

## Job Description

Job Information		
<b>Job Title:</b>	Consultant Cardiologist	
<b>Directorate / Service:</b>	Cardiology	
<b>AfC Band:</b>	Consultant	
<b>Professionally Accountable to:</b>	Clinical Director	
<b>Responsible to:</b>	Clinical Director	
<b>Base Location:</b>	Aintree Hospital	
<b>Job Code:</b>		
<b>ESR Position Number:</b>		

Job Summary
<p>Liverpool University Hospitals NHS Foundation Trust wishes to appoint a Consultant Cardiologist (Full time 10PA) with an interest in Advanced Echocardiography (stress echo and TOE), cardiac CT and Heart Failure. The successful applicant will play a key role in expanding the Cardiology services from across the Trust.</p> <p>The successful applicant will join the team of 10 Cardiologists at Aintree Hospital delivering a comprehensive Cardiology service for patients from across the Trust.</p> <p>The Aintree Hospital Site services a population of approximately one third of a million from North Liverpool, Sefton Borough and Kirkby. All in patient and out-patient services are provided from this site, which is located in Fazakerley.</p> <p>Applicants are required to be fully registered with the General Medical Council, with licence to practice and are required to hold membership of the Royal College of Physicians UK (or equivalent). They should be listed on the Specialist Register for Cardiology or be due to be registered within six months of the date of appointment.</p> <p>The Aintree Hospital site serves a population of approximately one third of a million from North Liverpool, Sefton Borough and Kirkby. All in-patient services and out-patient services are provided from the Aintree Hospital site, which is located in Fazakerley. The services from Walton Hospital site moved to a new £30 million Elective Care Centre at the Aintree Hospital site at the end of 2010.</p> <p>The appointee will be based at the Cardiology Department at Aintree Hospital, sessions may take place across the Trust. Duties will be undertaken in conjunction with the other Consultant Cardiologists.</p>

Aintree Hospital site is a large hospital providing Accident & Emergency services and a wide range of acute and non-acute specialties, in addition to outpatient and day surgery services.

The University of Liverpool School Of Clinical Sciences has a major presence at Aintree, including Metabolic Medicine, Surgery, Oncology, Head & Neck, Endocrinology/Weight Management, Respiratory Medicine and Rheumatology. The Trust is a recognised centre for multidisciplinary health research and enjoys strong relationships with the University of Liverpool, Edge Hill University, Liverpool John Moores University and other NHS Trusts. The Trust is a core member of Liverpool Health Partners, the Cheshire & Merseyside Academic Health Sciences System.

Aintree Hospital site is in the Cheshire and Merseyside Major Trauma Collaborative, and a link bridge has been created to the adjacent Walton Centre to support the swift transfer of patients with head and spinal injuries. A £20 million programme has begun to create state-of-the-art Urgent Care and Trauma facilities. Aintree has invested £100 million in the site since being accredited as a Foundation Trust in 2006, including creating the Elective Care Centre to support the transfer of day surgery and outpatients from the former Walton Hospital.

The Aintree Hospital site is increasingly working closely with other NHS organisations and GPs, and in partnership, provides a range of services including the regional weight management and community alcohol management services.

General Medicine and Medical sub-specialties are provided across the hospital.

The appointee will be a member of the Medical Division. The appointee will be a member of the Aintree Cardiology Department which sits in the Cardiology and Respiratory Care Group.

#### Aintree Cardiac Centre

The Cardiology Directorate comprises a 14 bed monitored Acute Cardiac Care Unit (ACCU), and a 36 bed Cardiology ward.

A comprehensive cardiac imaging service is provided. Transthoracic (advanced and 3D) and transoesophageal echocardiography are provided and we have a large stress echocardiography (both pharmacological and exercise) programme. Cardiac CT and Cardiac MR are all provided in collaboration with Consultant Radiologists. A cardiac imaging specialist nurse supports the stress echocardiography service in conjunction with the imaging consultants.

There is a dedicated Cardiac Catheterisation Laboratory with an integral 10 bed Day Ward (Cardiac day care unit). Coronary angiography, permanent pacemaker implantation and loop recorder implantation are carried out predominantly as day case procedures. The Ambulatory heart failure service is also delivered from the cardiac day care unit.

Cardiology facilities include a fully comprehensive range of diagnostic facilities; a large Hospital based Cardiac Rehabilitation Service with a Community Rehabilitation Programme, a pacemaker follow-up service and a wide-ranging Cardiology Out-patient Service.

The Directorate has a large team of Cardiac Nurse Specialists (in Heart Failure, Cardiac Rehabilitation, Cardiac Research, Atrial Fibrillation and Cardiac Catheterisation) and Advance Nurse Practitioners.

#### Heart Failure and Atrial Fibrillation services

In addition to a rapid access one stop heart failure clinic, the ambulatory heart failure service is an innovative service for patients with exacerbations of heart failure. The service is supported by 4 Heart Failure Nurse Specialists and 4 Heart Failure Consultants who see between 650-700 in-

patients per year and also provide out-patient services. There are well established links with LHCH for provision of complex device implantation and community heart failure nursing teams.

A community coaching clinic to assess patients and provide advice and education to primary care is now in existence in South Sefton.

The Heart Failure Virtual Ward has been set up recently to support admission avoidance and facilitate early discharge from the acute inpatient areas. This service has a daily MDT and collaborates with community heart failure services.

There is already a well-established ambulatory Atrial Fibrillation service for 6 years. Aintree University Hospital is the pioneer in setting up the ambulatory Atrial fibrillation and Heart failure services. The AF nurses work very closely with the heart failure nurses.

Specialist Nurse supervised DCCV is also carried out in the theatres.

We also a multi-disciplinary team meeting amongst the Heart failure team on the Aintree University Hospital and from the Liverpool Heart and Chest Hospital. Aintree Endocrinologists, Nephrologists, Pharmacists, Geriatricians and community HF nurses on a monthly basis

#### Cardiac Imaging

The Directorate has a well-established and comprehensive echocardiography service encompassing all aspects of echocardiography. Transthoracic (advanced, tissue doppler and 3D) and transoesophageal echocardiography are provided and we have a large stress echocardiography (both pharmacological and exercise) programme.

We have 5 echocardiography machines and four hand-held. Images are stored on a Philips Xcelera digital archive (with web based remote access). We perform approximately 14,000 transthoracic studies, 200 transoesophageal scans and more than 1000 stress studies. The stress echocardiography service is supported by a cardiac imaging specialist nurse.

Cardiac CT, in conjunction with Radiology, is an established service with more than 1,800 scans provided per year. Cardiac MRI is also delivered, in conjunction with radiology, with an updated Philips 1.5 Tesla MRI and Circle software.

The Cardiac Catheterisation Laboratory delivers approximately 500 coronary angiograms and 250 permanent pacemaker implantations per year. A seated area as well as a monitored bed area have been incorporated into the day case area attached to the Cath lab.

#### Cardiac Laboratory

The Department has a fully equipped non-invasive Cardiac Laboratory. Currently available facilities within the Cardiac laboratory include:

1. Electrocardiography
2. Computerised treadmill Exercise testing
3. Ambulatory Electrocardiography
4. Remote Cardiac Arrhythmia Event recording.
5. High Resolution Signal Averaged ECG recording
6. Echocardiography with advance modalities and Trans-Oesophageal Echocardiography
7. Stress Echocardiography, Tissue Doppler Imaging and Contrast Echocardiography

8. Ambulatory Blood Pressure Monitoring
9. Tilt Table Testing and Cardiac Autonomic Function Testing.
10. Temporary Cardiac Pacing and Invasive Haemodynamic Laboratory
11. Permanent Pacemaker Implantation and follow-up with Physiologist led clinics.
12. Provocation testing for cardiac arrhythmias as part of screening for sudden cardiac death

#### In-patient services

In-patient services are provided between a 14 bed ACCU and a 36 bed Cardiology ward (ward 8). The Acute Cardiac Care Unit has a fully invasive modular monitoring system. The Unit is run by the Consultant Cardiologists (1 in 9 rota, total of 6 weeks per year) who provide twice daily ward rounds with junior Medical staff support.

The ward eight is covered on a week rotational basis by 1 Consultant. Each day on the ward, there will be an expectation of a 'board round' and physical review of new admissions and a share list with a middle grade doctor and junior medical staff.

#### Out-Patient Service

A specialist Consultant Cardiology Out-patient Service is provided for the diagnosis, assessment, treatment and follow-up of the full range of adult cardiac diseases. Consultant clinic sees 8 new patients or 10-12 follow ups per clinic. The number of clinics per consultant is based on the individual annualised job plan taking into account other clinical activities and can be variable when on the ward or off the ward

There are Rapid Access Chest Pain Clinics on a daily basis with appropriate patients being identified for further invasive investigations. A one stop heart failure clinic is established.

The Heart Failure and Atrial Fibrillation Nurse Specialists carry out nurse-led follow-up clinics.

An open access service is provided to local General Practitioners for electrocardiography (hospital and community based), transthoracic echocardiography and event monitoring.

#### Invasive Cardiac Intervention and Cardiac Surgery

Coronary intervention, electrophysiological testing, complex cardiac device implantation and cardiac surgery are performed at the Liverpool Heart & Chest Hospital. There are facilities for cardiac transplantation at University Hospital of South Manchester.

#### Cardiology Research and Development

The department has a long-established track record of clinical cardiology research. The department supports two Cardiology Research Registrar and a Research Nurse and is involved in multi-centre research studies.

#### Staffing

Consultant – Aintree University Hospital

Dr Charalampos Papadopoulos      Consultant Cardiologist, Clinical Director

Dr Homerya Douglas   Consultant Cardiologist

Dr Emeka Oguguo      Consultant Cardiologist

Dr Malcolm Burgess   Consultant Cardiologist

Dr Som Chuah          Consultant Cardiologist

Dr Aleem Khand        Consultant Cardiologist (Joint appt    with LHCH)

Dr Arun Ranjit   Consultant Cardiologist

Dr Prathap Kanagala   Consultant Cardiologist,

Dr Rajiv Sankaranarayanan      Consultant Cardiologist

Dr Shahdat Hussain      Consultant Cardiologist

#### Junior Staff

3 Cardiology Specialist Registrars

4 Full Time Clinical Fellows in Cardiology

1 Less than Full Time Clinical Fellow in Cardiology

8 Cardiology CMT/GPVTs/F2 trainees 1-2 FY1 trainees

5 Advance Nurse Practitioners (ANPs)

#### Nursing Staff

Jacqueline Lyons-Killey, Associate Director of Nursing. Mr Mark Holt, Cardiology Matron,

Sr J Lackey, Ward Nurse Manager, Acute Cardiac Care Unit

Sr V Jolly, Ward Nurse Manager, Cardiology ward

Sr S Jophy Clinical Nurse Leader, Catheter Laboratory

3 Specialist Nurses: Cardiac Rehabilitation

4 Specialist Nurses: Heart Failure

3 Specialist Nurses: Atrial Fibrillation

1 Specialist Nurse: Imaging and stress Echocardiography

2 Research Nurses

#### Clerical Staffing

Mrs Christine Napier, Clinical Officer Manager supported by a team of 14 secretaries and 5 clerks

## Management

Services operate under Dr Charalampos Papadopoulos, Clinical Director Cardiology and Harriet Franks is the Head of Operations.

### 1. Office accommodation

The appointee will have appropriate office accommodation, secretarial support and IT provision.

## **Key responsibilities**

### The Job Plan

The appointee, together with their colleagues at the Aintree site will have a commitment to the provision of cardiology services. The appointee is responsible for the continued development and expansion of their sub speciality interest and will be expected to work closely with the rest of the Consultants.

The successful candidate will undertake stress echo cardiography/TOE and CT coronary angiography sessions. They will also be expected to participate in the delivery of Heart Failure services, including the Heart Failure Virtual Ward.

In addition, other duties will include administration, attendance at meetings and continuing professional development. It is expected that the appointee will participate in the on call rota for Cardiology.

The job plan is annualised and is based on a 10 PA job plan with 2 supporting PAs. An indicative timetable of sessions is attached.

There are 1.5 SPAs identified in the job plan. The educational supervisor role attracts further SPAs (0.25 SPA per trainee to a maximum of 0.5 SPA). A level 2 training is provided and supported to allow candidate to become an educational/clinical supervisor. Additional SPA may be negotiated as the post holder becomes established and develops agreed trust objectives. Clinical sessions may need to be reduced to support the discretionary SPA. The job plan will be reviewed at 6 months after appointment and annually thereafter, and the SPA allocation in particular will be reviewed and increased as necessary.

On call weeks (6 weeks/year), also includes 1 PA as SPA

		HOSPITAL/LOCATION	TYPE OF WORK
MONDAY	AM	Aintree	ACCU ward round + PTWR in ED round
	PM	Aintree	ACCU ward round + PTWR in ED round
TUESDAY	AM	Aintree	ACCU ward round + PTWR in ED round
	PM	Aintree	ACCU ward round + PTWR in ED round

<b>WEDNESDAY</b>	<b>AM</b>	Aintree	ACCU ward round + PTWR in ED round
	<b>PM</b>	Aintree	ACCU ward round + PTWR in ED round
<b>THURSDAY</b>	<b>AM</b>	Aintree	ACCU ward round + PTWR in ED round
	<b>PM</b>	Aintree	ACCU ward round + PTWR in ED round
<b>FRIDAY</b>	<b>AM</b>	Aintree	ACCU ward round + PTWR in ED round
	<b>PM</b>	Aintree	ACCU ward round + PTWR in ED round

**On ward weeks (6 weeks/year)**

		<b>HOSPITAL/LOCATION</b>	<b>TYPE OF WORK</b>
<b>MONDAY</b>	<b>AM</b>	Aintree	Ward round Advice and Guidance (A&G)
	<b>PM</b>	Aintree	Ward round A&G
<b>TUESDAY</b>	<b>AM</b>	Aintree	Ward round A&G
	<b>PM</b>	Aintree	Ward round A&G
<b>WEDNESDAY</b>	<b>AM</b>	Aintree	Ward round A&G
	<b>PM</b>	Aintree	Ward round A&G
<b>THURSDAY</b>	<b>AM</b>	Aintree	Ward round A&G
	<b>PM</b>	Aintree	Ward round A&G
<b>FRIDAY</b>	<b>AM</b>	Aintree	Ward round A&G
	<b>PM</b>	Aintree	Ward round A&G

**Off ward weeks (30 weeks/year)**

		<b>HOSPITAL/LOCATION</b>	<b>TYPE OF WORK</b>
<b>MONDAY</b>	<b>AM</b>	Aintree	Admin
	<b>PM</b>	Aintree	OPD Clinic

<b>TUESDAY</b>	<b>AM</b>	Aintree	<b>SPA</b>
	<b>PM</b>	Aintree	Specialty session
<b>WEDNESDAY</b>	<b>AM</b>	Aintree	<b>RAS Triage</b>
	<b>PM</b>	Aintree	Specialty session
<b>THURSDAY</b>	<b>AM</b>	Aintree	OPD Clinic
	<b>PM</b>	Aintree	Research / Audit
<b>FRIDAY</b>	<b>AM</b>	Aintree	MDT
	<b>PM</b>	Aintree	Educational supervision

#### On Call commitments

The current rota runs at 1 in 9 for ACCU with out of hours cover on a weekly basis (6 weeks a year). At the weekend, the Consultant will carry out the ACCU (one ward round) and post-take ward rounds on ward 8. The total number of patients seen daily and at the weekends can be variable (14- 22 patients).

#### **Clinical Governance / Quality**

All medical staff are expected to participate in Medical Audit. Regular audit meetings are organised in the department, and the appointee will be expected to participate. There is a formal rota for Consultant participation.

Fully informed and documented consent will be undertaken for procedures and body tissue samples.

#### **Education and training development**

Aintree Hospital has a strong commitment to and an excellent reputation for teaching and research, providing facilities for Undergraduate and Postgraduate clinical teaching and research for the University of Liverpool, with which there is a close relationship. Liverpool University Hospital NHS Foundation Trust makes a major contribution to the teaching and training of medical students and postgraduate doctors.

#### Teaching & Training

Medical students from the University of Liverpool are an integral part of the Directorate and there will be a requirement to participate in their teaching programmes. The Directorate hold regular multidisciplinary teaching sessions (cardiac catheterisation/imaging, echocardiography, journal club and general cardiology meeting) and participation in these meetings will be expected.

The appointee will be expected to act as both a clinical and educational supervisor for medical staff.

#### Continuing Professional Development

There will be a requirement to fulfill RCP requirements for CPD.



### Appraisal and Job Planning

Annual appraisal and job planning will be required.

### Mentorship

The appointee will have a named Consultant mentor to provide support.

## **Equality and Diversity**

It is the responsibility of every member of staff to understand our equality and diversity commitments and statutory obligations under current equality legislation (the Equality Act 2010) and to:

Act in ways that support equality and diversity and recognises the importance of people's rights in accordance with legislation, policies, procedures and good practice;

Valuing people as individuals and treating everyone with dignity and respect, consideration and without prejudice, respecting diversity and recognising peoples expressed beliefs, preferences and choices in working with others and delivering appropriate services;

- Recognise and report behaviour that undermines equality under Trust policy.
- Be consciously aware of own behaviour and encourage the same levels of behaviour in colleagues.
- Acknowledge others' different perspectives and recognise the diverse needs and experiences of everyone they come into contact with.
- With the support of managers develop an equality and diversity objective through the personal development review process.

## **Values and Behaviours**

### **We are Caring**

We are kind to each other and always show compassion to ourselves and others.

We know we are doing this when:

- We are always **kind** and **compassionate** to ourselves, our patients, families and colleagues;
- We **recognise** and **appreciate** each other, taking pride in working here and our contribution to success;
- We are **professional** and always seek to deliver the best standards of care.

### **We are Fair**

We treat people equitably and value their differences.

We know we are doing this when:

- We value **everyone** for their unique contribution and we embrace diversity;

- We are confident in **speaking up** and we support all our colleagues to do the same;
- We are **open and honest**.

### **We Are Innovative**

We work as a team to continuously improve the way we deliver and transform health care.

We know we are doing this when:

- We **continuously improve** the services we deliver and pioneer new ways of doing things;
- We **learn from mistakes**, striving to ensure we get things right first time;
- We **create and share knowledge** with each other, patients and our professional communities.

### **Infection Prevention & Control**

All staff will adhere to infection control policies and procedures at all times and carry out role specific duties as per roles and responsibilities.

### **Confidentiality**

Confidentiality/Data Protection regarding all personal information and Trust activity must be maintained at all times (both in and out of working hours). All staff should ensure that they are familiar with and adhere to all Trust privacy, confidentiality and security policies and procedures. Any breach of confidentiality will be taken seriously and appropriate disciplinary action taken.

### **Freedom of Information**

In accordance with Freedom of Information and other associated legislation, the Trust may be required to make public recorded information available upon a request, or do this as part of a publication scheme. Please note, that in your public role, your name or job role may be contained in a document that is published in accordance with such legislation.

### **Management of Risk & Health and Safety**

All employees have a duty to take reasonable care to avoid injury to themselves or to others and to co-operate with the Trust in meeting its statutory requirements.  
All employees will proactively contribute to the management of risk by identifying hazards in the workplace which have the potential to cause harm, raising issues of concern and risk to the appropriate level.

### **Safeguarding Children and Vulnerable Adults**

All trust employees are required to act in such a way that at all times safeguards the health and

wellbeing of children and vulnerable adults. Familiarisation with and adherence to trust Safeguarding policies is an essential requirement of all employees, as is participation in related mandatory/statutory training.

#### **IT Skills**

All staff are expected to have or to gain a minimum of basic level IT skills to enable them to use the Trust IT systems to support Trust services and needs. All staff should be familiar with relevant IT systems and security policies and procedures.

#### **Records Management**

All staff are personally responsible for record keeping. A record is anything that contains information in any medium e.g. paper, tapes, computer information, etc. which have been created or gathered as a result of any NHS activity. All individuals within the Trust are responsible for any records they create or use. Please ensure that records are retained in accordance with the Records Management Policy and are stored in a manner that allows them to be easily located in the event of a Freedom of Information (FOI) request.

#### **Information Quality**

All staff must ensure complete and accurate data is collected to the highest standard at all times. Data collection should be supported by adequate documentation and processes should be regularly reviewed. Staff should ensure that processes conform to national standards and are fit for purpose. All staff should comply with the Information Quality Policy.

#### **Professional Responsibility**

As per any required registration & LUHFT policy.

#### **Research**

The Directorate has an active programme of research and participation in research will be encouraged and supported.

#### **Strategic role**

The appointee will be expected to take part in appropriate service development.

<b>Change of Job Description</b>
<p>The duties outlined above are not intended to be exhaustive and may change as the needs of the department alter in line with current agendas. This job description will be subject to periodic review and amendment in accordance with the needs of the Trust.</p>

## Person Specification

<b>Job Title:</b>	Consultant Cardiologist		
<b>Band</b>	Consultant – Medical	<b>Job Code:</b>	

Person Specification				
	Qualifications	Essential	Desirable	Assessment
1	MRCP or equivalent	Y		
2	Full registration with GMC	Y		
3	Entry on the GMC Specialist Register via <ul style="list-style-type: none"> <li>- CCT (proposed CCT date must be within 6 months)</li> <li>- CESR or</li> <li>- European Community Rights</li> </ul>	Y		
4	Higher research degree or in the process of obtaining a higher research degree		Y	
5	Signed off for sub speciality interest	Y		
	Experience	Essential	Desirable	Assessment
5	Wide experience in elective and emergency Cardiology in the UK up to the standard expected of CCT.	Y		
6	Evidence of practice at consultant or sub-consultant, senior SpR level for a reasonable period of time.	Y		
7	Previous Fellowships or extended training		Y	
	Skills	Essential	Desirable	Assessment

8	Excellent communication skills	Y		
9	Excellent interpersonal skills	Y		
10	Organisational skills		Y	
11	Teaching experience		Y	
12	Leadership and service development		Y	
13	Relevant experience in NHS organisation and undertaking audit		Y	
14	Expertise in sub speciality field	Y		
	<b>Other</b>	<b>Essential</b>	<b>Desirable</b>	<b>Assessment</b>
15	Research and publications relevant to post	Y		
16	Presentations at National and International Meetings		Y	
17	Ability to lead and teach, relate to patients, relatives and other hospital staff and work as part of a team	Y		
18	A team player, able to flex to meet the needs of an expanding, improving department.	Y		