

## Addressing Educational needs

- the adoption of endovascular techniques has diminished the exposure of trainees and specialists to open aortic surgery
- endovascular approaches to aortic pathology often require adjunctive, less frequently used open techniques
- the decreased exposure to open aortic pathology often required in emergency setting does influence outcomes
- achieving competence for open aortic surgery, promoting specialist skills and preventing de-skilling may be obtained using alternative methods such as this course

## Course objectives

- to practice the common vascular/cardiac exposures used for thoracic and abdominal aorta on cadavers
- to practice and discuss open surgical techniques for aneurysmal aortic disease, aortic dissections and infected aortas, thoracic, abdominal and thoraco-abdominal
- to discuss needs, strategic steps, milestones in our aim of running a high quality aortic service in the West Yorkshire region and elsewhere

## Breaks

08.30 -09.00 - Coffee/tea/Registration

12.00-13.00 - Lunch

19.00 - Course dinner at Thai Edge (Drinks from 18.30)

# COURSE PROGRAMME - DAY 1 (26 JUNE 23)

## SEMINAR ROOM 9.58B

### 08.30-09.00 - Registration

**09.00 - 09.15 - Opening and introduction** - Mrs N Maftai, Mrs B Evans, Mr T Wallace, Mr G Maritati, Mr W ElMahdy, Prof SV Homer

**09.15 - 09.45 - Introduction to cadaveric sessions** - Cardiopulmonary bypass access for proximal aortic surgery - Aortic root replacement - Aortic arch vessels deb ranching - Aortic arch replacement + Frozen Elephant Trunk (FET)/Ascyrus Medical Dissection Stent (AMDS) - Mr Elmahdy, Consultant Cardiac and Aortic Surgeon, LTHT

**09.45 - 12.00 (2.15 hrs) - Cadaveric session 1** (Axillary artery dissection; Femoral artery dissection; Carotid artery dissection - 75min - Aortic root replacement - 60 mins)

**12.00- 13.00 - Lunch and simulation/models demonstrations (Artivion, Medtronic, Le Maitre-TBC)**

**13.00 - 13.30 - Arch Surgery for Type A/non-A non-B Aortic dissection. Mr Ulrich Rosendahl, Lead Aortic Surgeon, Royal Brompton Hospital, London**

**13.30 - 14.00 - Cases discussion. Mr Y Haqzad, Senior Aortic Fellow, LTHT**

**14.00 - 16.00 (2 hrs) - Cadaveric session 2** - Demonstration of AMDS/FET; total arch replacement + debranching

**16.00 - 16.30 - Anaesthetic and critical care challenges in complex aortic surgery - Dr Amit Chawla, Consultant Anaesthetist Guy's and St Thomas's Hospital London**

Debrief and panel discussion

**19.00 - Course dinner** (drinks from 18.30) - Thai Edge, 7 Calverley St, Leeds LS1 3DB

## FACULTY/TUTORS:

AHMED NASSEF

ANDREW MAVOR

AMIT CHAWLA

BETSY EVANS

GABRIELE MARITATI

JENNY ROBSON

JAMES FORSYTH

NONICA MAFTEI

MORAD SALLAM

PADDY COUGHLIN

PARAMESH KUMARA

PROF SV HOMER

ROSIE DARWOOD

SAPNA PUPPALA

TIM STANSFIELD

TOM WALLACE

ULRICH ROSENDAHL

WALID ELMAHDY

YAMA HAQZAD

## Breaks

**08.30 -09.00 - Coffee/tea/Registration**

**12.00-13.00 - Lunch**

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Promoting the West  
Yorkshire Aortic Centre



# COURSE PROGRAMME - DAY 2 (27 JUNE 23)

## Thoraco-abdominal aorta

### SEMINAR ROOM 9.58B

#### 08.30-09.00 - Registration

**09.00 -09.30 - Introduction to cadaveric session 1:** Approaches to descending thoracic and retroperitoneal abdominal aorta (left lateral thoracotomy); exposure for different extents of aortic aneurysm, diaphragmatic division; lombotomy. Repair of proximal aneurysm extent (choice of supra/juxta/infra-renal, Types I, II, III and IV extent), left renal re-vascularisation - Mr Gabriele Maritati, Consultant aortic surgeon Rome, Italy; Mr Morad Sallam Consultant Vascular Surgeon Guy's and St Thomas's Hospital London, Mr Andrew Mavor Consultant Vascular and Trauma surgeon LTH

**9.30-11.30 - Cadaveric session 1 (2 hrs)** - Control of descending thoracic aorta and retroperitoneal abdominal aorta; diaphragmatic division - 30 mins; aortic replacement (choices of supra/juxta/infra-renal, Type II, III, IV - 60 mins; left renal re-vascularisation procedures to facilitate hybrid repairs - 30 mins)

**11.30 - 11.45 EVAR AND TEVAR conversion - Mr Morad Sallam, Consultant aortic Surgeon, Guy's and St Thomas's Hospital**

**11.45 - 12.00 -TAAA OR - Mr Gabriele Maritati, Consultant Aortic surgeon, Rome, Italy**

**12.00 -13.00 - Lunch with simulation/models demonstrations (Artivion, Medtronic)**

**13.00 - 13.30 - Aortic imaging and case presentations/discussions - Dr Sapna Puppala, Consultant Vascular Interventional Radiologist, LTH**

**13.30 - 13.45 - Introduction to cadaveric session 2** - Trans-peritoneal approaches (TP)/abdominal laparotomy - emergency/elective supra-celiac, supra-renal clamps, Mattoux and Cattell-Braasch manoeuvres, TP aortic replacement (supra/juxta/infra-renal, visceral/renal re-implantation) - Mr Gabriele Maritati, Consultant aortic surgeon Rome, Italy; Mr Morad Sallam Consultant Vascular Surgeon Guy's and St Thomas's Hospital London, Mr Andrew Mavor Consultant Vascular and Trauma surgeon LTH

**13.45 - 16.15 - Cadaveric session 2 (2 hrs)** - TP incision/approach to aorta, supra-celiac/supra-renal clamps, Mattoux and Cattell Braasch manoeuvres - 45 min; TP aortic replacement - 45 min; visceral/renal re-vascularisation 30 min)

**16.15 - 16.30 - Debrief, next year's course, close of course and feedback** - N Maftai/Walid ElMahdy