

SHEFFIELD CHILDREN'S NHS FOUNDATION TRUST

Consultant Paediatric Radiologist (9 PA) with Expertise in Paediatric interventional Radiology, ENT and Nuclear Medicine

JOB DESCRIPTION

Introduction

Sheffield Children's NHS Foundation Trust (SCFT) are looking for an enthusiastic radiologist with specialist paediatric radiology training to join our team of 6 paediatric radiologists.

Applications are invited from candidates with general and specialist paediatric radiology training and a Certificate of Completion of Training (CCT) in radiology (or who will be within 6 months of being issued with their CCT at the time of interview).

Applicants for this post should demonstrate sub-specialist training in paediatric radiology at a recognised tertiary paediatric centre with additional specialist training and expertise in tertiary paediatric interventional radiology (including PCNL), ENT and Nuclear Medicine

The post is for 9 Programmed activities. Any Consultant who is unable for personal reasons to work full-time will be eligible to be considered for the post; if such a person is appointed, modification of the job content will be discussed on a personal basis with the Trust in consultation with consultant colleagues.

Duties of the post

The appointee will, together with consultant colleagues at SCFT, be responsible for providing daytime and on-call specialist Imaging Services at Sheffield Children's Hospital and Jessop Wing Special Care Baby Unit (Sheffield Teaching Hospitals NHS Foundation Trust - STHFT).

The services will include general paediatric radiology (plain film, ultrasound, CT, MRI & fluoroscopy). The South Yorkshire training scheme (STHFT) provide first on-call registrar cover for general paediatric imaging (i.e., CT and ultrasound) with consultants first on call for fluoroscopic studies, imaging of inflicted injury, MRI, and neonatal imaging.

There will be an on-call commitment of 1 in 7. Weeknight on-call is from 5pm to 9 am the following morning & weekend on-call is from 5 pm Friday to 9 am Monday. The post may include one day working off-site in a District General Hospital (approximately every 4 weeks).

Together with the sub-speciality paediatric radiologists at SCH the appointee will help to provide specialist support at SCH for –

1. Interventional radiology (biopsy and drainage procedures, PCNL)
2. Nuclear Medicine (vetting requests, liaising with the nuclear medicine radiographers, and reporting studies)
3. ENT radiology (vetting requests, reporting studies, and communicating with the ENT team (with shared responsibility for running the monthly ENT Radiology MDT)

Sheffield Children's NHS Foundation Trust is a standalone dedicated children's hospital trust which provides acute and specialist services combined with community and mental health care.

Sheffield Children's Hospital provides secondary paediatrics for the city, which comprises 20% of the population of North Trent. Regional services are provided for approximately 450,000 children under sixteen. The hospital is a designated paediatric regional trauma centre and the children's emergency department sees 55,000 new patients a year.

The majority of children's services are based at the Children's Hospital.

The Supra-District Neonatal Intensive Care Unit is part of the Jessop Wing of the Royal Hallamshire Hospital, situated about a quarter of a mile from the Children's Hospital. There are 7000 deliveries a year. The Children's Hospital provides paediatric radiology for this service.

Hospital services for adults in Sheffield are provided by the Northern General Hospital and the Royal Hallamshire Hospital, which, together with the Charles Clifford Dental Hospital and Weston Park Hospital, form the Sheffield Teaching Hospitals (STH) NHS Foundation Trust. They house University Departments in various disciplines and have academic, laboratory and library facilities on their respective sites.

The hospital is a major trauma centre, and a helipad is currently being built.

Sheffield Childrens Hospital (SCH)

The Children's Hospital is approximately one mile from the City Centre on the South-West aspect of Sheffield and 4 miles from the Peak District National Park. The Royal Hallamshire Hospital and the Jessop Wing (Obstetrics/Neonates), the Charles Clifford Dental Hospital, Weston Park Radiotherapy and Oncology Hospital, the Medical School and the main University Campus are all situated in close proximity to the Children's Hospital Site.

Adjoining the Children's Hospital is the Stephenson Building, which contains the Academic Division of Child Health (www.shef.ac.uk/childhealth), the Illingworth library and lecture theatre and the Department of Postgraduate Medical Education (these have been temporarily relocated during helipad construction).

Sheffield Childrens Hospital Activity

A recent major hospital development has provided new wards and facilities, a new spacious out-patient department, and a play area. Currently the hospital supports approximately 170 beds.

There are 11 operating theatres, a procedure room, and a 10-bedded Post-Anaesthesia Care Unit. There are about 16,000 general anaesthetics given each year. A 3T MRI scanner is directly linked to neurosurgical theatres to allow intra-operative MRI scanning.

Surgical services involve general, urology, neonatal, orthopaedic (including spinal surgery and limb reconstruction), neuro-surgery, plastic, ENT, max-fax, dental and ophthalmology. Currently there are 6 Consultant General Paediatric Surgeons and 7 Consultant Paediatric Orthopaedic Surgeons, plus a further 3 Spinal surgeons. The Trust has an 11 bedded Neonatal Surgical Unit and 4-bedded Paediatric Burns Unit.

There is a 10 bedded Intensive Care Unit and a 9 bedded High Dependency Unit. Paediatric retrievals are undertaken by Embrace, The Yorkshire and Humber Infants and Children's Transport Service.

Paediatric medicine provide audiology and hearing services, allergy, infectious diseases, immunology, child development and neurodisability, child protection and safeguarding, community paediatrics, the cystic fibrosis regional centre, dermatology, diabetic medicine, general paediatrics, oncology, haematology (including bone marrow transplantation), respiratory medicine including sleep studies, neurology, gastroenterology, hepatology, cardiology, nephrology, endocrinology, metabolic medicine, metabolic bone disease, rheumatology, neurophysiology and palliative care. All of the above are supported by specialist dietetics, physiotherapy and occupational therapy staff. The trust has recently been chosen as one of 4 national centres for the delivery of Zolgensma.

The Trust delivers out-patient services from a range of sites including Northern General Hospital, the Ryegate Centre and Community bases. The Trust is part of the South Yorkshire and Bassetlaw Integrated Care System (SYB ICS) and is the hub for paediatrics. Consultant Radiologists provide remote radiology support for Barnsley, Rotherham, and Doncaster

Community, Well Being and Mental Health (CWAMH) Services comprise community, in-patient and specialist services. It also includes Community Midwives, Health Visitors and Chaplaincy Services. CWAMH services also provide a Paediatric Psychology Service to the acute side of the Trust.

Research is one of the Trust's core strategic objectives. The Sheffield Children's NHS Foundation Trust Children's Clinical Research Facility (CCRF) was the first dedicated CCRF in the UK. It was opened at Sheffield Children's Hospital in January 2008. The CCRF provides all the facilities needed to undertake first class research in children and the Trust's R&D staff are embedded within the CCRF to provide on-site support. The CCRF can accommodate a range of studies, from experimental and translational medicine to phase IV clinical trials. The CCRF hosts a wide range of specialist paediatric research which includes NIHR portfolio research supported by the NIHR Medicines for Children Research Network (MCRN) and South Yorkshire Comprehensive Local Research Network.

The Radiology Department and Services

The specialised Paediatric Imaging Service is based at the Sheffield Children's Hospital. The Imaging Service supports the wide range of clinical activity undertaken by the Trust. In addition to the main Radiology department, there is a satellite x-ray room in the new out-patient department. This also contains the EOS scanner (for low dose scoliosis and mechanical axis assessment).

Multi-disciplinary meetings are held weekly with the major clinical specialities. A conference room is available in the department and meetings can be accessed via MS teams.

Interventional procedures performed under imaging guidance include biopsies, drainages and nephrostomies. The hospital has a percutaneous nephrolithotomy (PCNL) service with referrals from the North of England and Ireland (approximately 30 cases / year) - the post holder will join the team delivering this service and should demonstrate experience in this procedure. Other procedures include Botox injection under ultrasound guidance into psoas muscle, parotid and submandibular glands.

Dr Hughes provides specialist nuclear medicine reporting and Dr Raghavan supports the ENT team

Increasingly specialised imaging, including MRI, is being performed for oncology, gastro-enterology, respiratory and the surgical teams. Dr Ashok Raghavan, Dr Matthew Smedley, Dr David Hughes and Dr Leanne Royle have interests in these areas. The intra-operative 3T

MRI is used for non-operative cases as well and has provided additional MRI capacity to develop these services.

There is a strong clinical and research musculoskeletal interest at SCH, including metabolic bone disease, specialist orthopaedic surgery and rheumatology. Prof Amaka Offiah, Dr David Hughes and Dr Leanne Royle have interests in these areas. Arthrograms are also performed.

Prof Offiah is a national expert on skeletal dysplasia and the imaging of inflicted injury – she is also a Managing Editor of Pediatric Radiology.

There is a large and progressive neurosurgery and neurology department, and this receives excellent neuroradiology support from STH (Dr Dan Connolly and Dr Ruth Batty) and within the trust (Dr Ashok Raghavan). General paediatric radiologists provide support for routine on-call neuroradiology.

Dr Whitby (University of Sheffield) and Dr Raghavan have an interest in foetal MRI.

Echocardiography is co-located with Radiology. The trust has three paediatricians with cardiac expertise (PEC's) and 2 echocardiographers. 1 of the consultant radiologists provides on-call echocardiography cover and this post does not require cardiac sonography.

The Radiology department offers core and specialist SpR training as part of the Sheffield training scheme. Formal and ad hoc teaching is also offered to medical and non-medical staff throughout the trust. Dr Smedley is the College Tutor in charge of training.

SCFT has a large number of patients who have complex medical needs and are reliant on post-pyloric tube-feeding. On-call commitments include gastro-jejunal tube replacement at weekends (9am-5pm) and the applicant will be expected to demonstrate competence in this procedure

Radiology equipment

CT: GE VCT 64 slice (2010) being upgraded imminently to Siemens Somatom (2024)	Gamma Camera: CT SPECT GE Discovery 870 (2018)
Fluoroscopy: Toshiba Ultimix Multi-Purpose C Arm (2017)	MRI: GE 1.5T Optima 450 (upgrade planned for 2026) Phillips Ingenia 3T (2015)
Ultrasound: Philips EPIQ (2014) Philips EPIQ 7G (2019)	Cardiac Ultrasound: GE (2022) GE (2023) portable (with general US probes) Phillips Affinity Cardiac (2015)
DEXA: GE iDXA (2023)	EOS: (2020)

PACS:

We have a fully integrated Agfa Enterprise PACS and RIS with voice recognition. Agfa Xero provides viewing access to images in local DGH PACS systems. The SYB ICS is currently assessing systems that allow cross-site reporting.

Radiology Annual Activity

Sheffield Childrens Hospital	SCBU – Jessop Wing
Radiography 22,120	
Ultrasound 8146	
CT 1470	
Fluoroscopy 940	
Nuclear Medicine 305	
Theatre procedures 1195	
MRI 8132	
Total 43,292	
	Radiography 3500
	Ultrasound: 2015

SCH Department Structure and Management

The management structure of the hospital enables accountability for the purposes of clinical governance and budget responsibility. There are currently four Clinical Care Groups:

- A CWAMH (Community Wellbeing and Mental Health)
- B Medicine
- C Surgery and Critical Care
- D Pharmacy, Diagnostics and Genetics

Radiology is part of the Division of Pharmacy, Diagnostics and Genetics.
The Clinical Director of the Care Group is Dr Camilla Scott
The Associate Director is Mr Trevor Taylor.

The Departmental Manager and Budget Holder is Mrs Helen McQuillan.

Clinical Team Lead for Radiology is Dr Iwan Roberts.

The line managers for the Consultants are the deputy Medical Directors - Dr Rum Thomas and Dr Noreen West and Medical Director Dr Jeff Perring.

Departmental staff

Business Manager
Imaging Lead
Clerical Lead

Alex McClennan
Kelly Hetherington
Melissa Slocombe

General Radiographers (15)
Governance radiographer
MRI radiographers (6)
Sonographers (4)
Echocardiographers (2)

Radiographic aides
Clerical staff
PACS team
Secretaries
Reception staff

There are currently 7 paediatric radiologists at SCH:

Dr David Hughes	0.8 wte
Prof Amaka Offiah	0.6
Dr Ashok Raghavan	0.8
Dr Iwan Roberts	0.8
Dr Leanne Royle	1.0
Dr Matthew Smedley	0.9
Dr Chris Ng	0.9

Paediatric Neuroradiologists are contracted from Sheffield Teaching Hospitals:

Dr Ruth Batty	0.2
Dr Dan Connolly	0.3
Dr Hannah Holmes (starting March 2024)	0.3

Radiology Specialist Registrars on Rotation to SCH:	Year 4/5	1 - 2
	Year 2/3	2 – 3

Weekly Rota

This post consists of paediatric radiology at SCH with 1 clinical morning each fortnight at Jessop Hospital SCBU. Visits to local District General Hospitals have been temporarily suspended but the post may include a commitment to visit a local DGH (maximum one day every 4 weeks).

The person appointed will take their equal share in providing emergency cover. They will have a continuing responsibility for the patients in their care and for the proper functioning of the department. On-call is 1-in-7, covering SCFT and Jessop wing SCBU and is recompensed by 1 PA a week in lieu.

Reporting weekend plain x-rays at SCH is part of the on-call commitment and is recompensed with 1 additional PA in lieu during the following week.

A job planning meeting will occur annually (or more frequently if there are changes to working patterns). The division of clinical and non-clinical sessions will be as follows:

Direct Clinical Care 1PA for on-call	7.6 PA's (7.1 PA's for the 1st 2 years) includes
Supporting Programme Activities Audit and Teaching and CME	1.4 PA's (1.9 PA's for the first 2 years)
TOTAL	9 PA's

The week is organised on a variable rota which varies week-on-week and will reflect any special interests and commitments. Sample rota (will be adjusted to reflect an annual 42-week job plan):-

DAY	MON	TUES	WED	THURS	FRI
Meetings	10.00 Nuc Med	9.00 Oncology	9.00 SpR Teaching 1330 Medical	9.00 MSK MRI 9.00 Respiratory 12.00 SCBU 12.00 Rheumatology 15.30 Neuro-oncology 16.00 Neurology & Neurosurgery	8.30 Orthopaedics 10.00 Surgery 12.00 Oncology 13.00 Nephro- urology (Monthly)
AM	US/Fluoro/MRI	---	SPA	Duty / CT	Meetings
PM	Specialist reporting	In lieu of on- call	SPA	Fluoroscopy	US/Fluoro/MRI
On-call	1-in-7				

Audit meetings, REALM meetings and consultant management meetings are held monthly.

Accommodation

Office accommodation is provided with telephone, desktop computer with internet access and printer (intranet and internet access is also available via the diagnostic workstations)

Secretarial Support

Radiologists are supported by the department secretaries.

Teaching

The radiologists take part in hospital post-graduate teaching on a regular basis. There are responsibilities within the Sheffield rotational training scheme in radiology for Specialist Registrars in the department. The Consultants also take part in training scheme teaching sessions for pre and post FRCR registrars. The person appointed would normally be offered the title of Honorary Senior Lecturer by the University.

Clinical Governance and Audit

There is a lead for Audit within the department, currently Dr Raghavan. Meetings include REALM, specific audits, critical incident reporting and some morbidity and mortality. Interdepartmental meetings with the surgeons and paediatricians are held regularly.

Continuing Professional Development

The trust is committed to supporting the professional and personal development of consultant staff. Consultants are expected to participate in Continuing Medical Education.

Study and Professional leave (up to 10 days per annum, pro rata) and financial support for this is available.

All consultants are required to participate in the Trust's Consultant Appraisal Programme, which includes mandatory training.

THE MAIN CONDITIONS OF SERVICE

The consultant will be appointed by Sheffield Children's NHS Foundation Trust. Terms and Conditions will be in accordance with nationally agreed conditions of service for Consultants (England) 2003 in the National Health Service as approved by the Secretary of State for Health and may be amended from time to time. The arrangement of duties will be such as may be agreed from time to time between the Trust and the person appointed. The Trust has no objection to the post holder undertaking private practice in accordance with the Terms and Conditions of Service and the Code of Conduct for Private Practice.

This post has been assessed as having a high risk of occupational transmission of Hepatitis B; therefore, evidence of pre-existing immunity of Hepatitis B is a condition of appointment. The evidence provided must be to the satisfaction of our Occupational Health Doctor; in the event of the Occupational Health Doctor not being satisfied with the evidence produced, the appointee will be required to undergo a further blood test as confirmation of immunity. The successful candidate may be required to undergo a medical examination and will be required to undergo a police criminal convictions check.

The Trust is committed to providing safe and effective care for patients. To ensure this there is an agreed procedure for medical staff that enables them to report, quickly and confidentially, concerns about the conduct, performance or health of medical colleagues (Chief Medical Officer, December 1996). All medical staff, practising in the Trust, should ensure that they are familiar with the procedure and apply it.

RESIDENCE

The successful candidate will be required to maintain their place of residence in contact with the public telephone service and live not more than 10 miles by road or half-an-hour's drive from the Children's Hospital, Sheffield, unless prior specific approval to a greater distance is given by the Trust.

Removal expenses on appointment will be paid in accordance with the Trust's Relocation Expenses Policy. This document can be obtained from the Human Resources Department.

VISITS

Applicants are encouraged to contact the Radiology Team Lead for further details :-

Dr Iwan Roberts
Radiology Department
Sheffield Children's Hospital NHS Foundation Trust
Western Bank, Sheffield S10 2TH

Tel: (0114) 271 7166 – Departmental secretaries
Tel: 07856 205106
Iwan.roberts1@nhs.net

There is a provisional interview date of Tuesday 11th June 2024

TRUST VALUES

Our Values express what it is like to work in our organisation and our employees should make these a part of everything we do.

Keeping children, young people and families at the heart of what we do

Compassion

- We are led by kindness for all – for our patients, their families and our colleagues
- We will show empathy and understanding, treating everyone with dignity and courtesy
- We will respect each other and those we care for

Accountability

- We always strive to do the right thing
- We own responsibility for our successes, failures and understand where we need to improve
- We will create a supportive working environment where everyone takes responsibility for their own actions

Respect

- We value differences and treat everyone fairly and consistently
- We will actively tackle inequality and will foster a culture of inclusion

Excellence

- We will seek to improve the way we work and deliver a high quality standard of care
- We will be open to new ideas, through innovation, partnership, research and education locally, nationally and internationally

Together we care

SHEFFIELD CHILDREN'S NHS FOUNDATION TRUST

**PERSON SPECIFICATION-CONSULTANT PAEDIATRIC RADIOLOGIST (9PA's)
PERSON SPECIFICATION**

REQUIREMENTS	ESSENTIAL	DESIRABLE	HOW IDENTIFIED
Qualifications/Training a) Professional Qualifications b) General Professional Training	FRCR or equivalent higher qualification. Certificate of Completion of Training (CCT) or equivalent or within 6 months of gaining CCT		Application form
Knowledge/Previous Experience Clinical Expertise in Specialty	Completion of sub-speciality training in pediatric radiology in an approved location (as determined by the relevant Royal College committees). Current independent experience in delivering consultant-level on-call (including the imaging of neonatal bilious vomiting) Substantial experience in paediatric interventional radiology (including PCNL) with recent independent experience of biopsy and drainage. Current experience in the vetting and reporting of paediatric nuclear medicine studies Current experience in the support of a paediatric ENT service (vetting, reporting, communication and running a paediatric ENT MDT) Competence in the replacement of gastro-jejunal tubes (non-GA)		Application form Interview
Previous Training Management/Audit	Basic experience in management. Clear involvement in audit Understanding of NHS management responsibilities of consultants		Application form Interview
Academic	Has interest in research and has		Application form

HR Use only
AFC code:

Achievements Research/Publications	undertaken audit projects		Interview
Skills a) Leadership Skills b) Organisation Skills c) Communication Skills	Leadership skills Ability to work harmoniously as part of a multi-disciplinary team Good communication skills, particularly in dealing with medical colleagues, nurses, children and parents both within the service and with other Trusts Flexible/Adaptable/ Enthusiastic High level of personal organization.		Application form Interview References
Other Requirements	Evidence of a strong commitment to teaching.	Good IT skills.	Application form Interview
Demonstrates Trust Values	Compassion, Accountability, Respect and Excellence		Interview References
Other Requirements	Full GMC Registration and right to work in the UK		

HR Use only
AFC code: