

Ultrasound Fellow in Emergency Medicine

Chesterfield Royal Hospital NHS Foundation Trust



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Chesterfield Royal Hospital, located in the historic town of Chesterfield in Derbyshire, adjacent to the Peak District, is inviting applications for an Ultrasound Fellow in Emergency Medicine. This unique position combines delivering high-quality patient care with advancing both educational and clinical applications of ultrasound in our new, state-of-the-art Emergency Department.

The role is perfect for those passionate about Emergency Medicine, offering a blend of clinical duties and the opportunity to learn and apply ultrasound techniques. A provisional pattern of work across 24 weeks has been designed, which will incorporate a number of ED shifts interspersed with specific blocks for the Ultrasound commitment.

As an Ultrasound Fellow, you will be instrumental in shaping our ultrasound educational initiatives and enhancing the clinical application of ultrasound, for the benefit of students, staff and patients.

What sets this fellowship apart is the opportunity to work under the mentorship of Dr Nick Mani, a Consultant in Emergency Medicine at Chesterfield. Dr Mani is not just a leading figure in our department but also a nationally recognised authority in Emergency Medicine (EM) ultrasound practice. His extensive contributions to the Royal College of Emergency Medicine (RCEM) ultrasound syllabus have been pivotal in shaping current practices and standards. Under his guidance, you will not only advance your technical proficiency but also gain insights into the innovative aspects of EM ultrasound, ensuring you stay at the forefront of this evolving field.

Primary responsibilities of the post involve comprehensive clinical care for a diverse range of adult and paediatric patients in the Emergency Department. This includes using ultrasound for diagnostics and procedures, alongside general Emergency Medicine practices. Collaborating with a multidisciplinary team, including ED doctors, emergency nurse practitioners, and primary care clinicians, is key. Effective management of workload and resources is crucial for the department's smooth operation.

In addition to clinical work, you'll contribute significantly to the education and development of our wider clinical team through hands-on ultrasound training and guidance. This includes junior doctors, medical students, nurses, and trainee advanced clinical practitioners. Chesterfield Royal Hospital supports professional development, offering a comprehensive induction and teaching programme, with experienced consultant supervisors. The role includes a monthly senior doctor teaching day and allocated CPD time for activities such as teaching, audit, ultrasound guideline development, and service improvement projects.

We encourage flexible working arrangements and support career progression. Committed to diversity and inclusivity, we welcome applications from all backgrounds, ensuring equal opportunities in our recruitment process.



Job Description

We are excited to offer this opportunity for a Senior Clinical Fellow with a strong interest in Emergency Medicine Ultrasound. This role is ideal for those who are keen to advance their expertise in ultrasound practice within the dynamic setting of Emergency Medicine.

In this role, the successful candidate will not only engage in the high-paced environment of our Emergency Department but will also dedicate a significant portion of their time to mastering and applying advanced ultrasound techniques. This balance ensures a comprehensive, dual-faceted experience, combining clinical excellence with cutting-edge diagnostic skills. The ultrasound aspect of the role will mainly focus on the development and honing of ultrasound skills, under the guidance of our esteemed consultant Dr Nick Mani, contributing significantly to patient care and diagnostics.

We understand the importance of continuous professional development. Therefore, for candidates committing to a 12-month tenure, we are pleased to offer extensive training and hands-on experience in Emergency Medicine Ultrasound, paving the way for future leadership roles in this specialty.

Job Title	Ultrasound Fellow in Emergency Medicine
Salary	£55,329 / £63,152 per annum
Hours	40 – 42 average per week – ED shifts combined with protected time for Ultrasound role (50/50 approx)
Tenure	12 months fixed term with possible extension
Start Date	Flexible
Out of Hours	1:24 shift system
Division	Medicine and Emergency Care
Work Base	Chesterfield Royal Hospital NHSFT

Key Highlights

- Fully funded Postgraduate Certificate in Medical Ultrasound
- Combined clinical and Ultrasound practice across 24 weeks
- Flexible start date
- 12-month term (potential to extend)

Role Responsibilities

- Spearhead advancing the use of ultrasound in the department through education and by enhancement of clinical practice
- Assessment and resuscitation of the seriously ill and injured patients
- In conjunction with the multi-disciplinary team, help to deliver comprehensive diagnostic and emergency care services as part of your clinical component
- Engage in clinical governance, audits, quality improvement and your professional development
- Collaborate to ensure high-quality patient care and efficient service delivery



Key Highlights

- Brand new purpose-built facility
- Modern 6 bedded resus
- Dedicated paediatric area
- 22 Majors area bays
- Quiet area for mental health
- On site office areas and other staff facilities

Our Patients

The hospital serves a population of around 400,000 with the Emergency Department seeing over 100,000 patients every year.

Our Role

We are a designated Trauma Unit which caters for all ages of patients who are unwell through either illness or injury, offering a 24/7 service to our population.

Additional Facilities

All found within our ED are:

- Dedicated middle grade office
- Large ED simulation suite
- ED Seminar room
- Changing rooms with lockers
- Staff room with kitchen facilities

The Department

In July 2023, Chesterfield Royal Hospital unveiled its expanded Emergency Department; a state-of-the-art facility designed to elevate emergency care. This purpose-built department is equipped with the latest facilities and technology, showcasing our commitment to exceptional emergency services.

The department features a 6-bedded resuscitation room and a separate paediatric resuscitation area, underlining our dedication to all-age comprehensive care. An in-situ relatives area offers a comforting space for families during critical times.

A key focus is our paediatric emergency area with six bays, offering a child-friendly environment. The area is staffed by paediatric nurses, addressing the unique needs of our paediatric patients. The department also includes a quiet area, usually reserved for mental health patients.

Our ambulatory assessment area is well-equipped for specialised procedures, including head and neck assessments and plaster applications, enabling comprehensive care without hospital admission.

Also featured is a 6-roomed ambulance assessment area with a separate dedicated entrance. A decontamination area within this part of our department bolsters our preparedness for hazardous material exposures.

On site we have an Urgent Treatment Centre, run by GPs and Advanced Clinical Practitioners, who efficiently handle minor illnesses helping to allow the ED to concentrate on other cases.

Collaboration is integral to our approach. We maintain strong ties with various divisions, regularly referring patients to 'Same Day Emergency Care' (SDEC) services across multiple specialties and to our newly developed 'virtual wards'.



Ultrasound in the Department

At Chesterfield Royal Hospital NHS Foundation Trust, our Emergency Department is equipped with three state-of-the-art ultrasound machines, providing superior diagnostic capabilities. We are enhancing our range with portable ultrasound devices to increase our emergency care flexibility and efficiency.

The department's ultrasound practice is enriched by the expertise of our senior clinicians, particularly Dr Nick Mani, a Consultant in Emergency Medicine. Dr Mani co-chaired the RCEM Point of Care Ultrasound (POCUS) Subcommittee and was instrumental in implementing the 2021 RCEM ultrasound curriculum.

Ultrasound Education

With our emphasis on professional development, applicants committing to a 12-month tenure are offered a fully funded Postgraduate Certificate in Medical Ultrasound. Training will help bring Fellows up to and beyond RCEM entrustment scale 4 for the SLO6 component of the RCEM ultrasound syllabus, ensuring advanced ultrasound skills development.

Fellows will have dedicated training time, advancing from basic competencies to sophisticated ultrasound techniques. They also contribute to enhancing the ultrasound education of our department's students and staff, promoting a culture of collaborative learning.

Ultrasound Rota

Fifty percent of the Fellow's time is allocated to ultrasound training and practice, ensuring a focus on skill acquisition and application. The ultrasound portion of the rota is highly flexible, tailored to support a healthy work-life balance. It allows fellows to not only engage in intensive training but also to apply their skills clinically, thereby integrating advanced ultrasound techniques into their everyday practice.

Key Highlights

- Three state-of-the-art ultrasound machines dedicated to ED
- Supervised time with Dr Nick Mani who was instrumental in implementing the RCEM curriculum on ultrasound
- Funded continuing professional development including PGCert

Educational Role

Whilst a significant proportion of time will be devoted to enhancing the applicants' own skills, there will also be plenty of opportunity to pass on those skills to others though:

- Development and delivery of educational content to students and other ED staff members
- Assisting other staff members to perform diagnostic and clinical procedures with ultrasound
- Facilitation of simulation training
- Constructive feedback and assessment for learners
- Quality improvement aimed at improving ultrasound practice and usage in the department
- Professional development by continuously updating knowledge, supported by the funded PGCert



Job Requirements	Essential	Desirable
Qualifications	<ul style="list-style-type: none"> • Full GMC registration with licence to practice • Advanced Life Support (ALS) provider • Initial assessment of competence (IAC) in anaesthesia • MRCEM (or FRCEM) primary 	<ul style="list-style-type: none"> • Full MRCEM or FRCEM intermediate • APLS or EPALS • ATLS or ETC • Instructor status in an advanced life support course (ALS/APLS/EPALS/ATLS/ETC)
Experience	<ul style="list-style-type: none"> • Minimum of 4 years postgraduate experience • At least 2 years of experience in the acute specialties to include placements in EM, acute medicine, ITU and anaesthetics • At least one year experience working within the NHS 	<ul style="list-style-type: none"> • Successful completion of 3-year ACCS training • Experience of working as an EM middle grade • Experience of working in paediatric EM • EM POCUS at minimum entrustment level 3 across RCEM 2021 SLO6 syllabus
Communication Skills	<ul style="list-style-type: none"> • Ability to communicate effectively with multi-professional colleagues, patients and their relatives 	<ul style="list-style-type: none"> • Knowledge of or specific training in leadership or management
Training, Audit and Research	<ul style="list-style-type: none"> • Recent participation in service improvement • Experience of clinical supervision • Commitment to ongoing professional development 	<ul style="list-style-type: none"> • Published articles in peer-reviewed journals • Completion of courses relevant to medical education or training
Other Factors	<ul style="list-style-type: none"> • Ability to cope in pressured environments • Reliable and punctual • Organisational ability • Basic IT skills 	<ul style="list-style-type: none"> • Ability to use a wide range of teaching modalities



Emergency Medicine Clinical Staffing

Our department is recognised for its excellence in healthcare services, attributed to our team of dedicated professionals. We pride ourselves on a culture of teamwork and individual contribution, which is pivotal in delivering high-quality patient care. The current clinical staff structure comprises:

- **Consultants (16)**
- **Associate Specialists (4)**
- **Higher Specialty Trainees (4)**
- **Middle Grade Doctors (11)**
- **Junior Clinical Fellows/GP Trainees/F2 Doctors (16)**
- **Foundation Year 1 Doctors (3)**
- **Advanced Clinical Practitioners (6)**

The Wider Emergency Department Team

Our Emergency Department (ED) is supported by a strong wider team, which plays a crucial role in both day-to-day patient care and the strategic functioning of the department. The composition of this team is as follows:

- **Acute Care Unit Senior Matron (1)**
- **Emergency Department Matron (1)**
- **Senior Sister / Senior Charge Nurses (7)**
- **Sisters / Charge Nurses (23)**
- **Emergency Nurse Practitioners (ENPs) (11)**
- **Staff Nurses (83)**
- **Assistant Practitioners / Healthcare Assistants (50)**

This team structure underlines our commitment to delivering exceptional healthcare. By integrating varied roles and responsibilities, we ensure a comprehensive approach to patient care, staff development, and operational excellence in the Emergency Department.

EM Consultant Team

Dr Daniel Crook

EM Clinical Co-Lead and ED Trauma Lead

Dr David Scrafton

EM Clinical Co-Lead and Trust Trauma Lead

Dr Amir Tahvili

EM Mental Health Lead

Dr Anup Prajapati

EM Education Lead

Mr Bill Bailey

EM Consultant

Dr Claudia Simian

Urgent Treatment Lead

Dr Dave Prosser

EM Paediatric Lead and Trust Sepsis Lead

Dr Farhat Gull

EM Wellbeing Lead

Dr Hamdy Elsothy

EM Consultant

Dr Jemma Cradock

EM Quality Improvement Lead

Mr Kannan Palaniappan

EM Recruitment and Workforce Planning Lead

Dr Katherine Lendrum

EM Governance Lead

Dr Nick Mani

EM Ultrasound Lead

Mr Rashid Sohail

EM Consultant

Dr Stephen Tilson

EM/PEM Consultant

Dr Szymon Tokarczyk

EM Resuscitation Lead



Trust Executive Directors

Dr Hal Spencer

Chief Executive

Steve Hepinstall

Director of Finance

Krishna Kallianpur

Executive Chief Nurse

Mr Kevin Sargen

Medical Director

Caroline Wade

Director of Workforce and OD

Michelle Veich

Chief Operating Officer

Services at Chesterfield

Our excellent modern facilities include:

- Acute Frailty Unit
- Cardiac Catheterisation Suite
- Child Health
- Coronary Care Unit
- Ear, Nose and Throat (ENT)
- Emergency Medicine
- Emergency Management Unit
- Endoscopy Unit
- Intensive Therapy Unit
- Neonatal Unit
- Ophthalmology
- Oral and Maxillofacial Surgery
- Same Day Emergency Care (SDEC)
- Stroke Unit
- Trauma and Orthopaedics
- Urgent Treatment Centre

Chesterfield Royal Hospital NHS Foundation Trust

Chesterfield Royal is a cornerstone of healthcare in Derbyshire, serving a community of over 400,000 people. Evolving from a humble infirmary, it has become a modern medical hub, known for its wide-ranging healthcare services.

Our mission centres on delivering outstanding care with dignity, compassion, and respect for each patient. The Trust offers an extensive array of services including maternity and gynaecology, trauma and orthopaedics, general medicine, medical specialties, elderly medicine, ophthalmology, ENT, oral and maxillofacial surgery, child health, urology, general surgery, anaesthetics, critical care, and emergency medicine.

The Trust employs over 4,500 dedicated staff across various sectors, including the hospital, Primary Care, and Derbyshire Support and Facilities Services (DSFS). Additionally, we benefit from the invaluable contribution of our volunteers. Recognised by the Care Quality Commission (CQC) with a 'Good' rating in 2020, the Trust has demonstrated outstanding practices in urgent and emergency care, medical care, and surgery.

Our 'Together as One' strategy is focussed on delivering exceptional patient care by highly skilled professionals. As part of the Joined-Up Care Derbyshire Integrated Care System, we collaborate to provide efficient, effective healthcare across the region.

The Chesterfield Royal Hospital is committed to excellence in healthcare, as evidenced not only in our services but also in the trust and gratitude we receive from the communities we serve. With a forward-looking approach, we continue to dedicate ourselves to enhancing the health and well-being of every individual in our care, underlining our enduring commitment to healthcare leadership and community service.



Together as One

Our Proud to CARE values



Compassion

Treating everyone with kindness - welcoming diversity and inclusion, considering individual needs; and challenging inappropriate behaviours outside of our values.



Ambition

Aspiring to be the best - reaching high standards, providing exceptional care and services; and achieving measurable improvements in people's health and wellbeing.



Respect

Valuing and appreciating everyone - listening, learning and acting on their experiences, being open and honest; and recognising that working with others brings benefits.



Encouragement

Opportunities for all - supporting education and development, helping people to bring their improvement ideas to life and to speak-up; and getting everyone involved in our future

At the heart of **'Together as One'** are the four **'Proud to CARE'** values we have agreed with our people, patients, partners, governors, volunteers, NHS foundation Trust members - plus the many members of the public who also contributed their thoughts and ideas. Proud to CARE illustrates a real commitment to compassion, ambition, respect and encouragement - in everything we do for our patients and each other every day.



Main Conditions of Service

The Terms and Conditions of Service for this post are local and mirror most of those for doctors and dentists in training (2016) as set down nationally by NHS Employers.

Pre-employment checks, in line with NHS Employers Pre-employment checking standards (including right to work, verification of identity, disclosure and barring, references and health screening) will be carried by and to the satisfaction of the Trust prior to final confirmation of an employment offer.

Hours and Salary

All appointments will be made at base of the salary scale unless a higher increment is appropriate in accordance with provisions laid out in National Terms and Conditions of Service.

Service which candidates would like to be taken into consideration for seniority, both inside or outside of the NHS, will be reviewed as part of the appointment process, and salary will be confirmed following independent verification of the equivalence from the relevant employing authorities and organisations.

Pay progression will occur in line with national terms and conditions linked to satisfactory participation in local procedures. This will include engagement with essential training and CPD, annual appraisal and job plan reviews.

Flexible Working Opportunities

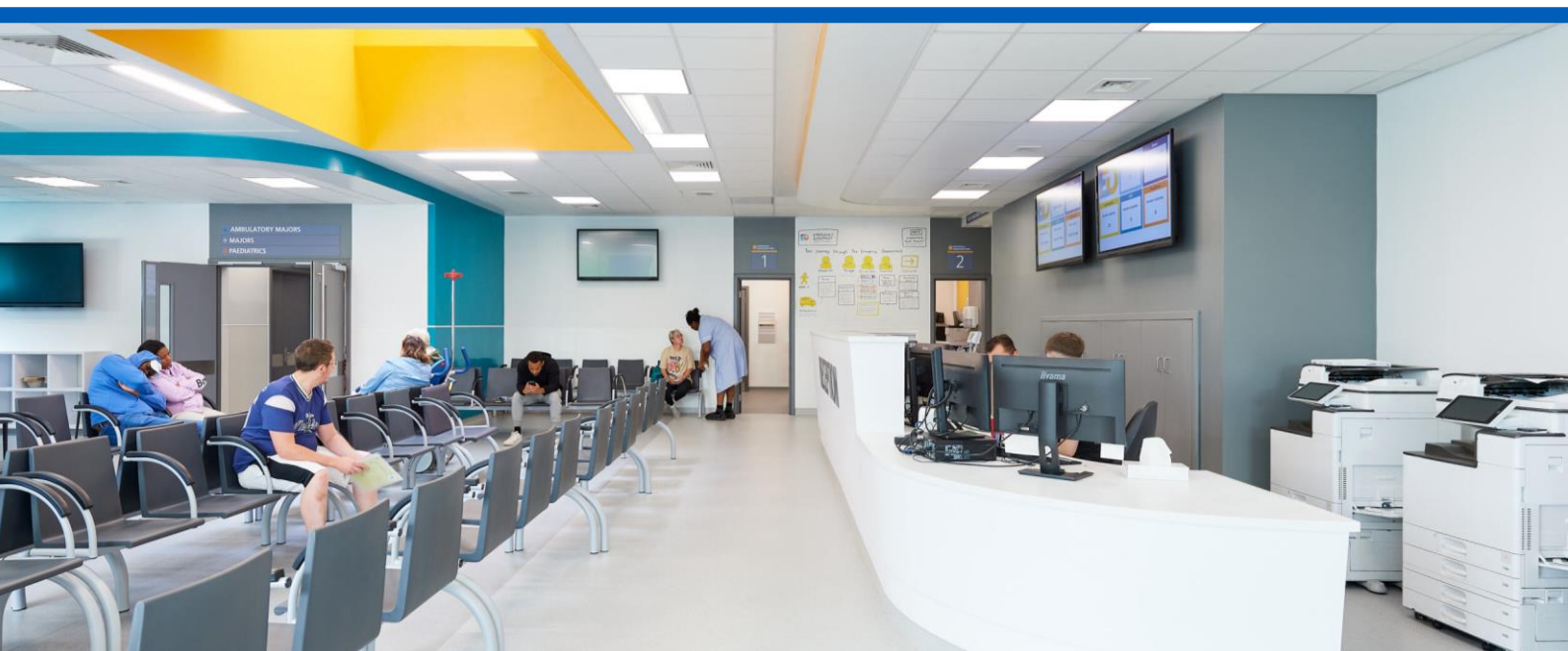
Any candidate wishing to explore the potential for a part-time role or opportunities for flexible working are invited to discuss this with the Emergency Department Clinical Leads.

Superannuation

This post is superannuable under the terms of the NHS Pension Scheme.

Registration

Full GMC registration with a licence to practise is required.



Annual Leave

Annual leave entitlement is awarded in accordance with provisions in the 2016 T&Cs for Doctors in Training. In addition, there is an entitlement to 8 days Public Holiday per annum.

An additional day of leave is granted to the above entitlement to facilitate the completion of annual mandatory training.

Personal leave years for temporary contract holders run from the date of commencement. A minimum of 6 weeks' notice of intent to take leave is required.

Study Leave

Study Leave entitlement is 10 days per year with a budget allocated which can be flexed over a fixed 3-year rolling period (pro-rata to engagement where relevant).

Minimum of 6 weeks' notice of intent to take leave is required.

Continuing Professional Development

The Trust will require the successful candidate to take part in a programme of continuing professional development including fulfilment of requirements to ensure GMC revalidation, and compliance with statutory and mandatory training.

Occupational Health

An Occupational Health service is provided on site and the Trust has developed several support initiatives to both promote and ensure the wellbeing of our staff. The Trust has also recently broken ground on £2 million Health and Wellbeing Hub, designed as a retreat, relaxation area and rejuvenating space for all colleagues at the hospital.

Notice Period

Notice requirement for this post is set at 1 month on either side.

Removal Expenses

The Trust will consider a relocation package for this post.



Contacts for Further Information

Candidates are invited to visit by direct appointment. Should you wish to arrange an appointment please contact:

Mr Kannan Palaniappan

Emergency Medicine Recruitment and Workforce Planning Lead

Emergency Medicine Consultant

Tel 01246 516650

Email: cannan.palaniappan@nhs.net

Miss Rachel Traveller

Service Manager for the Acute Care Unit

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Dr Nick Mani

Emergency Medicine Ultrasound Lead

Emergency Medicine Consultant

Tel 01246 516650

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