



Faculty of Radiologists and Radiation Oncologists Royal College of Surgeons in Ireland

Higher Training Programme

2024

Job Descriptions

HIGHER TRAINING POST IN PAEDIATRIC RADIOLOGY

CHILDREN'S HEALTH IRELAND (CHI) Temple Street

1 fifth year SPR position. Each post will be 6 months Crumlin, 6 months Temple Street

Hospital and Departmental Profile:

CHI at Temple Street is a busy 150 bed paediatric hospital with over 10,000 admissions and 47,000 Emergency Department visits per year. It has a wide range of tertiary paediatric specialities including the national centres for inherited metabolic disorders, paediatric epilepsy surgical evaluation, paediatric craniofacial surgery, neonatal ophthalmology and head and neck tumour surgery. It is the national centre for paediatric neurosurgery. It serves as a specialist centre for paediatric neurology, neonatology, nephrology, neonatal and paediatric surgery, orthopaedics and has the busiest paediatric emergency department in Ireland.

The radiology department does more than 48,000 examinations per year. The Radiology department, including neonatal radiology at the National Maternity and Rotunda Hospitals, has 11 paediatric radiology consultants (8 WTE) as well as a full time principal grade physicist.

Description of Post

The registrar will have an opportunity to observe, be taught and to take part in all the activities of the department including

- Plain film interpretation and fluoroscopic procedures
- Ultrasound
- Nuclear medicine
- CT scanning: A new 16cm detector GE scanner arrived 2022.
- MRI: 2 MRI scanners in Temple St as a new 3T GE MR scanner arrived in 2022. 1.5 T GE MR scanner. Foetal and Neonatal MR at NMH on 1.5T GE MR scanner
- Interventional Radiology

The registrar will attend regular multidisciplinary conferences in the hospital including a well-attended hospital Radiology Conference every Friday, and respiratory, neonatal, neuroradiology, neurooncology, nephrourology and orthopaedic conferences as well as a radiology department journal club.

The registrar will have more responsibility than the junior registrar, with more direct contact with the paediatricians, and more hands on experience in procedures. They will be expected to prepare and present at clinical conferences and take an active part in teaching radiology to paediatric trainees. They will gain some experience in management and audit and will be expected to become involved in monitoring radiation protection in the department. They will participate on the on-call roster, under close supervision of the consultants who will be jointly rostered with them.

Neonatal radiology

Registrars will accompany the consultants once a week to each of these hospitals:

National Maternity Hospital, Holles Street, Department of Neonatal Medicine

At this hospital, the registrar attends a weekly radiology review conference and a neonatal grand rounds type conference as well as doing cranial, hip and other ultrasound examinations and doing supervised reporting of neonatal radiographs. The registrar will gain experience in fetal MRI.

Rotunda Hospital, Department of Neonatal Medicine

At this hospital, the registrar attends a weekly journal club, a neonatal bedside grand round, review of interesting radiology, as well as doing cranial and other ultrasound examination. The registrar thus learns neonatal medicine as well as the role of radiology in this setting.

Radiological Research

The registrar will have dedicated research time and access to the research facilities of the Faculty of Radiologists and of the affiliated medical schools. The radiologists in the department regularly present papers at International Paediatric Radiology meetings and publish in peer reviewed journals. The radiology department of the CHI @ Temple Street has a principal grade physicist and this further enhances our research environment.

The registrar will be expected to set up and complete at least one prospective study at a level suitable for publication in a leading journal. They will be encouraged to attend and present papers at national and international radiology meetings.

For further information please contact:

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