

JOB DESCRIPTION

Job Title: Stoke Mandeville Musculoskeletal & Spinal Radiology Fellowship
Speciality: Radiology
Dates of Post: 01.08.2022 – 31.07.2023
Base: Stoke Mandeville (Some work Trustwide)
New or Replacement Post: Replacement
Remuneration (Salary Scale): MN37 - £33,128 – £52,090
Full Time / Part Time: Full time
Hours of Work: 40 per week
Managerial Accountability and Professional Accountability: Medical Director Reports to: - SDU Lead – Richard Hughes Fellowship Director – David McKean
Clinical Tutor: David McKean
Annual Leave Arrangements: Leave must be planned in advance and must be agreed with your supervising consultant. Annual leave entitlement will be 5 weeks plus 2 days or 6 weeks plus 2 days dependent on point of salary scale.
Obligations: The post holder has a responsibility to ensure that appropriate arrangements are in place to cover his/her clinical duties during any absence and that all leave is coordinated with colleagues to ensure adequate cover arrangements. This includes all forms of leave.

General Conditions of Appointment

The Trust requires the successful candidate to have and maintain full registration with the General Medical Council (GMC) and to fulfil the duties and responsibilities of a doctor as set down by the GMC.

MAIN PURPOSE OF THE POST

The Musculoskeletal Radiology Fellowship is a clinical and research program based at Stoke Mandeville Hospital and the National Spinal Injuries Centre (NSIC), the oldest, and one of the largest spinal injury centres in the world.

The fellow will participate in an intensive training program in musculoskeletal imaging, which includes plain film radiographs, ultrasound, CT and MRI of the musculoskeletal system, image-guided interventions, arthrography, percutaneous bone biopsy and complex spinal

intervention including vertebroplasty and spinal ablation.

The fellow will be involved in a variety of novel techniques (for example dynamic MDCT for spinal stability) and be exposed to wide-ranging pathologies.

There will be opportunities to attend weekly Musculoskeletal MDT meetings, Spinal Orthopaedic MDT, Spinal Injury MDT at Stoke Mandeville Hospital and attend the regional Sarcoma MDT at the Nuffield Orthopaedic Centre (NOC) in Oxford.

Fellowship training is enhanced by close collaboration interaction with the orthopaedic surgical staff and members of the rheumatology department. This will include opportunities to attend theatre for teaching from Mr Stuart Blagg, President of the British Association of Spinal Surgeons (BASS) and to collaborate on research projects with the spinal orthopaedic fellows.

The faculty is active in a variety of clinical research projects and the fellow will be given the opportunity to complete a research project during their fellowship.

RESPONSIBILITIES

Duties and Responsibilities

The purpose of this post is to provide a broad training in musculoskeletal radiology. The fellow will be expected to:

- i) work with the consultant and SpRs to fulfill the clinical obligations of the department,
- ii) participate in research projects,
- iii) participate in formal and informal teaching.

Clinical Commitment

The fellow will join the Rota initially under the direct supervision of a consultant but will have a more autonomous role as he/she gains experience. The fellow will be expected to report a minimum of 200 plain x-rays per week.

An example of a typical Weekly Timetable:

	AM	PM
Monday	Regional Sarcoma MDT/ Ultrasound/ CT intervention	Spinal Orthopaedic MDT/ultrasound
Tuesday	MRI Reporting	General Reporting
Wednesday	MSK/ Rheumatology MDT	Spinal Injuries MDT/ Ultrasound
Thursday	CT Intervention	MRI Reporting
Friday	Spinal Intervention	MRI Reporting

Teaching, Audit and Research

The Fellow may be expected to participate in teaching of the specialist registrars and occasionally other medical and non-medical personnel. Participation in audit is required. There should be some opportunities for research during the appointment. Additional research sessions may be available for worthy projects.

The radiology department at BHT is highly regarded within the Trust as an approachable and innovative department. It has consistently achieved the highest score in the Oxford radiology registrars' feedback in the past decade in the regional programme.

Key tasks

- To provide specialist musculoskeletal imaging and interventional radiology services
- Maintenance of the highest clinical standards in the Department of Radiology
- To share with colleague's responsibility for the day-to-day management of Radiology Services
- Teaching and training of junior staff.
- To actively participate in both Departmental and Trust matters concerning Clinical Governance and audit.
- To have responsibility for ensuring active participation in continuing professional development (CPD).

Administration Arrangements

The successful applicant will have office space within the Department, this will be shared. Full time secretarial support will be available from the dedicated Secretarial Office and access to a PC provided with connection to the local network and Internet.

There is a bi-monthly Business Meeting, attended by Radiologists, the Radiology Manager, Support Services Manager and key radiographic staff.

The post holder will be managerially accountable to the SDU Director and professionally accountable to the Medical Director.

DEPARTMENT INFORMATION

DIRECTORATE & DEPARTMENT

Clinical services in the Trust are organised into 5 Divisions with Divisional Directors, incorporating several Service Delivery Units. Radiology functions as a Service Delivery Unit within the Division of Specialist Services. The Medical Director is supported by an Associate Medical Director.

Radiology Service Delivery Unit

This comprises Radiology, Breast Screening and Medical Photography. In 2015/16 the Radiology SDU services performed over 330,000 examinations.

There are Radiology Departments on 6 of the Trusts sites. Consultant staff are based either at Wycombe or Stoke Mandeville and work across these two sites as appropriate. There is

currently no requirement to visit the other sites.

Both main Radiology Departments have good-sized seminar/clinical conference rooms including an interactive white board and projection facilities. There is video conferencing between the sites.

The extended role of the Radiographer is well developed across radiology. They perform joint injections, botox injections, PICC line placement. There is a team of radiographers who perform all the skeletal trauma reporting. In ultrasound sonographers perform vascular and MSK imaging, prostate biopsies and head and neck FNA.

Breast Screening Service Profile: Serving an eligible population of over 75,000 women the service has successfully implemented the programme extension (age range 47-73 years). The service is fully digital and carries out VAB and VAE. In addition, the unit provides a full symptomatic breast service.

Radiology Workload 2015/16.

BY MODALITY	Exams
CT	28,699
MRI	17,609
Obs-US	25,579
Non Obs US	45,939
Nuclear Med	1,769
Plain films	152,797
Fluoroscopy	5,199
Interventional (all)	13,325
Breast (excl. 1 st screening)	15,821

Stoke Mandeville Hospital Radiology Profile: Provides a range of services to GPs as well as serving the acute Hospital, and the National Spinal Injuries Centre. The Hospital has over 400 beds and is the main trauma centre for mid and South Buckinghamshire. The National Spinal Cord Injury Centre (120 beds) is on site and the Imaging Department provides a full range of diagnostic and interventional services for the centre. The Department is equipped with:

- 1 x MRI 1.5T Siemens Symphony MRI with TIM
- 1 x Toshiba Aquillion 1 Multi-slice CT.
- 1 x Siemens 64 Multi-slice CT – sited in A&E x-ray.
- 1 x Dual Head Philips Skylight Gamma Camera
- 1 x Siemens Axiom Artis Floor mounted C-arm Fluoroscopy Room
- 1 x Siemens Artis Zee Ceiling suspended Fluoroscopy Interventional Room with CT capability with an adjacent 5 bed recovery suite.
- 6 x general/dental rooms – including A&E X-ray
- 4 x ultrasound rooms in the main department and another 4 in Obstetrics
- 1 x clinical meeting room with video conferencing, interactive white board and projection facilities.

Wycombe Hospital Radiology Profile: In addition to GP services the Department serves the acute site, including the Emergency Medical Unit. There are plans to centralise Breast Imaging Services on this site. The Department is equipped with:

- 1 x MRI 1.5T Philips
- 1 x Toshiba Aquillion Genesis CT scanner
- 1 x Dual Head Philips Skylight Gamma Camera
- 1 x Siemens Axiom Artis Floor mounted C-arm Fluoroscopy Room
- 3 x General X-ray Rooms
- 3 x ultrasound rooms with a further 3 in obstetrics.
- 1 x clinical meeting room with video conferencing, interactive white board and projection facilities.

Amersham Hospital Radiology Profile: The bulk of referrals are from GPs although some OPD are supported on site. Facilities are:-

- 1x Whole Body DEXA, 2 x X-ray Rooms.

The remaining 3 sites at Marlow, Buckingham and Chalfont have single X-ray rooms all linked to the main hospital PACS.

There are ample opportunities for teaching and research. Radiology Registrars from Oxford rotate through the Department. There is an active Spinal Cord Injury Research Programme within the department, one of the substantive consultants leads this.

IT Overview: The Departments use Insignia PACS and Soliton RIS. The use of voice recognition software is advanced. As part of the AHSN the department will join a Thames Valley Insignia PACs system allowing easier access to radiology exams from other Trusts. Sunquest ICE Ordercomms system for Radiology and Pathology is active in primary care, and is now being rolled out in secondary care with a paperless reporting group looking at electronic reports.

Developments:

- Redevelopment of the A&E Department at Stoke Mandeville with 2 digital x-ray rooms alongside the 64 slice CT.
- Aquillion one CT installed in January 2016 in main SMH department.
- Outpatient coronary artery CT service has started this year.
- VAB and VAE in the breast unit; with charities providing funds for Tomosynthesis.

ADDITIONAL INFORMATION

Trust Values



Supervision

The post holder is required to understand their responsibilities in relation to junior clinical staff, in particular the duty to provide adequate clinical supervision to doctors in training and non-consultant career grade doctors in their clinical team.

Leadership

The Trust promotes clinical leadership at all levels in the organisation. It is expected that the post holder will support the lead clinician(s) in promoting multi-disciplinary working and ensuring strong and effective leadership and teamwork within the department.

Pensions

This post is subject to the provisions of the NHS Superannuation Scheme, which is contributory. Membership of the scheme is automatic unless election is made at anytime in favour of provision under a personal pension plan. After opting out of the scheme the employee will assume full responsibility for pension provision and compliance with the Social Security Act 1986.

References & Health Screening

Any offer of appointment will be subject to the receipt of three satisfactory references (one most recent employer at time of interview) and a health interview.

Rehabilitation of Offenders Act

Because of the nature of the work for which you are applying, this post is exempt from the provisions of Section 4 (2) of the Rehabilitation of Offenders Act 1974 by virtue of the Rehabilitation of Offenders Act 1974 (Exception) Order 19. Applicants are therefore not entitled to withhold information about convictions, which for other purposes are 'spent' under the provision of the Act, and, in the event of employment, any failure to disclose such convictions could result in the dismissal or disciplinary action by the Trust. Any information given will be completely confidential and will be considered only in relation to an application for positions to which the Order applies.

[For relevant posts - Within the terms of DHSS Circular (HC)(88) – Protection of Children – applicants are required when applying for this post to disclose any record of convictions, bind-over orders or cautions. The Trust is committed to carefully screening all applicants who will work with children and you will be expected to undertake a 'disclosure' check.]

Health and Safety at Work Act

The post holder is required to take responsible care for the health and safety of him/herself and other persons who may be affected by his/her acts or omissions at work. The post holder is also required to co-operate with Buckinghamshire Healthcare NHS Trust to ensure that statutory and departmental safety regulations are adhered to.

Confidentiality

The post holder has a responsibility to maintain confidentiality and ensure the principles of the Data Protection Act 1998, the Confidentiality: NHS Code of Practice and Trust policy on confidentiality and Data Protection are applied to patient, staff and Trust business/information.

Equal Opportunities

The Trust welcomes all persons without regard to age, ethnic, or national origin, gender or sexual orientation, religion, lifestyle, presenting illness, marital or parental status or disability. We aim to provide a non-judgemental service at all times.

Managing Risk: Maintaining skills and learning from problems

Reducing risk is everyone's responsibility. All staff in the Trust must attend training identified by their manager, or stated by the Trust to be mandatory. The Trust uses risk assessments to predict and control risk and the incident reporting system to learn from mistakes and near misses and so improve services for patients and staff. All staff are expected to become familiar with these systems and use them. The Trust has designated the prevention and control of

infection as a core issue in the organisation's clinical governance, managing risk and patient safety programmes. In consequence, all employees are expected to:-

- i) Follow consistently high standards of infection control practice, especially with reference to hand hygiene and aseptic techniques,
- ii) Be aware of all Trust infection control guidelines and procedures relevant to their work.

Governance

The appointee will participate in clinical effectiveness, audit, risk management and quality improvement initiatives as required by the Trust, Strategic Health Authorities and external accrediting bodies.

Post holders will aim to ensure that areas of the trust under their responsibility comply with "Standards for Better Health" Core and Developmental Standards and bring deficiencies to the attention of their Director"

Information Management/ Data Quality

The post holder must ensure that Trust records are documented, secured, stored and disposed of appropriately and in accordance with the Records Management: NHS Code of Practice and Trust policy. In addition, information recorded must be fit for purpose - accurate, relevant, up to date and complete.

Freedom of Information

The post holder must be aware that any information held by the Trust in theory could be requested by the public, including emails and minutes of meetings. It is therefore essential that records are accurately recorded and maintained in accordance with the Trust's policies.

Travel to other sites

You may be required to travel to other Trust locations. Please complete travel expense using the online system. Details of allowances can be obtained from the Human Resources Department.

Smoking statement

Smoking is not permitted in any premises or grounds managed, leased or owned by the Trust. Smoking is not permitted in Trust vehicles or in any vehicle parked on Trust premises.

Commitment to the Service Standards and the 5 Patient Promises

To fully adopt and encompass the Trust's 5 Patient Promises and Service Standards into their daily working practices.

To attend the mandatory training for the Trust's Service Standards thereby ensuring that you will be able to meet the agreed core objectives set within the Trusts appraisal system.

Safeguarding of Children and Vulnerable Adults

During your employment with the Trust, you have a responsibility to safeguard children and vulnerable adults. You are required to complete statutory and mandatory training and take appropriate action as set out in the Trust's policies and procedures.

General

The duties outlined above are not intended as a restrictive list and may be extended or altered to include other tasks that are commensurate with the grade. Should you have any queries or concerns relating to the contents of this letter, please contact the Medical Staffing Office, Wycombe Hospital, Alexandra Road High Wycombe Bucks HP11

Trust profile

Buckinghamshire Healthcare NHS Trust is an integrated Trust providing community, acute and specialist care in our hospitals, community locations and in people's homes. We care for patients from across Buckinghamshire and the borders of Oxfordshire, Hertfordshire, Berkshire and Bedfordshire.

We have around 6,000 highly trained doctors, nurses, midwives, health visitors, therapists, healthcare scientists and other support staff all working to deliver the best healthcare to our patients; from newborn babies to elderly people needing help to live independently at home.

2014/15 in numbers:

- 598,634 patient contacts in the community
- 543,754 outpatient contacts
- 85,000 inpatient contacts
- 108,639 people attending our emergency services.

Our hospital sites

- Stoke Mandeville Hospital, Mandeville Road, Aylesbury HP21 8AL
- Wycombe Hospital, Queen Alexandra Road, High Wycombe, HP11 2TT
- Amersham Hospital, Whielden Street, Amersham HP7 0JD
- Buckingham Hospital, High Street, Buckingham MK18 1NU
- Chalfont & Gerrards Cross Hospital, Hampden Road, Chalfont St Peter SL9 9SX
- Marlow Hospital, Victoria Road, Marlow SL8 5SX
- Thame Community Hospital, East Street, Thame OX9 3JT
- Florence Nightingale Hospice, Stoke Mandeville Hospital, Mandeville Road, Aylesbury HP21 8AL

Visit our website for more details on our services www.buckshealthcare.nhs.uk

Our vision

Our vision for Buckinghamshire Healthcare NHS Trust is to become one of the safest healthcare systems in the country. By being ambitious and through collaboration, integration and partnership we will achieve our mission and deliver safe and compassionate care, every time.

The Trust's clinical divisions

The Trust's clinical services are organised into five clinical divisions that form the core business areas:

- Surgery and critical care
- Integrated medicine

Safe & compassionate care,

every time

- Integrated elderly and community care
- Integrated women's and children's
- Specialist Services

Safe & compassionate care,

every time

Division of surgery and critical care	Division of integrated medicine	Division of integrated elderly and community care	Division of integrated women's and children's	Division of specialist services
Anaesthetics/critical care	Emergency medicine	Community locality teams	Community and integrated	Imaging / radiology
General surgery	Acute and general medicine	Medicine for older people/rehab	paediatrics	Pathology
Patient access	Site team	MuDAS	Obstetrics and gynaecology	Cancer services
Plastics and burns	Community speciality teams	Palliative care	Sexual health services / HIV	National spinal injuries centre (NSIC)
Ears, Nose and Throat (ENT)	Ambulatory care	Integrated therapies		Pharmacy
Ophthalmology	Respiratory medicine	Falls and bone health		Haematology
Pain team	Diabetes and endocrinology			
Urology	Gastroenterology			
Trauma and orthopaedics	Stroke and neurology			
Oral surgery and orthodontics	Cardiology			
	Dermatology			
	Rheumatology			

Living in Buckinghamshire

Buckinghamshire is an area of outstanding natural beauty and ranks as one of the top rural areas to live in the UK*. Stretching from the outskirts of London to the Midlands, the county offers a unique mix of bustling towns alongside the rolling Chiltern Hills and the River Thames. Country walks run between picturesque villages whilst the superb travel links give quick and easy access to the cities of London, Oxford, Milton Keynes and Birmingham.

Education

Schools in Buckinghamshire offer high quality education, preparing pupils for adult life. Our schools are amongst the best in the country, consistently performing above the national average. Buckinghamshire is one of the few counties in England to offer grammar school education alongside comprehensive secondary education. Admission to grammar school is selective and based on results of the eleven-plus exam. In addition, Buckinghamshire is well-served by many independent schools for children from the ages of five to 18.

Well connected

Access to London, the Midlands and airports is very easy via the M40, M4 or M25 motorways

You can be in central London in under an hour

- Just over 30 minutes by train from High Wycombe
- Around 40 minutes by train from Amersham
- Around an hour by train from Aylesbury

Heathrow Airport

- 20 miles from Amersham
- 21 miles from High Wycombe
- 38 miles from Aylesbury

Designer shopping outlet Bicester Shopping Village

- 17 miles from Aylesbury
- 34 miles from High Wycombe
- 45 miles from Amersham

The historic university town of Oxford

- 25 miles from Aylesbury
- 30 miles from High Wycombe
- 42 miles from Amersham

Some of our local attractions

- Warner Brothers Harry Potter Studio Tour
- Close to Pinewood and Elstree film studios
- Wembley Stadium
- Windsor and Windsor Castle
- Around 15 National Trust properties, parks and monuments
- Indoor and outdoor ski slopes
- Stunning countryside for walking, biking, horse riding
- Roald Dahl museum
- Zoos and safari parks

*Halifax Quality of Life Rankings 2012