

## **SHEFFIELD CHILDREN'S NHS FOUNDATION TRUST**

### **JOB DESCRIPTION**

#### **ROTATIONAL SENIOR CLINICAL FELLOWS**

An opportunity has arisen for rotational senior clinical fellow posts based at Sheffield Children's NHS Foundation Trust. These posts are aimed at doctors with paediatric experience who are eligible to work at ST4+ / middle grade level. The posts would be rotational posts of 1 to 2 years, with 3 to 6 month placements in various specialties. The roles could include Paediatric Critical Care, Paediatric Emergency Medicine, Paediatric Medicine including sub-specialty areas and Paediatric Transport with the Embrace team, depending on the individual specialty manpower gaps and the experience of the appointees. .

These posts would offer flexibility in training and a varied clinical experience in a supportive paediatric setting. The roles would include attendance at protected teaching/training sessions thereby providing a safe and positive working environment.

The posts would be hosted at Sheffield Children's hospital (apart from if rotating to the regional transport service).

#### **Sheffield Children's Hospital**

Sheffield Children's NHS Foundation Trust is one of only three dedicated children's hospital trusts in the UK and provides integrated healthcare for children and young people, including community and mental health care as well as acute and specialist services. We see children from 0-16 years in most cases and in some cases up to 18. It provides a full range of services for residents of Sheffield and South Yorkshire as well as specialised services for patients from across the United Kingdom. In 2021/22 we saw 210,439 children in outpatients, 10,732 ward admissions, and over 60,720 in the Emergency Department. Embrace transported nearly 1,975 patients.

Services include gastroenterology, endocrinology, neurology, cystic fibrosis, respiratory, immunology, metabolic medicine, clinical genetics, auxology, rheumatology, haematology, oncology and bone marrow transplants. Surgical services include paediatric and neonatal surgery, orthopaedics, neurosurgery and spinal surgery, ENT, Plastics, Ophthalmology and Maxillofacial surgery. Sheffield Children's Hospital is a Major Trauma Centre and a regional burns centre. CAMHS services are based across the city as well as at the Children's Hospital.

There are approximately 150 in-patient beds of which approximately 65 are medical.

#### **Post-graduate Facilities**

The Illingworth Library provides facilities for all of the Sheffield based NHS staff and University of Sheffield staff and students. The library is the specialist resource for paediatrics in the Sheffield area. The library is linked to the University and Sheffield Children's Hospital Trust networks, which provide CD-ROM and Internet access to medical resources such as Cochrane Library and Medline. Mediated searches are offered by library staff. Postgraduate Medical Education

There is a weekly Postgraduate Meeting (Grand Round) on a Thursday. Throughout the week there is a variety of sub specialty departmental meetings and teaching sessions to which all hospital staff are welcome to attend. Increasingly these meetings are available on Microsoft Teams as well as attending in person.

Whilst this is a non-training post, an educational supervisor will be allocated and appraisal meetings undertaken. We would encourage the development of a personal portfolio, which will include a personal learning plan, and information about experience gained, learning opportunities and evidence of progress. There may be opportunities to gain non-clinical experience in an area tailored to specific interests of the successful candidate, for example research and education, as well as active participation in audit.

The rotations may include the following posts

### SENIOR CLINICAL FELLOW IN PAEDIATRIC CRITICAL CARE

#### Job Purpose

This is a post designed to provide training in Paediatric Critical Care including both intensive and high dependency care. It is intended for trainees at the level of ST3 or above in paediatric medicine and could form part of the career development plan at any point in subsequent training up to CCST.

**Paediatric Critical Care Unit (PCCU)** was one of the first set up in the United Kingdom. It has recently undergone a period of expansion to develop a separate High Dependency Unit which was completed in early 2009. The Intensive Care Unit consists of 10 physical bed spaces including 3 isolation cubicles whilst the High Dependency Unit consists of 9 physical bed spaces with a double isolation cubicle. The 2 Units are adjacent to each other and bed spaces can be used interchangeably to meet patient needs. Beds on the Intensive Care Unit are used flexibly to meet the variation in need for intensive care between the winter and summer months.

The critical care floor also contains the Neonatal Surgical Unit which has space for 9 cots. Neonatal surgical babies who require a period of ventilation are cared for by the neonatal surgical nurses on the High Dependency Unit.

Sheffield Children's Hospital Paediatric Intensive Care Unit is the Lead Centre for the old region of North Trent with a catchment population of approximately 450,000 children.

Paediatric Intensive Care is multi-professional in nature and there is involvement of all appropriate medical and surgical specialities within the care of patients.

### 3. MAIN DUTIES/RESPONSIBILITIES

- Daily management of patients on PCCU. The post holder will be responsible to the duty ICU or HDU consultant during normal working hours and to the on call Intensive Care consultant outside of this time. The PCCU operates within a philosophy of shared care with the admitting team.
- Attendance at daily handover, microbiology and x-ray ward rounds.
- Immediate management of the critically ill child.
- Collection of national audit data for all admissions. Participation in local audit.

A Full shift pattern will be worked – involving 3 shifts a day (long day, short day and overnight shifts), 7 days a week.

Consultant cover is provided 24 hours per day.

#### Training

The post holder will be able to gain a wide range of experience in paediatric critical care. In addition, time may be spent in the operating theatres to gain additional experience in airway management and the use of anaesthetic agents as required. The PCCU is also supporting the development of simulation and the Trust has opened a Clinical Skills Centre which will be accessed regularly for Critical Care Training.

## SENIOR CLINICAL FELLOW IN PAEDIATRIC EMERGENCY MEDICINE

### Job Purpose

The posts would offer the opportunity to gain valuable experience in a wide range of paediatric emergency presentations and would be relevant for those seeking a career in emergency medicine or paediatrics in the future.

**The Emergency Department** provides emergency services for Sheffield children less than 16 years of age. The Department sees approximately 56,000 new patients and 5,000 follow up patients per annum.

The work of the department covers the whole range of emergency medicine problems and all grades of severity of conditions, from the most minor to the most major. Approximately 60% of the workload is trauma, and 40% medical paediatrics. In the under 2 year-olds, the proportions are 50% and 50% respectively.

Sheffield Children's hospital is a major trauma center. A paediatric emergency medicine consultant is present on the shop floor every day between 8am and midnight with a consultant non-resident on call between midnight and 8am. There are 9 x ST1-2 trainees from a combination of paediatrics and GP training schemes. In addition there is an S/CT3+ rota which provides middle grade cover for 24hrs, 7 days a week. We have ENP's working in the department and a primary care stream that is staffed by GP's in the evening and weekends.

The Emergency Department has daily consultant-led follow-up clinics as well as nurse led dressing clinics.

There is an Acute Assessment Unit (AAU) adjacent to the Emergency Department for assessment by the on-take medical and surgical teams of patients referred by their general practitioners. The unit allows investigation and observation for up to 12 hours with the aim of reducing unnecessary hospital admissions. This unit is open 24 hours per day throughout the year. The patients are the medical responsibility of the accepting team but are nursed by staff from the Emergency Department.

### Main Duties/ Responsibilities

- The successful candidates would work clinically as part of the middle grade CT3+ rota within the Emergency Department.
- Keep legible and detailed clinical records
- Maintain continued professional development.
- Attend regular educational and multidisciplinary sessions.
- Complete an audit, quality improvement project or similar.
- Supervision and teaching of junior members of the team.
- Co-operate with members of the personnel department when monitoring hours of work and other personnel issues.
- Attend induction
- Comply with all local policies including dress code, annual and study leave

## SENIOR CLINICAL FELLOW PAEDIATRICS

### Job Purpose

The post would offer the opportunity to gain valuable experience in general paediatrics in both acute and ward-based settings. This would include opportunities to work closely with paediatric subspecialties, as well as gaining out patient experience.

### Main Duties/ Responsibilities

- The assessment and management of acute admissions in the Acute Assessment Unit and Emergency Department.
- Managing medical patients on the in-patient wards.
- Supervision of ST1-3, VTS and foundation trainees.
- The postholder would undertake a 1-2 weekly general paediatric clinic under consultant supervision with the opportunity to undertake a weekly specialty clinic. There will be an opportunity to develop special interest depending on the service needs and appointee's preference.
- They would form part of a team with approximately 6 other general medical ST4+ trainees and 15 speciality ST4+ trainees. There are 14 VTS/ST1-3 trainees and 3 foundation Trainees in general medicine. An acute service consultant paediatrician is resident till 10 pm with a consultant non resident out of hours rota.

## SENIOR CLINICAL FELLOW EMBRACE

### Job Purpose

This is a post dedicated to the safe transport of infants and children across the Yorkshire and Humber region. You will be trained as a transport clinician, stabilising and safely transferring neonatal and paediatric transfers to accepting units.

Embrace was the first combined neonatal and paediatric transport service to be developed in the UK. It takes responsibility for the secondary transfer of neonates and critically ill children within the Yorkshire and Humber SHA and North Derbyshire / North Lincolnshire. Its main function is to transport patients into one of the two regional PICUs and between the Network Neonatal Units. On occasions when the clinical condition demands, or when capacity cannot be identified within the networks, the service will transport patients out-of-area. Embrace provides ground and air transport and is fully accredited by the Commission on Accreditation of Medical Transport Systems ([www.camts.org](http://www.camts.org)) for ground, rotary wing and fixed wing operations. Embrace have over 3000 referrals/year and carry out over 2100 transfers per year.

At present Level 3 neonatal intensive care is provided at Bradford Royal Infirmary, Hull Royal Infirmary, Leeds Teaching Hospitals Trust (Leeds General Infirmary) and Sheffield Teaching Hospitals NHS Foundation Trust (The Jessop Wing). Paediatric Intensive Care is provided at Leeds Teaching Hospitals Trust (Leeds General Infirmary) and Sheffield Children's NHS Foundation Trust.

19 trusts across the region are supported by the Embrace service.

Embrace is situated close to junction 37 of the M1 at Barnsley. It has garaging for 4 ambulances and 1 rapid response vehicle on site with the call centre, office accommodation and teaching facilities on the floor above. There are IT facilities to provide call conferencing and digital call recording.

The Embrace team includes 9 consultants, 6 trainee doctors, 1 lead nurse, 3 nurse educators, 7 Advanced nurse practitioners, 22 transport nurses, 13 ambulance drivers and 11 call centre / admin staff.

### Main Duties / Responsibilities

- To act as a clinician for Embrace, Yorkshire and Humber Infant and Children's Transport Service.
- To manage patient stabilisation and ensure a safe, efficient and cohesive transfer from referring centres to the accepting intensive care unit.
- To undertake both neonatal and paediatric transfers once triaged by consultant on call. To contribute to research projects within Embrace.
- To participate in the audit and clinical governance programme within the service.  
To participate in the educational programme for Embrace.

### SENIOR CLINICAL FELLOW IN NEONATAL MEDICINE (SHEFFIELD TEACHING HOSPITAL – EMPLOYER WILL CONTINUE TO BE SHEFFIELD CHILDREN'S HOSPITAL)

#### Job Purpose

This is a post designed to provide training in tertiary level Neonatal Medicine, including intensive care, high dependency, special care, deliveries and postnatal ward care.

It is intended for trainees at the level of ST4 or above in paediatric medicine and could form part of the career development plan at any point in subsequent training up to CCST.

For this post it is essential that the trainee has completed at least six months previous training in a tertiary neonatal centre in the UK with evidence to show their clinical level of attainment, in addition to current NLS provider status.

#### The Neonatal Unit

The Neonatal Unit is at the Jessop Wing, part of Sheffield Teaching Hospitals NHS Foundation Trust. This is a separate Trust and located very near to Sheffield Children's Hospital. It is a well known tertiary neonatal unit in the UK with excellent ratings in the annual GMC national training survey. It is part of the Yorkshire and Humber Neonatal Operational Delivery Network (ODN) and receives referrals for specialist neonatal medical and neonatal surgical care from all over the region and from further afield. We care for babies from 22 weeks' gestation and for babies with complex malformations.

The Jessop Wing neonatal unit is one of the largest in the country with approximately 6000 births annually, including those who have received antenatal care through the feto-medicine unit (FMU). It has 12 – 15 intensive care cots, 6 high dependency cots, 18 special care cots and 6 transitional care cots.

We are actively involved in several national research projects.

#### Main duties/responsibilities

- Daytime and out-of-hours work on a full shift middle-grade rota. Standard full-time hours are between 42 and 48 hours per week. Consultant cover is available 24 hours per day.
- Daily management of patients on ITU, HDU, SCBU, deliveries and postnatal wards, depending on the area assigned by rota. A typical day would include handover, clinical review of patients, discussion with the attending consultant, contemporaneous thorough documentation, liaison with nurses and allied health professionals including pharmacists, physiotherapists, speech and language therapists and dieticians, liaison with medical and surgical specialists, discussion with parents and handing over again.
- Common practical procedures for neonates.

- Emergency resuscitation of the newborn or critically sick baby.
- Supervision and teaching of less experienced doctors and medical students.
- Participation in clinical governance activities and research.
- Participation in our postgraduate education programme.

### Training

The post-holder will be able to gain a wide range of experience in neonatal medicine. There is a comprehensive weekly educational programme delivered by consultants, allied health professional colleagues and junior doctors, as well as an in-situ simulation programme. There are also regular clinical governance meetings. The post-holder will be supported to take an active part in the teaching programme and in clinical governance, including clinical audit and quality improvement projects. As a middle-grade doctor, the post-holder would also be expected to support, supervise and teach more junior doctor colleagues, so experience, willingness and ability in teaching and mentoring is important.

The post-holder will be expected to maintain a portfolio of their work including work-based assessments.

## 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**