



HEART AND STROKE TRUST ENDEAVOUR
REGISTERED CHARITY NO: 1105396
WWW.HASTE.UK.COM

Open Day 21st June 2005

About HASTE

The Heart and Stroke Trust Endeavour (HASTE) is a Surrey-based Charity founded in 2003 by Peter Hutley MBE and Dr Edward Leatham FRCP a Cardiologist & Physician. HASTE was formed to help combat the UK's leading cause of death and morbidity. It aims to help in many different ways, and to act as an advocate for the Public and Cardiovascular Physicians. For example new angina and transient ischaemic attack (TIA) are both associated with high risk of short term mortality and morbidity so both should be investigated and treated without delay. The acronym indicates the need for speed and the first HASTE project – this specialist wing attached to the Royal Surrey County Hospital provides the ‘tools’ for the multidisciplinary teams to do this job quickly and efficiently.

The wing was built by the Charity assisted by a generous interest-free loan from the Anglo-Irish bank and handed over to the NHS in April 2005. It is most unusual for a charity to take out a loan in order to build before all the necessary funds can be raised, but founder Peter Hutley was so passionate about ‘the cause’ that he and his friends arranged finance and security to start the project without delay. A considerable sum remains to be raised... The Charity worked with the local NHS Trust to facilitate the donation of a brand new NHS MRI scanner (by NOF) producing a facility for the local people worth >£1.5M

The scheme will bring together the teams and network required to combat heart disease and stroke by facilitating ‘one stop’ clinics for people experiencing warning symptoms such as transient ischaemic attack (TIA) or angina. High risk cases can be fast-tracked through the system and have corrective treatment in specialised tertiary units in time. It is hoped that with early triage and assessment the team comprising GPs, hospital doctors, nurses, technicians, and radiographers backed up by efficient administration will prevent many heart attacks and strokes.

As well as rapid access clinics, HASTE will focus on preventative strategies: it will offer expertise on diagnosis and treatment of high blood pressure, atrial fibrillation and heart failure. There will be links to professional and patient groups and resources for educating the public and their physicians of the latest developments in cardiovascular disease.

The HASTE wing

The wing contains three new clinic rooms, office space for Consultants, secretaries and specialist nurses, Cardiovascular MRI, Cardiac Ultrasound Suite (to be called the Hutley Suite) where TOE, Stress echo and Doppler can be performed. There is a large recovery/patient prep area, changing room and WC. A reporting room contains the servers and viewers for reporting of cardiac and radiological work via the new PACS to be fitted in Dec 2005. A staff rest room is attached. The wing has a large ‘atrium’ – a well lit area for patients to sit, equipped with a drinks machine. There is direct access via steps from the main car park and a ‘drop zone’ for disabled patients to access the wing via a new doorway to be constructed connected the pathway to main outpatients.

Wherever possible we have tried not to duplicate or ‘reinvent the wheel’- so the wing is attached to main outpatients to make maximum use of existing outpatient rooms, and is close to existing ECG, Phlebotomy and Echo rooms.



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Haste wing NHS Services

Theme Clinics will operate from the HASTE wing: One stop Chest Pain Clinic (3x week), TIA clinic (daily screening service), AF clinic and general cardiology outpatients. The various MDTs (cardiac surgery and Carotid Vascular) will operate from HASTE I so that the specialists can review the clinical data and images together and decide on the best management plan for each patient.

Cardiac Imaging

The MRI scanner is equipped for cardiac MR. This will enable the team, under the direction of Consultant Cardiologist Dr Nick Bunce to capture images of the heart in order to investigate chest pain, breathlessness and heart failure. A Stress MRI perfusion service will be used to assess coronary perfusion in a similar way to Nuclear scan but with much better special resolution , and of course without any radiation. There will be advanced echo and TOE imaging sessions within the imaging area

Tertiary Networks

Cardiac Surgery Intervention and Electrophysiology

Strong links to Royal Brompton Hospital (Mr Neil Moat, Surgery: Dr E Leatham, PTCA Stent: Dr Jonathan Clague Electrophysiology: Dr Mike Mullens Closure devices and GUCH) and St Georges Hospital (Mr EEJ Smith, Surgery: Dr TP Chua PTCA/Stents: Dr DE Ward Electrophysiology) exist with satellite clinics running for most people at RSCH

Carotid Imaging Surgery

Strong links to Neuroradiology service at the Atkinson Morley wing St George's Hospital where advanced brain imaging and Carotid Stent trials are ongoing and Prof Mat Thompson, Vascular Surgery unit at St Georges Hospital, who specialises in Carotid endarterectomy.

The Carotid Doppler and TIA team will be having a multidisciplinary team (MDT) meeting every 2 weeks to review patients and imaging.

Senior Nurse Jo Blundell from the Vascular Unit St Georges Hospital will be here today to tell you about the service

New Services to be launched from HASTE I

TIA and Doppler imaging

Following a generous Grant (1 year salary) by Sanofi aventis, a vascular technologist post is about to be appointed. This person will provide a **daily** Carotid screening service in order to facilitate the TIA one stop clinic. GPs and Medics can refer patients with suspected TIA or small stroke to the new service and important disease will be picked up early enough, so that preventative treatment can be offered in time. Ms Judy Holdstock will be showing carotid Doppler live demos today.

Stress perfusion echo

Ultrasound contrast is infused into a vein, allowing us to see myocardial perfusion in 'real time'. Stress agents are given so we can detect reversible perfusion defects- this will allow better non-invasive detection of coronary stenoses. Dr Krystyna Darasz will be showing images of this and stress echo today



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Cardiac MR imaging

Under the care of Dr Nick Bunce, this service will start in the Summer 2005- complimenting a range of cardiac imaging services. Dr Ian Beeton SpR Cardiology will be showing examples of this today

Echo Contrast

Where a 'bubble test' is used to assess whether a hole in the heart exists. This test is important for detecting patent foramen ovale (PFO) linked to TIA and Stroke, and more recently to Migraine (MIST Trial)

Services under development

Hypertension clinics

Undetected or poorly controlled Hypertension is still the leading cause of TIA and Stroke. It is hoped we will be able to run these clinics with the help of specialist nurse, so that patients with new or poorly controlled hypertension can be referred for assessment

Heart Failure clinics

Although 1 stop heart failure clinics exist, they are too few given the incidence of hear failure, so we hope to find resources to expand this service.

HASTE II

As part of the agreement between HASTE and the Royal Surrey NHS Trust, there is an option for HASTE to build an independent wing adjacent and connected to HASTE I. It is hoped that a combination of charitable donation, grants and private finance will allow this development with three years.

If it goes ahead we hope to install more offices for specialist staff, exercise test systems, imaging rooms and a multi-slice CT to allow immediate investigation and triage of patients with suspected heart disease – using coronary calcium scoring and CT coronary angiography

Acknowledgements

The Royal Surrey County Hospital and HASTE are indebted to the following Pharmaceutical companies for sponsoring all the hospitality costs of the day:

Sanofi-Aventis, Boehringer Ingelheim, Novartis

Appendices

The attached pages list who is here, the rooms and services to see and the staff