NHS Tayside

**Locum Appointment for Training (ST4+) in Cardiology**

#### JOB DESCRIPTION

1. **INTRODUCTION**

Dundee is situated on the south bank of the River Tay estuary, Scotland's fourth city is both Scotland'ssunniest and the closest to the countryside. The redevelopment of Dundee city Waterfront  is reconnecting Dundee city centre to the river Tay. The city is poised for culture to be the catalyst for social and economic growth, with V&A Dundeeas the centrepiece.

Dundee is a compact city so getting around is easy. Ninewells Hospital is uniquely placed to provide a wide variety of housing choices from city living through suburbia to a rural idyll. There are a number of excellent schools for both primary and secondary education, all within an acceptable commuting distance.

NHS Tayside (Single Delivery Unit) comprises Ninewells Hospital & Medical School (865 beds), Perth Royal Infirmary (270 beds) and Stracathro Hospital (36 beds) which make up the teaching hospital network serving Tayside and Northeast Fife (approximate population – 450,000). Ninewells Hospital, Dundee and Perth Royal Infirmary provide the core medical and specialist services. Stracathro Hospital, Brechin has been developed as an Ambulatory and Diagnostic Centre. Tayside also has a network of community hospitals providing out-reach clinics.

This LAT post will be based in Ninewells Hospital. You will join the established Tayside Cardiology Registrar on call rota and contribute to general registrar activities including CCU and ward cover. There will be opportunities to gain exposure to cardiology procedures and it is envisaged the post will be an excellent opportunity to start on the career path in Cardiology.

1. **CARDIOLOGY SERVICE**

The Cardiology Department based at Ninewells Hospital and Medical School provides an in-patient and out-patient cardiology service for patients in Dundee and surrounding areas, Perth and Kinross, Angus and Northeast Fife. The spacious CCU has 9 monitored beds with facilities for x-ray screening and haemodynamic monitoring and dialysis. There is a 24 bedded Cardiology Ward with telemetry beds. There is a “bay area” attached to ward 1 that is being developed as a day case PCI lounge. Other non-invasive facilities for cardiac monitoring, exercise testing and pacing clinics exist within the ECG Department which is close to the CCU in Ninewells.

The service includes invasive facilities within a dedicated cardiac catheter laboratory close to the Coronary Care Unit. The full range of tools to enable complex PCI to be performed is provided out of the cath lab. It is a non-surgical centre but there are close relations with the cardiothoracic surgical centres in both Edinburgh and Aberdeen. The unit has provided diagnostic cardiac catheterisation for many years, elective and inpatient PCI since September 2007 and full 24/7 primary PCI since February 2010.

The cath lab is well equipped with IVUS, OCT, Rotablation, Shockwave, IABP, pressure wire and iFR. There is a well-established CTO service with the opportunity to contribute to this. We currently perform over 900 PCIs per year with over 300 PPCIs. There is currently a second mobile cath lab used for both pacing and extra cardiac catheterisation lists: diagnostic, follow on, simultaneous PPCI, as a backup.

The Cardiologists provide 24-hour cover for the Ninewells and Perth Royal Infirmary CCU and the Cardiology Ward along with a daily Cardiology in-reach service to the Acute Medical Unit (supported by specialist nurses) to assess and risk stratify referred patients with acute Cardiological problems who have been admitted to the Acute Medical Admissions Unit.

The department also currently provides the permanent pacemaker implantation service for Tayside and Northeast Fife including over 300 pacemaker and device procedures (including ICD and CRT) per annum and follow up of the full range of cardiac implantable devices.

In Perth Royal Infirmary the ECG Department provides exercise testing, cardiac monitoring, device follow-up, along with transthoracic and transoesophageal echocardiography. A new region wide echo archiving system has recently been installed. The PRI Coronary Care Unit is a well-equipped 4 bedded area with an adjacent HDU facility and is staffed by a group of experienced and enthusiastic CCU nurses.

1. **THE POST**
2. **Job Title:** Clinical Fellow (ST3 level equivalent) Cardiology
3. **Relationship:**

NHS Consultants Areas covered Specialist Cardiology Interest

##### Dr N Anglim Ninewells/Angus Intervention

##### Dr M Gorecka Ninewells/PRI Imaging

##### Dr P Currie PRI/Ninewells Intervention /TOE

##### Dr D Elder PRI /Ninewells Pacing, Devices, Electrophysiology

Dr M Elhanan Ninewells Intervention

Dr S Hutcheon Ninewells/Angus Intervention

Dr J Irving Ninewells/Angus Intervention

Dr T Martin Ninewells Intervention / MRI

Dr A Robertson Ninewells/PRI Pacing, Devices, Electrophysiology

Dr J Sim Ninewells Pacing

###### Dr B Szwejkowski Ninewells Pacing, Devices, Heart Failure, TOE

###### University

Professor C Lang University/Ninewells Heart Failure

Dr A Choy University/Ninewells Pacing

Dr I Mordi University/Ninewells Heart Failure/imaging

Associate Specialist

Dr Y Fogarty Ninewells Imaging

Supporting Medical Staff

Specialist Registrars 5.0 WTE Ninewells

Staff Grades 1.0 WTE PRI RACPC/Echo/Nuclear

Head of Nursing

Christine Freel

1. **DUTIES OF THE POST**

The person appointed will be expected to have had some experience in cardiology as a junior doctor. This post is an excellent opportunity to contribute to a busy cardiology department and gain excellent experience in the early years of cardiology training. There will opportunities to learn echocardiography and exposure to the cath lab and pacing.

The successful candidate will be expected to contribute to the cardiology registrar rota (currently 1:7 non-resident on call) and work closely with the other cardiology registrars to provide efficient use of resources and continuous clinical care. Currently daytime CCU cover is a ‘registrar of the week’ model, with a 1:5 intensity.

The main duties will consist of:

* Take part in daytime CCU cover at registrar level.
* Contribute to out of hours registrar rota.
* Weekly outpatient clinics including Rapid Access Chest pain Clinic.
* Ward cover.
* Training in echocardiography and exposure to cath lab and pacing.

5. **TEACHING**

Dundee University has an internationally acclaimed undergraduate cardiovascular course. The successful candidate will be encouraged to participate in the undergraduate ward teaching.

6. **RESEARCH**

There are well-established and mutually beneficial links with the University Departments of Medicine and Clinical Pharmacology. The Dundee University Tayside Institute for Cardiovascular Research (TICR) has established itself as a centre of excellence for cardiovascular research, ranging from vascular biological work through to multi-centred clinical trials. There are extensive facilities in the basic sciences, tissue banking, clinical imaging and clinical trials units.

The basic science capabilities are supported both through the College of Life Sciences (Wellcome Trust Centre), the Institute of Medicine Science and Technology (IMSaT) which provides engineering development of cardiovascular devices, and the Translational Medical Research Initiative (TMRI), as well as TICR vascular biology laboratories.

7. **MANAGEMENT STRUCTURE**

There are 2 clinical divisions within Medicine in NHS Tayside. Cardiology is grouped with Planned Care Group. There is a Clinical Lead for Cardiology and a Clinical Director for Planned Care.

9. **ARRANGEMENTS FOR VISIT**

Arrangements for visiting the hospital may be made by contacting Dr Ben Szwejkowski, Clinical Lead on 01382 740585 (Secretary) or Dr Neil Anglim, Training Programme Director for Cardiology 01382 740585 (Secretary).