

JOB DESCRIPTION

Point Of Care Ultrasound Fellowship

Job Title	: Point Of Care Ultrasound Fellow
Grade	: Grade appropriate
Specialty	: Intensive Care Medicine
Average hours work per week	: 48 Hours per week
GMC requirement	: Full registration and licence to practise required

Applications are invited for a new post within the established Oxford Critical Care Echocardiography Fellowship which will provide a unique training opportunity in point-of-care ultrasound diagnostics (POCUS) in the Adult Intensive Care Unit.

Main Tasks and Responsibilities

Duties of post

This programme is aimed at senior Critical Care trainees looking to develop comprehensive practical skills and knowledge within the field of ultrasound diagnostics. Specifically, training will be provided in transthoracic cardiac echocardiography, pleural imaging and intervention, vascular access and abdominal scanning techniques with the aim of achieving independent practitioner level within 12 months. Successful candidates will complete the ICS F.I.C.E and C.U.S.I.C accreditation programmes during the one year programme.

Programme structure and applicant specification

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The programme will take place over twelve months. Appointees will have a dedicated day per week of supervised training and mentorship. The appointee will be expected to complete:

- Focused Intensive Care Echocardiography (FICE)
- Pleural imaging and diagnostics to BTS level 1 or equivalent
- Vascular Imaging & Access including PICC line, ultrasound guided peripheral & central venous cannulation to a high level of competence and scanning for DVTs
- Abdominal imaging including assessment and aspiration of ascites, imaging of renal tract and FAST assessment.

Each module is anticipated to take approximately three months to complete, with a dedicated day per week allocate to fulfil training needs. The fellowship year comprises four separate modules;

1. Training in echocardiography will consist of dedicated, directly supervised all day lists in critical care and cardiology outpatients every week, with a transition to scanning in clinical areas independently. In addition, fellows will be expected to attend weekly FICE tutorials within the Adult Intensive Care Unit and Cardiology imaging MDT meetings.
2. Training in pleural imaging will consist of supervised scanning within Critical Care and attending the Oxford Pleural Unit intervention and outpatient clinics.

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3. Appointees will develop abdominal ultrasound imaging knowledge and skills using a combination of outpatient lists and inpatients scan within the trust in collaboration with the radiology department.
4. Vascular imaging training opportunities will be provided throughout the training year within Critical Care and also in collaboration with the Trust's multidisciplinary vascular access team.

Successful candidates will be enrolled into the compulsory departmental radiology ultrasound training programme and the Oxford FICE course as part of their appointment. Fellowship trainees will be supervised in teaching novice ICM trainees to assist in developing teaching skills.

During the programme, appointees will operate on the senior tier of the Adult Intensive Care Unit/Churchill Intensive Care Unit on call rota for the Oxford ICM training programme. Candidates from any Intensive Care Medicine parent specialty are welcome to apply. It is not envisaged that the candidate will have any prior imaging experience. Both departments operate a 1:7 on call rota and applicants will be expected to possess airway competencies and resuscitation skills.

Clinical Governance

The post-holder will participate in clinical audit, clinical effectiveness, risk management, quality improvement, and any other clinical governance activities as required by the Trust, Health Authorities, and external accrediting bodies.

Personal and Professional Development

The post-holder will be required to keep himself/herself fully up-to-date with their relevant area of practice. Professional or study leave will be granted at the discretion of the Trust, in line with the prevailing Terms and Conditions of Service, to support appropriate study, postgraduate training activities, relevant CME courses and other appropriate personal development needs.

Management

The post-holder will be required to work within the Trust's management policies and procedures, both statutory and internal, accepting that the resources available to the Trust are finite and that all changes in clinical practice or workload, or developments requiring additional resources must have prior agreement with the Trust. He/she will undertake the administrative duties associated with the care of his/her patients, and the running of his/her clinical department under the direction of the Clinical Director.

Supervision

The appointee will be trained and supervised directly by Dr Graham Barker, Consultant in Intensive Care Medicine & Anaesthesia, in collaboration with the Oxford Critical Care Echocardiography Fellowship directed by Dr Claire Colebourn.

Please contact Dr Graham Barker (graham.barker@ouh.nhs.uk) for more details for further information regarding the content of the fellowship or Dr James Day (ICU staffing lead, james.day@ouh.nhs.uk) for information about the fellowship programme.

General Conditions

Risk Management

The management of risk is the responsibility of everyone and will be achieved within a progressive, honest and open environment.

Staff will be provided with the necessary education, training and support to enable them to meet this responsibility.

Staff should be familiar with the

- Major Incident Policy
- Fire Policy
- Information governance

and should make themselves familiar with the 'local response' plan and **their** role within that response.

Responsibilities for Health and Safety

The post holder is responsible for ensuring that all duties and responsibilities of this post are carried out in compliance with the Health & Safety at Work Act 1974, Statutory Regulations and Trust Policies and Procedures. This will be supported by the provision of training and specialist advice where required.

Infection Control

Infection Control is everyone's responsibility. All staff, both clinical and non-clinical, are required to adhere to the Trusts' Infection Prevention and Control Policies and make every effort to maintain high standards of infection control at all times thereby reducing the burden of Healthcare Associated Infections including MRSA.

All staff employed by OUH have the following key responsibilities:

- Staff must wash their hands or use alcohol gel on entry and exit from all clinical areas and/or between each patient contact.
- Staff members have a duty to attend mandatory infection control training provided for them by the Trust.
- Staff members who develop an infection (other than common colds and illness) that may be transmittable to patients have a duty to contact Occupational Health.

Child Protection

The post holder will endeavour at all times to uphold the rights of children and young people in accordance with the UN Convention Rights of the Child.

Safeguarding Children and Vulnerable Adults

The Trust is committed to safeguarding children and vulnerable adults throughout the organisation. As a member of the trust there is a duty to assist in protecting patients and their families from any form of harm when they are vulnerable.

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Information Governance

All staff must complete annual information governance training. If you have a Trust email account this can be completed on-line, otherwise you must attend a classroom session. For further details, go to the Information Governance intranet site.

Data Quality

Data quality is a vital element of every member of staff's job role. OUH recognises the importance of information in the provision of patient care and in reporting on its performance. Data quality is therefore crucial in ensuring complete, timely and accurate information is available in support of patient care, clinical governance, performance management, service planning, and financial and resource planning and performance.

All staff should ensure that they have read and understood the Trust's Data Quality Policy.

Indemnity

Under NHS Indemnity, the Trust will take direct responsibility for costs and damages arising from medical negligence where it (as employer) is vicariously liable for the acts and omissions of its medical and dental staff.

Where junior medical staff are involved in the care of private patients in a NHS hospital, they would normally be doing so as part of their contract. It is advisable that junior doctors who are involved in work outside his/her employment should have medical defence cover. This includes Category 2 work, i.e. reports for insurance companies, cremation fees.

All staff should ensure that they have read and understood the Trust's Data Quality Policy.