

# Job Description

Medical and Dental

Nuclear Medicine Consultant/ Radionuclide Radiologist -  
10PA



# Welcome from the Chief Medical Officer

Dear Candidate,

I am delighted that you are interested in a medical career at Barking, Havering, and Redbridge University Hospitals NHS Trust (BHRUT). We are a large teaching Trust located in North East London. Our vision is to provide outstanding healthcare to our community, delivered with pride. It is driven by our PRIDE values and behaviours which were developed together with our staff.

Our major sites – King George Hospital in Ilford and Queen's Hospital in Romford – are in excellent locations, less than 30 minutes from Central London, easily accessible to the coast, and the Essex countryside. We operate two emergency departments and offer a full range of acute services. We have a neuroscience centre, a cancer centre, and a hyper acute stroke unit to provide specialist care.

Our hospitals offer a range of exciting opportunities, and we have a huge range of services where you will get amazing clinical exposure. We provide care for the residents of three of the most diverse London boroughs.

We have a strong commitment to the delivery of high quality education and training across all grades of doctors. We tailor the education and training programme to the needs, skills, experience and competence of each doctor and their specialty.

We have a clear clinically led strategy to transform secondary care in North East London. This includes our close working relationship with Barts Health, to tackle our waiting lists, improve our urgent and emergency care. Our doctors are fundamental to achieving this and we want to ensure that all our patients have the best experience and outcome in our care.

I wish you every success with your application.



A handwritten signature in black ink that reads "Mamta". Below the signature is a small, stylized mark that looks like a flourish or a small "M".

Mamta Vaidya

## About us

With a dedicated workforce of more than 7,500 staff and volunteers and an income of £570m, we are one of the larger acute trusts in the country.

We provide care for a population of around 750,000 people across northeast London (NEL) and that number is predicted to increase by 15 per cent over the next ten years. We serve three London boroughs with diverse populations, and more than half of our workforce identify as Black, Asian, or Minority Ethnic. In addition, eight out of every ten employees are women, and most of our workforce lives within the host boroughs of Barking and Dagenham, Havering, and Redbridge.

We also provide healthcare services to people in southwest Essex, and specialist neurosciences services to the whole of the county.

Our services include all the major specialties of large acute hospitals, operating from two main sites - King George Hospital in Goodmayes and Queen's Hospital in Romford. We also provide outpatient services at Brentwood Community Hospital, Barking Hospital, Loxford Polyclinic and Harold Wood Polyclinic. We have two of the busiest emergency departments in London - in 2019/20, emergency and urgent attendances (Type 1 & 2) were 189,518 and there were nearly 65,000 ambulance arrivals at both sites.

Over recent years, our Trust has made significant improvements to the quality of care we provide patients. Four years ago, following a re-inspection of services by the Care Quality Commission, we were taken out of quality special measures, and have improved our overall rating from 'Inadequate' to 'Requires Improvement'. Since then, ongoing improvements in the quality of care have been recognised by various external partners and organisations. In early 2018, the Trust entered Financial Special Measures. A Financial Recovery Plan is in place to deliver the financial savings required over the coming years.

Like other trusts across the country, Covid-19 meant we had to transform, overnight, the way we cared for patients and delivered services. Collaborative working with system colleagues ensured we were one of the first to set up a long Covid clinic that is proving invaluable in supporting the ongoing needs of residents. During the vaccine rollout, King George Hospital was designated a vaccination centre and was established and launched in just seven days.

We have been making good progress as we respond to the needs of those people whose treatment was delayed by the virus. Our teams have been finding innovative new ways to tackle waiting lists and get patients the care they need as quickly as possible. And they've come up with equally inventive names, from super clinics such as Bones R Us through to the Scalpel Project and Gastronaughts!

We know that we have much work to do to improve waiting times for urgent and emergency care, and performance against the four-hour emergency access standard remains challenged, in

## OUR PRIDE VALUES

PASSION

RESPONSIBILITY

INNOVATION

DRIVE

EMPOWERMENT

comparison to most other London trusts. This aspect of the organisation's work will be one of the many benefits of closer collaboration with Barts Health. Working with them and with all partners across NEL, we will find a sustainable solution that will enhance patient care.

We are particularly proud of our regional Neurosciences Centre; Radiotherapy Centre; Hyper Acute Stroke Unit; and dedicated breast care service at King George Hospital. We're also pleased to be part of the NEL Cancer Alliance.

As well as having a Hyper Acute Stroke Unit at Queen's Hospital, the stroke service has transformed from being 'D' rated to the highest possible 'A' rating. The improvements that have taken place have included changing stroke consultants' working patterns to match demand and introducing a virtual ward that allows patients, where appropriate, to receive care and support in their own homes.

In 2017, the Trust unveiled one of the UK's first Halcyon radiotherapy machines, which is just one example of the cutting-edge treatment we now offer patients. We also provide Ethos therapy, which uses artificial intelligence to tailor treatment to patients' changing daily anatomy (in terms of their tumour's shape and position) and are improving our diagnostics equipment and space at King George Hospital.

Other investments include £11.5m being spent to expand and enhance critical care at both sites, as well as improvements to our Emergency Departments.

We offer staff the opportunity to train to become nurses, while continuing to work full-time in our hospitals. This pioneering Registered Degree Nursing Apprenticeship is transforming lives - and helping to reduce shortages - by supporting staff who wish to progress to become nurses and were unable to undertake the usual degree route after leaving school. Growing our own nursing workforce through this route is just one of the ways we have reduced our nursing vacancies and improved retention rates.

Patient experience is hugely important to us as a Trust and has been recognised at the national Patient Experience Awards, particularly for the support we provide to bereaved families. We are also developing our staff networks and we are determined to continually improve our culture for the benefit of our workforce and our patients. We have appointed a Director for Equality, Diversity and Inclusion who is leading the work to foster a culture that is fair, equitable and inclusive and where every voice counts.

With such continuous improvement always at the forefront of our thinking, we are proud to have partnered with the Virginia Mason Institute, along with four other trusts in the country. Now, with the five-year collaboration at an end, we are continuing to embed The PRIDE Way as our methodology for quality improvement.

In the last year we have restructured our management function, to strengthen both clinical leadership and the senior management team. Clinical Group Directors lead five divisions, supported by a Director of Operations, Specialty Lead, Clinical Group Director of Nursing and AHPs and General Manager.

The Clinical Groups are:

- Frailty and Acute Medicine
- Specialist Medicine
- Women and Child Health

- Cancer and Clinical Support
- Surgery

## Our Trust values

We take PRIDE in everything we do, our five core values reflect that PRIDE. These values were developed together with our staff. We work hard to provide outstanding care to our community, delivered with PRIDE.

Our PRIDE values of Passion; Responsibility; Innovation; Drive and Empowerment inspire us and keep our patients at the heart of everything we do.

## Cancer and Clinical Support

Barking, Havering and Redbridge University Hospitals NHS Trust (BHRUT) is formed by five clinical groups: Cancer and Clinical Support; Frailty and Acute Services; Medicine; Surgery, Critical Care and Anaesthetics; and Women and Child Health.

Nuclear medicine is under radiology which forms part of the Cancer and Clinical Support Clinical Group.

The Cancer and Clinical Support Services Clinicalgroup consists of following departments:

Oncology/Haematology/Palliative Care  
Radiology  
Therapies  
Pathology  
Pharmacy

## Radiology

Radiology is a large and busy department we have an establishment of 43 Radiologists. The department currently provides cross sectional diagnostics from King George Hospital, Queen's Hospital and Barking Community Diagnostic Hub. In 2022/23 we undertook over 130,00 MRI and CT examinations. In 2023/24 we will exceed this activity.

The department has seen a significant development over the last 3 years, with new CT scanners at King George Hospital and Barking Community Hub and a new MRI including a 3T at King George. Other significant capital investments have included the replacement of the second Biplane Theatre with a new state of the art Biplane. Further developments are planned for 2023/24. To support this new equipment the Trust has increased the number of reporting radiologists and we have recruited additional radiographers and sonographers to support scan acquisition.

The radiology department offers a breast care service to approximately 800,000 people in four boroughs: Havering, Barking and Dagenham, South West Essex and Redbridge. The service covers all aspects of breast cancer care including, symptomatic, risk related care and reconstructive surgery. The Breast Service functions as a single Multi-disciplinary Team

which is part of the North East London Cancer Network (NECLN) and London Cancer pathway. The trust treats close to 500 cancers annually, a third of which are cancers detected at local breast screening service and is one of the larger partners in the *London Cancer* pathway. The Symptomatic service received close to 5500 two-week wait referrals in the same period.

Radiology Management team:

- Clinical Director for Radiology                      Dr Pravin Ghadge
- Radiology General Manager                              Mr James Dennis
- Nuclear Medicine Manager                                Ms Karen Gannon
- Nuclear Medicine Clinical Lead                          Dr Elena Macias-Fernandez

RADIOLOGY TEAM:

- The successful candidate will join a team of existing Consultant Radiologists
- The radiology team is supported by a full team of radiographers, nursing, managerial and support staff including administrative staff and PACS team.

Details of Radiologists within the Specialty of Radiology:

CONSULTANT	SPECIALITY
Dr. Pravin Ghadge	Clinical Director and Cross-sectional/General/GI interest
Dr. Zoltan Nagy	Cross-sectional/General and Lead for cross sectional- body Imaging
Dr Kishor Barhate	Cross-sectional / General/GI interest
Dr. Maria Lafarga	Cross-sectional / General/GI interest
Dr. Ogbeide Evbuomwan	Cross-sectional / General/ GI interest
Dr. Suzzane Koshy	Cross-sectional / General/ GI interest
Dr. Mohamed Elsayad	Cross-sectional / General/ Urogynaecology interest
Dr Basab Bhattacharya	Cross-sectional / General/ Urogynaecology interest
Dr. Salma Gul	Cross-sectional / General/ Urogynaecology interest
Dr Sameen Rana	Cross-sectional/General with Intervention/Cardiac /Chest interest
Dr Ovidiu Parvu	Cross-sectional / General/Chest/Cardiac interest
Dr Ahmed Elhagar	Cross-sectional / General /Chest and Pediatric interest
Dr Abdel Elsayad	Cross-sectional / General/GI interest
Dr Elie Sleimen	Cross-sectional / General
Dr Harish Nagraj	Cross-sectional / General/MSK interest
Dr Sofia Vrizidou	Cross-sectional / General/MSK interest
Dr Sagar Maheshwari	Cross-sectional / General/MSK interest
Dr. Soumya Regi	Cross-sectional / General/MSK and chest interest
Dr Priego	General/Pediatric

Dr Wijayasundara	General / Breast / Lead for breast imaging
Dr B. Szabo	General/Breast
Dr A. Clayton Jolly	General/Breast
Dr Basharat	General/Breast
Dr Prabhu	General/Breast
Dr K. Bellam-Premnath	General Interventional / Joint lead for IR
Dr Ahmed Saleh	General Interventional / Joint lead for IR
Dr Elsakhawy	General Interventional
Dr Mohamed Shariq	General Interventional
Dr. S. Chawda	Neuroradiology
Dr. R. Alkilani	Neuroradiology
Dr Hattangadi	Neuro Head/Neck and Lead for Neuroimaging
Dr. Horsburgh	Neuro Head/Neck
Dr. Mobarak	Neuro Head/Neck
Dr Hughes	Neuroradiology
Dr R. Gunasekera	Nuclear medicine
Dr Elena Marcias Fernandez	Nuclear medicine
SPECIALITY GRADE	
Dr Balachandran	General
Dr Ali Taio	General/Breast
Dr Hazza Neven	Cross-sectional / General
Dr V Pashunova	General
Dr Reza Tabari	General Interventional
Dr. Shady Hegab	General Interventional

We have 4 trainee doctors and 1 fellow in the department presently.

## Nuclear Medicine

The department of Nuclear Medicine serves the acute services on the Queen's site and specialist services at the King George site, along with radiopharmaceutical manufacturing from the Queens site. The Queens site is equipped with three dual headed SPECT capable gamma cameras; the King George site is currently equipped with a single headed gamma camera that is due for replacement.

There is an in-house radiopharmacy and blood labelling facility. This supplies both the local departments and other external sites.



The Nuclear Medicine department performs a wide range of diagnostic studies, approximately 5500 studies per annum. Approximately 100 outpatients therapy procedures are undertaken each year, including the treatment of benign thyroid conditions and radium therapy for metastatic castrate resistant prostate cancer. Myocardial perfusion stress is carried out by a fully trained CNS with assistance from technical members of staff.

The department is supported by 6 + 1 vacancy WTE technicians/radiographers, 1 WTE Nurse, 2 WTE physicists and 2 WTE Administrative and Clerical staff. There are 2 PACS terminals, symbia.net access and HERMES processing options.

We provide a Monday – Friday (08:30 – 17:00) Nuclear Medicine imaging service.

Future plans include the introduction of a 32-slice SPECT/CT service to the department in early 2024 and expansion of our existing therapy services. There are also plans to establish a PET/CT service in the trust with opportunities for local reporting.

The trust has a large and well-staffed research unit, and the post holder will be expected to be actively engaged in clinical trials.

## **JOB SUMMARY:**

We are looking for an enthusiastic and dynamic Nuclear Medicine Physician / Radionuclide radiologist to join our team and contribute to the modernization and expansion of the nuclear medicine services in the trust.

The advertised post is for a substantive, permanent role with 10PA's and will cover all diagnostic Nuclear Medicine work as well as a range of outpatient therapeutic procedures.

The post is primarily located at Queens's Hospital, Romford, Essex, although there may be some sessions at King George Hospital, Ilford.

The successful candidate will support the current Clinical Lead and will be directly involved in the implementation of hybrid imaging in the trust.

The post holder will be encouraged to develop a particular area of expertise.

Each consultant will have an office space, secretarial provision, access to a PACS reporting station, a PC and in addition a reporting workstation for remote access to images.

It is expected that the post holder will contribute to specialist MDTs.

The candidate will undergo Trust induction after starting the job.



## PRIMARY DUTIES AND RESPONSIBILITIES OF THE POST

- To provide medical cover for patients while in the Nuclear Medicine.
- Vetting and supervision of scans in the Nuclear Medicine department to maintain quality.
- Supervision of cardiac stress procedures.
- Reporting of all imaging and non-imaging examinations including paediatric scans performed in the department.
- Processing of SPECT and SPECT/CT studies as required.
- To participate in the delivery of the radionuclide therapy service for benign and malignant thyroid therapy following discussion.
- Administration of radium therapy injections for castrate resistant metastatic prostate cancer, working closely with the Clinical Oncologists.
- General liaison with other departments and attendance to agreed MDT's.
- To participate in teaching of staff and students.
- To be involved with the development of the Nuclear Medicine service, including participating in and initiating research within the department.
- To participate in departmental meetings, and in-house teaching programs.
- To participate in regular clinical audit within the department and to comply with audit information requests from other Trust departments.
- To commit to personal development within the scope of practice and comply with any revalidation requirements.
- Behave in line with Trust principles, policies, and protocols.

## JOB PLAN

The job plan below gives a general outline of the duties of the post and is not intended to be inflexible. This can vary as per the changing needs of the department and the skill set of the physician /radionuclide radiologist. The job plan will be reviewed annually and adapted to the service needs.

Day	Time	Location	Work	Category	No. of Sessions
Monday	AM	QH	Cardiac Stress Session supervision Cardiac processing and reporting	DCC	1
	PM	QH	Reporting urgent and elective NM studies	DCC	1
Tuesday	AM	QH	Cardiac Stress Session supervision Cardiac processing and reporting	DCC	1
	PM	QH	Vetting Supervision and reporting of urgent and elective NM studies	DCC	1
Wednesday	AM	QH	SPA Audit / Research / Teaching/CPD	SPA	1
	PM	QH	Administration/ managerial work	MPA	0.5
			Reporting	DCC	0.5
Thursday	AM	QH	Endocrinology MDT preparation Endocrinology MDT ¼	DCC	0.5
	AM	QH	Vetting and supervision	DCC	0.5
	PM	QH	Supervision of Radium therapies Supervision f 123 I studies	DCC	0.5
			SPA Audit / Research / Teaching/CPD	SPA	0.5
Friday	AM	QH	Cardiac Stress Session supervision Cardiac processing and reporting Vetting and supervision of scans	DCC	1
	PM	QH	Reporting elective NM	DCC	1
					1.5 SPA 0.5 MPA 8.0 DCC
				<b>Total Sessions</b>	10.00

## PERSONAL SPECIFICATION

<b>NM Consultant</b>  <b>Personal Specification</b>	<b>Essential</b>	<b>Desirable</b>
<u><b>Professional Qualification</b></u>	Full GMC registration Specialist Register in Nuclear Medicine  Holder of Certificate of Completion of Training (CCT)/CESR	MSc Nuclear Medicine  Eligible to hold an ARSAC license
<u><b>Knowledge and Experience</b></u>	Extensive experience in general nuclear medicine, including SPECT and SPECT/CT Reporting  Experience in radionuclide therapies  Appropriate knowledge base and ability to apply sound clinical judgement to clinical and imaging problems based on current national and international guidelines	<b>Competent in cardiac stress testing</b>  Experience in PET/CT reporting  Experience in teaching and training  Experience/participation in research studies, publication, and presentation to specialist societies
<u><b>Skills, Abilities and Aptitude</b></u>	Ability to communicate clearly in written and spoken English  Good communication skills with patients, medical and allied health professionals  Good team working skills within the department and multidisciplinary team  Ability to build rapport, listen, persuade and negotiate  Ability to consider problems, seek advice, take decisions and propose and implement solutions	

	<p>Ability to cope with and effectively organize the workload of a consultant</p> <p>Ability to take responsibility and show evidence of leadership</p> <p>Value diversity and demonstrate respect for others</p>	
<p><b><u>Clinical Governance, Management and IT</u></b></p>	<p>Understanding the concepts and application of clinical governance</p> <p>Evidence of contribution to effective clinical audit/quality improvement/risk management</p> <p>Familiarity with PACS and other IT systems relevant to radiology.</p>	<p>studies, publication, and presentation to specialist societies.</p>

#### **PRELIMINARY VISITS AND DISCUSSION**

Candidates may discuss the post and arrange visits with Dr Elena Macias-Fernandez (Clinical lead for Nuclear Medicine)

Contact email: [elena.macias@nhs.net](mailto:elena.macias@nhs.net)