical research centres, established with King's College London in 2007, as well as dedicated clinical research facilities.

We have around 22,700 staff, making us one of the largest NHS Trusts in the country and one of the biggest employers locally. We aim to reflect the diversity of the communities we serve and continue to develop new and existing partnerships with local people, patients, neighbouring NHS organisations, local authorities and charitable bodies and GPs.

We strive to recruit and retain the best staff as the dedication and skills of our employees lie at the heart of our organisation and ensure that our services are of the highest quality, safe and focused on our patients.

As an organisation we are committed to developing our services in ways that best suit the needs of our patients. This means that some staff groups will increasingly be asked to work a more flexible shift pattern so that we can offer services in the evenings or at weekends. We also have a positive approach to corporate social responsibility and are keen to engage our staff in an agenda that ranges from promoting environmental sustainability to the creation of local employment opportunities.

### 3.Clinical Directorate & Department Information

#### The Dental Institute

The College's Dental Institute, based at Guy's, King's College and St Thomas' hospitals, is the largest university dental hospital in the UK. Based on the most recent top scoring research (5\*) and teaching quality (24/24) assessments, the Institute seeks to strengthen its position as the outstanding national and world-class centre of excellence for research, teaching and training. Further details of the Institute may be found on its website: [www.kcl.ac.uk/dentistry](http://www.kcl.ac.uk/dentistry).

In making new appointments to its exceptional academic staff the Dental Institute seeks to attract and appoint outstanding individuals capable of making important, new contributions to the Institute, maintaining its considerable momentum at the cutting edge of oral health sciences. The Institute is forward-looking and dynamic with many state-of-the-art facilities in which to pursue ground-breaking research. The immediate goal of the Institute is to maintain its position as the world's leading centre for dental research.

#### The Department of Dental Maxillofacial Radiology

The Department is located on Floor 23 of Guy's Tower on the Guy's Hospital site, London Bridge.

Based on 2019 data, the estimated number of attendances for radiography per annum is over 70,000. In addition, there is a consultant led service providing ultrasound, FNAs, sialography, salivary gland interventions, endoscopy and lithotripsy, which involves over 2600 attendances per annum.

The main department is well equipped including 4 cubicles each with an intra-oral x-ray tube, and three of these cubicles in addition contain a panoramic or combined panoramic and cephalostat.

There are 2 cone beam CT scanners, allowing for a range of scan volumes to allow individualised scans.

There are 2 dedicated rooms for ultrasound and salivary gland imaging and intervention. Each room contains an ultrasound machine and a dental x-ray tube, and other specialist equipment includes a mobile c-arm for fluoroscopy with 3D imaging capabilities, an endoscopy stack for sialoendoscopy, and a salivary lithotripter

#### Radiology Staff

| Consultant Staff | Specialist Interests   |    |
|------------------|--|----|
| Kiran Beneng     | Consultant in Oral Surgery<br>Service Lead for Oral Surgery<br>and Radiology | FT |
| Kalpesh Bavisha  | Consultant in Restorative  | FT |

|                               |  |    |
|-------------------------------|--|----|
|                               | Dentistry<br>Clinical lead for Dental<br>Maxillofacial Radiology |    |
| Jacqueline Brown              | Consultant in Dental Maxillofacial<br>Radiology                  | PT |
| Jonathan Davies               | Consultant in Dental Maxillofacial<br>Radiology                  | FT |
| Suk Ng                        | Consultant in Dental Maxillofacial<br>Radiology                  | PT |
| Rose Ngu                      | Consultant in Dental Maxillofacial<br>Radiology                  | FT |
| John Rout                     | Consultant in Dental Maxillofacial<br>Radiology                  | PT |
| Bethan Thomas                 | Consultant in Dental Maxillofacial<br>Radiology                  | FT |
|                               |  |    |
| <b>1 Specialist Registrar</b> |  | FT |

### **Research Profile and Current Activities**

Current research strengths and interests in the department of Dental Radiological Imaging include salivary gland imaging and interventional techniques, ultrasound and cone beam CT imaging. The underlying philosophy of this research parallels that of the Dental Institute in bringing together clinical scientists and basic scientists to form research teams addressing research questions which are both basic and clinically applied and making use of the wealth of clinical material available at the Dental Institute.

### **Teaching and Learning**

The Department of Dental Maxillofacial Radiology is responsible for delivering teaching at year 4 undergraduate and postgraduate levels. Providing formal teaching to undergraduate dentists in Dental Maxillofacial Radiology as part of the Dental Course.

## **4. Main Duties and Responsibilities**

The appointee will work closely with other Speciality Registrars to deliver duties within the Dental and Maxillofacial Department.

The key focus of the role will be:

- To participate in clinical and other service activities with the object of ensuring a high standard of patient care
- To take an active part in undergraduate and postgraduate teaching and training
- To undertake research or other original work and disseminate its results
- To undertake clinical audit

- To enrol with the Royal College of Radiologists and Specialty Advisory Committee for Additional Dental Specialties for formal higher training for the Diploma in Dental and Maxillofacial Radiology leading to the award of a CCST in Dental and Maxillofacial Radiology

### **Duties and responsibilities:**

#### **Clinical:**

The post holder will work under the supervision of a consultant, be responsible for the provision of Dental and Maxillofacial Radiology diagnostic and investigative services to the Guy's & St Thomas' NHS Foundation Trust to include:

#### **Teaching:**

The postholder will be expected to take an active part in the teaching of undergraduate and postgraduate students. Staff would normally be eligible for appointment as Honorary Lecturer within the KCL Academic Division relevant to their speciality. It has been agreed that clinical academic staff are responsible to the relevant Clinical Director in respect of NHS work and similarly that NHS staff are responsible to the Clinical Dean through the Head of Department and Chair of Group in respect of academic work.

#### **Training:**

The postholder will, together with the other members of the Dental Radiological Imaging Department, take responsibility for the training of other junior staff and Dental Care Professionals (DCPs)

#### **Research:**

StR's are encouraged to become involved in clinical research.

The Trust recognises the importance of advancing and disseminating knowledge of the biomedical sciences and the development and application of new and improved methods of treatment and patient care. To this end all Trust staff are entitled to a minimum of 1 notional half day (NHD) and a maximum of 3 NHD for Study, Teaching and Research ("STaR" sessions). The Trust and School have a strong research base and multi-disciplinary collaboration between clinicians and basic scientists is actively encouraged. Current research strengths and interests in the department of Dental Radiological Imaging include salivary gland imaging and interventional techniques, ultrasound and cone beam CT imaging. The underlying philosophy of this research parallels that of the Dental Institute in bringing together clinical scientists and basic scientists to form research teams addressing research questions which are both basic and clinically applied and making use of the wealth of clinical material available at the Dental Institute.

#### **Clinical Governance:**

All StR's are expected to take part in clinical governance activity, including clinical audit, clinical guideline and protocol development, and clinical risk management. They will be expected to produce evidence of their contribution in these areas and their audit of their own clinical work as part of their annual appraisal.

**Appraisal:**

All StR's are required to undertake annual appraisal. All trainees are required to have a Personal Development Plan (PDP) and maintain a log diary of their clinical experience. There will be regular educational appraisals with the Educational Supervisor allowing objectives and goals to be set and periodic summative assessments to measure progress. The ARCP process, carried out by HEE annually, involves the examination of documentary evidence of training, certifies progress, identifies gaps in training.

*Over and above this the appointee should be aware of and will be expected to:*

- Perform against the Trust's guidelines for patient care including the maintenance of satisfactory clinical records, dealing with complaints, ensuring that the appropriate pathways for recording patient attendances are followed and maintained.
- Ensure that all patients seen are reported on the Trust Electronic Patient Management System.
- All guidelines for correspondence including discharge to the referring practitioner and patient is undertaken within accepted time frames.
- Ensure that all patients allocated to them are under a named consultant.
- Ensure that a portfolio of patients treated, and other activities is maintained and kept up to date.
- Comply with the training regulations and portfolios.

The appointee may occasionally have to perform duties in unforeseen circumstances at the request of the appropriate consultants.

**Job Plan**

The job description is a reflection of the current situation and will be reviewed regularly in discussion with the post-holders. It is not intended to be exhaustive and it is likely that duties may be altered from time to time in the light of changing circumstances and after consultation with the post holder.

Timetables are very variable, depending on registrar's stage in training and the Departmental commitments throughout the year.

**DDR Examination structure in the 4 year training programme:**

Part I FRCR Physics – Undertaken during Year 1

DDMFR Part A

DDMFR Part A comprises two modules.

The anatomy module consists of a written paper and an image viewing component. The radiological sciences and techniques module consists of a written paper. The exam is undertaken after passing Part 1 FRCR Physics and completing a minimum of 12 months accredited dental and maxillofacial radiology training.



## DDMFR Part B

DDMFR Part B exam comprises three components; a rapid reporting session, a long cases reporting session and an oral exam.

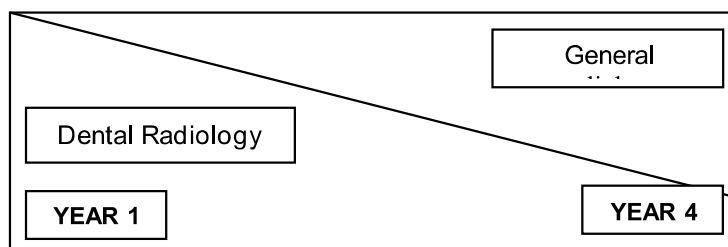
Undertaken after 30 months training and having passed Part A

### **Preparation for Part 1 FRCR :**

Trainees attend the London Part 1 FRCR course for clinical radiologists run in collaboration with HEE and the Royal College of Radiologists covering relevant physics, radiation protection and legislation and in addition attend Part I FRCR physics tutorials at GSTT together with the general radiology trainees. They are encouraged to enter the examination at the earliest opportunity.

Preparation for Parts A and B DDR:

The overall design of the programme is illustrated in the diagram below:



For the first part of the programme the Trainees are timetabled full-time within the Department of Dental Radiology at GSTT to enable them to gain maximum exposure and experience in all aspects of the Department including:

- Intra-oral radiography
- Extra-oral radiography
- Cone Beam CT
- Quality Assurance
- Radiography teaching
- Sialography
- Ultrasound
- Interventional salivary investigations
- Radiological interpretation
- Radiology teaching

As their progress dictates, time spent within dental radiology decreases as trainees are encouraged to attend relevant Head and Neck radiological tutorials and reporting sessions in general radiology to expand their training in:

- CT
- MRI
- Ultrasound
- Nuclear medicine
- General radiography and radiological interpretation
- Multidisciplinary meetings

These sessions are delivered at both Guy's and St Thomas' and the other trusts included in the Pan London programme.

As training progresses the proportion of time spent in general radiology increases with the time in dental radiology decreasing:

### **Additional training:**

Trainees are encouraged to join the national (BSDMFR), European (EADMFR) and International (IADMFR) specialist associations, to attend and participate in their meetings and congresses. To this end trainees receive supervision in:

- Setting up and executing research and audit projects
- Oral presentations
- Preparation of papers for publication

Trainees are also encouraged to attend additional relevant training courses and meetings. Study time is provided for them to prepare for and to attend all courses requested (within reason) and to prepare for all examinations.

Trainees are also encouraged to attend the various multidisciplinary and clinico-radiological meetings that are held within the different training hospitals.

### **Delivery of dental education:**

Topics covered in Dental Radiology include:

- Principles of imaging
- Principles of interpretation
- Dental X-ray equipment
- Practical aspects of X-ray production
- Factors that affect the radiographic image – kV, mA and time
- Practical aspects of X-ray interactions with matter
- Radiation protection and dosimetry
- Intra-oral radiography
- Extra-oral radiography including panoramic radiography
- 3D Dental Imaging (Cone beam CT) and diagnosis
- Digital imaging – intra-oral, panoramic and cephalometric
- Sialography
- Head and neck ultrasound
- Ultrasound guided biopsy techniques
- Salivary basket stone removal
- Endoscopy
- Sialolithotripsy
- Control of cross infection measures
- Quality Assurance
- Normal radiological anatomy
- Interpretation all normal views used in dentistry
- Radiology and pathology affecting the teeth and jaws including;
  - Caries
  - Apical inflammation/infection
  - Periodontal assessment
  - Developmental anomalies

- Cysts
- Tumours
- Fibro-osseous lesions
- Osteodystrophies
- Trauma and maxillo-facial fractures
- Antral diseases
- TMJ disorders
- Salivary gland disorders

Application of other imaging modalities in the head and neck region

Topics covered in the various general radiology departments:

- Chest radiography and interpretation
- Barium studies and reporting
- Contrast studies
- CT – emphasis on Head and Neck CT – normal anatomy and reporting
- MR – emphasis on Head and Neck MR – normal anatomy and reporting
- Ultrasound
- Nuclear medicine including PET examinations
- Specialised radiographic techniques employed in the Head and Neck region
- Plain film radiological reporting

### **Key Working Relationships**

- Consultants
- Clinical and Academic Leads
- Head Dental Nurse and their team
- Secretarial, administrative and other support staff
- Operational and General Managers
- Divisional clinical director and divisional manager
- Director of Dental Education
- University staff
- Other trainees

The above list is not exhaustive and the postholder will be expected to work as part of the team to ensure efficient and effective patient care and service delivery.

## **5. General Information Relating to Terms and Conditions of Service**

In addition to the information given above:

### **Main Conditions of Service:**

Please refer to HEE terms of service.

This post is exempt from the Rehabilitation of Offenders Act 1974 and this means that any criminal conviction must be made known at the time of application.

### **Medical Report:**

All appointments to the Trust are subject to Occupational Health clearance. Should you be offered the post, the offer will be subject to health clearance, and you will be sent an Occupational Health Questionnaire which must be returned as soon as possible. Please note that only when Occupational Health have evaluated your Questionnaire, and, if necessary, you have been seen by a doctor or nurse, and been confirmed fit for appointment will your employment offer/appointment be confirmed.

**Safeguarding children and vulnerable adults:**

All employees have a responsibility for safeguarding children and vulnerable adults in the course of their daily duties and for ensuring that they are aware of the specific duties relating to their role.

**Infection Control:**

All employees have a personal contribution to reducing healthcare-associated infections (HCAIs), must attend mandatory training in Infection Control and be compliant with all measures known to be effective in reducing HCAIs. Employees must be familiar with the Trust's Infection Control Policies, including those that apply to their duties, such as Hand Decontamination Policy, Personal Protective Equipment Policy, safe procedures for using aseptic techniques and safe disposal of sharps.

**Confidentiality:**

The post holder must maintain the confidentiality of information about patients, staff and other health service business in accordance with the Data Protection Act of 1998.

**Health and Safety:**

Employees must be aware of the responsibilities placed upon them under the Health and Safety at Work Act 1974, to ensure that the agreed safety procedures are carried out to maintain a safe working environment for patients, visitors and employees.

**Data Protection Act:**

All employees of Guy's and St. Thomas' Hospital Trust must not, without prior permission, disclose any information regarding patients or staff. In circumstances where it is known that a member of staff has communicated to an unauthorised person those staff will be liable to dismissal. Moreover, the Data Protection Act 1998 also renders an individual liable for prosecution in the event of unauthorised disclosure of information.

**Equal Opportunities:**

The Trust and KCL Dental Institute are committed to providing equal opportunities to all applicants for employment regardless of race, colour, nationality, ethnic or national origin, sex or marital status, also disability, religion, political beliefs, socio-economic background, parental status, sexual status, age (subject to normal retirement conventions) and trade union membership.

At all times staff must conduct themselves and carry out their duties in a manner which supports the Trust and Institute's equal opportunities policy and ensure that the working and learning environment provided with the Trust and KCL Dental Institute is free from bias and harassment.

**Annual Leave:**

30 working days plus Bank, Public and Statutory Holidays and extra statutory holidays as announced by the Trust Board from time to time.

All leave must be notified in advance to the Clinical Director and is subject to appropriate arrangements for cover having been made.

**Study Leave:**

10 days per annum (or 30 days in any three years) for personal professional development and continuing education; up to a further 20 days of leave for other professional purposes may be allowed subject to the agreement of the Clinical Director and Medical Director. Formal training provided within the training programme will be counted as part of the study leave. Funding for study leave will be in accordance with current HEE guidelines and funding.

**Superannuation:**

The appointment is superannuable under the NHS Pension Scheme unless within 13 weeks of starting employment with the Trust, you are notified otherwise or you opt out of the scheme.

**Other:**

This job description reflects core activities of a post at a particular time. The trust expects that all staff will recognise this and adopt a flexible approach to work.

All StR's are expected to contribute to the smooth running of their clinical service as required; in particular, to comply with the policies and procedures, Standing Orders and Financial Regulations of the trust.

The StR will be subject to regular appraisal and Annual Review of Competency Progression (ARCP).

Salary scale: As stated in the advert

London Weighting: As stated in the advert

**6. Person Specification**

Please refer to the PS for the national recruitment process of StRs.

**7. Supplementary Information**

Facilities to support the post

**King's College London** is a major multi-faculty university institution with some 19,200 students. It is one of the two founding colleges of the University of London and has a leading position in UK higher education with a world-wide reputation for research and teaching.

King's is in the top group of universities for research earnings with income from grants and contracts of £100 million and an annual turnover of £348

million. King's is a member of the Russell Group, a coalition of the UK's major research-based universities.

King's has just completed a thorough strategic review of its research profile. This reflected the College's determination to build upon areas of strength and comparative advantage. The review has placed particular emphasis on reinforcing King's ability to work across traditional academic boundaries and exploit the practical applications of research.

There are nine Schools of Study:

- Biomedical & Health Sciences
- Dental Institute
- Health & Life Sciences
- Humanities
- Law
- Medicine
- Nursing & Midwifery
- Physical Sciences & Engineering
- Institute of Psychiatry
- Social Science & Public Policy

offering more than 200 undergraduate and 230 taught postgraduate programmes covering an unusually wide range of traditional subjects and innovative new studies.

The College has had 24 of its subject-areas awarded the highest rating of 5\* and 5 for research quality, demonstrating excellence at an international level. The recent Institutional Audit, carried out by the Quality Assurance Agency, received an excellent result.

Based in the heart of London, the College has four major Thames-side campuses between the Houses of Parliament and London Bridge, with a further campus in south London. King's is now in the final stages of a £400 million upgrading programme which is transforming its estate. This is the most ambitious and far reaching redevelopment programme recently undertaken by a UK university. The result is greatly improved libraries, teaching and research rooms, laboratories and social space.

### **The Dental Institute**

The Guy's Dental Hospital is the largest dental hospital in the UK. It forms part of the 'King's College London Faculty of Dentistry, Oral & Craniofacial Sciences' the largest Dental Institute in Europe. The 2020 QS World University Rankings rated the Dental Institute 1<sup>st</sup> in the UK, 1<sup>st</sup> in Europe and 1<sup>st</sup> in the world. We seek to strengthen our position as an outstanding Academic Health Sciences Centre (AHSC) delivering clinical care, research, teaching and training. Further details of the Dental Institute may be found on its website: [www.kcl.ac.uk/dentistry](http://www.kcl.ac.uk/dentistry).

In making new appointments the Dental Hospital seeks to attract and appoint exceptional academic clinicians, capable of delivering not only excellent clinical care but also who want to be involved in teaching at undergraduate

and/or postgraduate level and in research, capable of making important, new contributions, maintaining the Dental Institute's considerable momentum at the cutting edge of oral health sciences. The Dental Hospital is forward-looking and dynamic with many state of the art facilities in which to undertake clinical care and pursue research. The immediate goal is to maintain our position as one of the world's leading centres for dental healthcare, education and research.