



THE HERMITAGE MEDICAL CLINIC  
**CARDIOLOGY SERVICES AND DIRECTORY  
OF CONSULTANT CARDIOLOGISTS**

## HERMITAGE MEDICAL CLINIC CARDIOLOGY SERVICES

Hermitage Cardiology offers a comprehensive range of services starting with risk assessment in the young and in adults and progressing to the investigation and management of all forms of heart disease, backed up by state of the art investigative and interventional facilities which are delivered by consultant cardiologists including:

- Specialist Cardiology Consultations
- Rapid Access Chest Pain Service
- Diagnostic coronary angiography
- Access to Cardiac Surgery if needed
- Angioplasty & Stenting
- Cardiac Diagnostic Services – Holter, 24 hour BP, exercise stress testing
- Cardiac Imaging – Echocardiography including 3D, Trans-oesophageal echocardiography
- Advanced Cardiac Imaging – Calcium score, Cardiac computed tomography angiography (CCTA) and Cardiac MRI (CMR) with/without stress perfusion
- Advanced adjuncts to angioplasty & stenting: FFR, IVUS and OCT
- Cardiovascular risk assessment and management
- Adult congenital heart disease
- Cardiovascular risk in the young, including assessment of athletes,
- Risk of sudden death and inherited disorders
- Hyperlipidaemia investigation and management
- Electrophysiology (EP) Study & Radiofrequency (RF) Ablation
- Pacemaker, Implantable Cardioverter Defibrillator (ICD) & Biventricular ICD
- Cardioversion



### **RAPID ACCESS CHEST PAIN SERVICE**

Since 2013, there has been an open-access Chest Pain Service that can allow a patient with stable chest pain to be seen, assessed and investigated with an exercise stress test followed by a review with decision by the oncall consultant Cardiologist. Patients are often seen within the same day of the call, and never more than

72 hours. Acute chest pains with suspicion of acute coronary syndromes, quite rightly, are dealt with in the usual way by the Emergency Department.

Those requiring invasive diagnostic and interventional cardiac procedures may be facilitated by the Cardiac Catheterisation Laboratory (Cath Lab). The Cath Lab is the fulcrum of the cardiology service here at the Hermitage as with modern cardiology departments everywhere. The Hermitage Cath Lab has a highly skilled and experienced team of nurses, technicians and radiographers supporting the cardiologists in performing coronary angiograms, angioplasties, pacemakers and other procedures.

## CARDIAC IMAGING TECHNIQUES

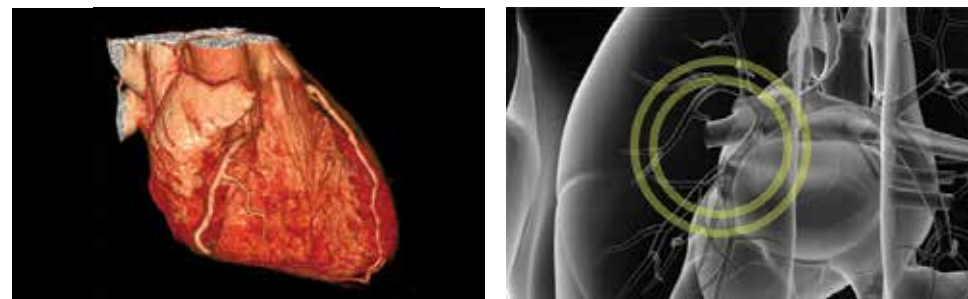


The Cardiology Department at the Hermitage Medical Clinic offers a range of advanced non-invasive modern cardiac imaging modalities, ranging from CT coronary calcium scoring, CT coronary angiography to cardiac MRI with and without stress perfusion.

Cardiac MRI or its recommended term, cardiovascular magnetic resonance (CMR) has emerged as a specialised and powerful diagnostic test for cardiac diseases of the myocardium once the technical pitfalls of imaging a moving organ has been overcome. CMR is unique in its ability to image in multiple planes with excellent temporal and spatial resolution and has several advantages over other cardiac imaging techniques without the use of iodinated contrast agents and without the ionising radiation. It offers superb image clarity and tissue characterisation using different MRI techniques and sequences. This has revolutionised the assessment of the RV as well as the diagnoses of RV cardiomyopathies which are difficult in traditional echocardiography. In addition, CMR is extremely helpful in evaluating cardiac texture in patients with inherited or previously undefined cardiomyopathies to aid in phenotyping.

## CALCIUM SCORE SCAN

Coronary calcium scans use a special X-ray test called computed tomography CT to check for the buildup of calcium in plaque on the walls of the arteries of the heart. This test is used to



check for heart disease in an early stage and to determine how severe it is. Coronary calcium scans are also called cardiac calcium scoring. The procedure takes about 10 – 15 minutes but patients may expect to be in the department for approximately 30 minutes in total.

The images are reported on by a Consultant Cardiologist and the scan report will be sent directly to the referring Doctor.

This cardiac CT scan is available to outpatients with a GP or consultant referral.

## CARDIAC CT

This scan gives detailed images of the heart and coronary arteries using an intravenous contrast injection. It also includes a calcium score scan. A cardiac CT scan for coronary calcium is a non-invasive way of obtaining information about the presence, location and extent of calcified plaque in the coronary arteries—the vessels that supply oxygen-containing blood to the heart muscle. Calcified plaque results when there is a build-up of fat and other substances under the inner layer of the artery. This material can calcify which signals the presence of atherosclerosis, a disease of the vessel wall, also called coronary artery disease. People with this disease have an increased risk for heart attacks. In addition, over time, progression of plaque build up (CAD) can narrow the arteries or even close off blood flow to the heart. The result may be chest pain, sometimes called “angina,” or a heart attack.

The procedure takes approximately two and a half hours in total from start to finish. Following the scan, a Consultant Radiologist and a Consultant Cardiologist will analyze the images produced and their report will go directly to the referring doctor.

This scan is available to outpatients with a GP or consultant referral.

## TREATMENT OF HEART RHYTHM

One of the leading diagnostic method of heart disturbances and cardiac arrhythmia, EP study, is also performed in the Hermitage. Ablation is also carried out for patients with tachycardia or rapid heartbeats such as a supraventricular tachycardia (SVT).



**DR. JOHN CLARKE**  
 M.D. Ph.D. F.R.C.P.I  
 Consultant Cardiologist

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**PROFESSIONAL PROFILE**

Dr. Clarke qualified from University College Dublin in 1980. He trained in cardiology initially at the Mater Hospital. He then moved to the Royal Postgraduate Medical School at the Hammersmith Hospital where he completed both his MD and PhD theses. This was followed by a postdoctoral fellowship at Stanford University in California. Dr. Clarke returned to Ireland in 1993 when he founded his practice.

**SPECIAL CLINICAL & RESEARCH INTERESTS**

- Ischaemic Heart Disease
- Hypertension
- Hyperlipidemia

**CURRENT APPOINTMENTS**

- Hermitage Medical Clinic



**DR JONATHAN LYNE**  
 M.B B.Ch. M.R.C.P. B.Sc (Hons.) F.H.R.S.  
 Consultant Cardiologist

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**SPECIAL CLINICAL & RESEARCH INTERESTS**

- Palpitation / Cardiac rhythm disturbance
- Atrial and ventricular arrhythmia including atrial fibrillation
- Cardiac risk or family history of cardiac disease / Sudden death
- Implantable devices (Pacemakers, Defibrillators, Heart failure devices (CRT / Biventricular pacing)
- Left Atrial Appendage Occlusion (Watchman).

**CURRENT APPOINTMENTS**

- Hermitage Medical Clinic



**DR. PETER CREAN**  
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 Consultant Cardiologist

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**PROFESSIONAL PROFILE**

Undergraduate Royal College of Surgeons Post-Graduate training in Jervis Street Hospital, St. Vincents Hospital, Freeman Hospital Newcastle, Hammersmith Hospital London, Montreal Heart Institute and National Heart Hospital London. Cardiologist and lecturer in St James Hospital and Trinity College Dublin since 1987.

**SPECIAL CLINICAL & RESEARCH INTERESTS**

- Angina
- Acute Myocardial Infarction
- Coronary Artery Angioplasty
- Coronary Stents

- Aortic Valve Implants
- Valvular Heart Disease

**CURRENT APPOINTMENTS**

- Hermitage Medical Clinic



**DR. IFTIKHAR KHAN**  
 M.B. M.R.C.P.(UK) M.Sc. (Cardiology)  
 Consultant Cardiologist

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**SPECIAL CLINICAL & RESEARCH INTERESTS**

- Angina
- Hypertension
- Heart Failure
- Atrial Fibrillation
- Risk Factors Management

**CURRENT APPOINTMENTS**

- Hermitage Medical Clinic



**DR. TORA LEONG**  
 MB BCh BAO MA PhD MRCP  
 Consultant Cardiologist

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**PROFESSIONAL PROFILE**

Graduate of Trinity College Dublin 1999. Irish Higher Specialty Training in Cardiology. World Heart Federation Fellowship in Cardiovascular Disease Epidemiology & Prevention Fellowship in Multi-modality Cardiac Imaging (Imperial College NHS Healthcare Trust, London, Harefield Hospital and the Chest Hospital, London, UK) Fellowship in Interventional Cardiology (Institut Cardiovasculaire Paris Sud, France).

**SPECIAL CLINICAL & RESEARCH INTERESTS**

- General Cardiology
- Angioplasty and Stenting
- Cardiac MRI
- Cardiac CT
- Cardiac Imaging

**CURRENT APPOINTMENTS**

- Hermitage Medical Clinic



**DR. VINCENT MAHER**  
 M.D. F.R.C.P.I. F.E.S.C. F.A.C.C.  
 Consultant Cardiologist

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**PROFESSIONAL PROFILE**

Dr. Maher directs the Chronic Cardiovascular disease service at Tallaght hospital including the Heart failure, Rehabilitation and Prevention services. He has a special interest in reversing vascular disease having been involved in a number of the major studies to reverse coronary heart disease with lipid-modification, FATS, FHRS and MAAS trials. He is a member of a global advisory board on lipid management.

**SPECIAL CLINICAL & RESEARCH INTERESTS:**

- Reversing Heart Disease
- Lipids
- Premature Vascular ageing
- Hypertension
- Sports Cardiology

**CURRENT APPOINTMENTS**

- Hermitage Medical Clinic
- Tallaght Hospital

**DR. BRIAN LOO**  
 M.B.Ch. B.A.O. M.R.C.P. (UK)  
 Consultant in Cardiology

Appointments: 083 875 3601

**SPECIAL INTERESTS**

- General Cardiology
- Coronary Angiography and Stenting
- Pacemaker and Cardiac Defibrillator implantation
- Cardiac CT and MRI



**DR. DAVID MULCAHY**  
 M.D. F.R.C.P.I. F.E.S.C.  
 Consultant Cardiologist

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**SPECIAL CLINICAL & RESEARCH INTERESTS:**

- Interventional Cardiology
- Adult Congenital Heart Disease

**CURRENT APPOINTMENTS**

- Hermitage Medical Clinic



**Prof. BRENDAN McADAM**

M.D F.R.C.P. | F.A.H.A.  
 Consultant Cardiologist

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**PROFESSIONAL PROFILE**

Prof McAdam is a Director of Imaging and Heart Failure at Beaumont Hospital, Consultant Cardiologist and Associate Professor of Medicine RCSI School of Medicine.

**SPECIAL CLINICAL & RESEARCH INTERESTS:**

- Cardiac CT and Cardiac MRI
- 2 & 3D Echo and TOE
- Cardiac Angiography and Hemodynamics
- Heart failure
- Valvular Heart Disease
- Hyperlipidemia
- Hypertension

**CURRENT APPOINTMENTS**

- Hermitage Medical Clinic
- Beaumont Hospital



**Prof. RICHARD SHEAHAN**

F.R.C.P.I F.E.S.C. F.H.R.S  
 Consultant in Cardiology / Electrophysiology

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**SPECIAL CLINICAL & RESEARCH INTERESTS:**

- Supraventricular Tachycardia
- Sudden Cardiac Death
- Implantable Cardioverter Defibrillator (ICD)
- Biventricular ICD Placement. Syncope Evaluation
- Atrial Fibrillation

**CURRENT APPOINTMENTS**

- Hermitage Medical Clinic
- Beaumont Hospital



**DR. DAVID P. MOORE**

M.B F.R.C.P.I  
 Consultant Cardiologist

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**SPECIAL CLINICAL & RESEARCH INTERESTS:**

- Echocardiography
- Heart Failure
- Pacing

**CURRENT APPOINTMENTS**

- Hermitage Medical Clinic
- Tallaght Hospital



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