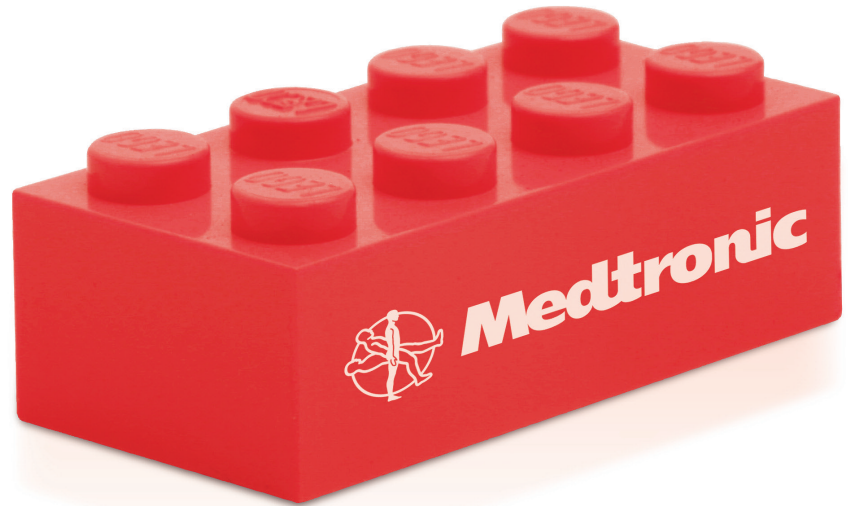




# The Medtronic Endovascular University

Building a future



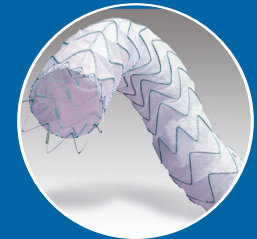
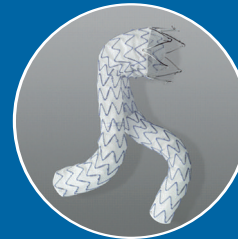
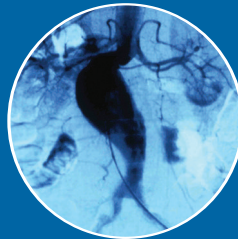
# Welcome to the Medtronic Endovascular University.

The Endovascular University encompasses a 9 month Training Course, consisting of 4 modules, designed to enhance and compliment training that is already being undertaken by late stage and final year Vascular and Radiology trainees.

Each of the 4 modules involves a topic relevant to becoming a Consultant who ultimately will be heavily involved with EVAR on a daily basis.

The course, endorsed by BSET, is designed to provide structured, in-depth training, focusing on areas that trainees would not normally get exposure to and is directed at high achieving trainees who have the potential to become future leaders in their field.

The training on each of the course modules will be provided by the leading Vascular Surgeons / Radiologists in the UK today.



# Course Directors

**Nick Cheshire is Professor of Vascular Surgery and Head of Circulation and Renal Sciences at Imperial College Healthcare. He is a council member of the Society of Academic & Research Surgeons and a founder member of the British Society for Endovascular Therapy.**



Nick Cheshire's clinical and research interests are in the application of technology to complex arterial disease to improve outcome for patients. He has pioneered stent graft repair of thoracic and thoraco-abdominal aneurysms in the UK, reducing peri-operative mortality by up to 50%. A project with bioengineering has produced a novel helical stent, less susceptible to fracture and with advantageous fluid mechanical properties.

Other programmes include the recent report of the world's first robotically controlled endovascular aneurysm repair and a simulation system that allows mission rehearsal prior to carotid stenting. Research programs associated with these interests have won prizes in the UK, Europe & the USA and development of a spin out company.

[nick.cheshire@imperial.ac.uk](mailto:nick.cheshire@imperial.ac.uk)

**Professor Matthew Thompson qualified from St Bartholomew's Hospital Medical School in 1986.**

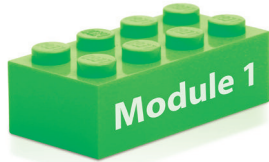


He trained in vascular surgery at Leicester and Adelaide. He was appointed a Consultant Vascular Surgeon at Leicester Royal Infirmary in 1999 and moved to the Chair of Vascular Surgery at St George's, University of London in 2002.

The St George's Vascular Institute is a large tertiary referral centre with an extensive practice in complex thoracic and abdominal aortic surgery. The Unit performs over 200 endovascular aortic procedures annually, and has a carotid stent programme. Professor Thompson trained in vascular biology as a Wellcome Training Fellow and now runs a large, multi-disciplinary research group investigating the molecular basis of the aneurysmal process and carotid plaque rupture.

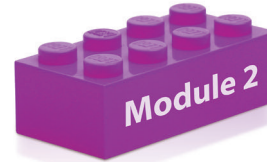


# Course Content



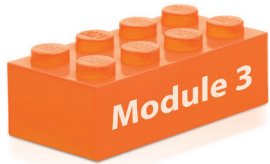
## Endovascular practice today & tomorrow

An interactive and hands on 2 day module involving topics such as Carotid & Renal Intervention, Robotics & Simulation, Imaging Dynamics, C Arm Simulator, EVAR Trials, Case Videos, Patient Follow up.



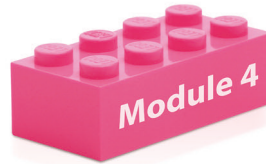
## EVC (11-13 March 2011)

Accommodation, registration and attendance at the European Vascular Course in Maastricht. The course focuses on education and training, and includes presentation and discussion times, edited videos, vascular and endovascular models, individual teaching and case discussions.



## Thoracic Stent Grafting

Another interactive and hands on 2 day module looking specifically at Thoracic Disease and focusing on disease types, what is treatable, referral patterns, literature reviews, case videos, sizing and selection, simulator sessions and trouble shooting.



## Professional Development

The final 2 day module encompasses those areas found outside of the Endovascular Suite. Sessions will involve a Medtronic pipeline presentation, Coroner talk, practice consultant interview, information on setting up a service, securing EVAR funding and dealing with finance, handling discussions with the and managing difficult situations.

The course will culminate in a Graduation dinner & Presentation evening.



## About Medtronic

Medtronic was founded in 1949 as a medical equipment repair shop by Earl Bakken and his brother-in-law, Palmer Hermundslie. Since then, we've grown into a multinational company that uses technology to transform the way debilitating, chronic diseases are treated. Our first life-changing therapy – a wearable, battery-powered cardiac pacemaker – was the foundation for dozens more Medtronic therapies that use our electrical stimulation expertise to improve the lives of millions of people.

Over the years, we adapted additional technologies for the human body, including radio frequency therapies, mechanical devices, drug and biologic delivery devices, and diagnostic tools.

Our medical technologies help make it possible for millions of people to resume everyday activities, return to work, and live better, longer. Through our key businesses, we partner with medical professionals to develop life-changing products that improve the way chronic diseases are treated.

Market leaders in the field of Endovascular Aneurysm Repair, with the Endurant Abdominal Stent Graft and Captivia Thoracic Stent Graft, our experience is second to none and Medtronic have been pioneers in partnering, supporting and educating physicians involved in EVAR in the UK and around the world today.

In conjunction with BSET we are proud to extend this support to the physicians of the future through the Medtronic Endovascular University.

## About BSET



The British Society of Endovascular Therapy (BSET) was primarily set up to create a forum for discussion and research and to give support to consultants attempting to set up new endovascular practices within the NHS. Each year at the annual BSET meeting trainees are given the opportunity to present endovascular research and all the current BSET members are the main proponents of endovascular surgery in the UK.

# Application Process

Those interested in applying for a place on the course should complete an electronic application form and return to [sarah.bee@medtronic.com](mailto:sarah.bee@medtronic.com).

Forms are available from:

- The Rouleaux Club website: [www.rouleauxclub.com](http://www.rouleauxclub.com)
- The BSET website: [www.best.co.uk](http://www.best.co.uk)
- Medtronic: [sarah.bee@medtronic.com](mailto:sarah.bee@medtronic.com), tel: 01923 205119

The closing date for applications is August 13th 2011.

Successful applicants will be invited for interview during September 2011.

A fee of £125.00 is payable by those successful in gaining a place on the Medtronic Endovascular University Course.



**[www.medtronic.co.uk](http://www.medtronic.co.uk)**

Medtronic Limited  
Building 9  
Croxley Green Business Park  
Hatters Lane  
Watford  
Hertfordshire  
WD18 8WW

Telephone: 01923 212213  
Fax: 01923 241004  
[enquiries@medtronic.com](mailto:enquiries@medtronic.com)

