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 thoracoabdominal
- to discuss needs, strategic steps, milestones in our aim of running a high quality aortic service in the West Yorkshire region and elsewhere

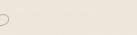
Breaks

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 Maftei, 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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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, II 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 LTHT

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,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, LTHT

13.30 - 13.45 - Introduction to cadaveric session 2 - Trans-peritoneal approaches (TP)/abdominal laparotomy - emergency/elective supra-celiac, supra-renal clamps, Mattoux and Cattel-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 LTHT

13.45 - 16-15 - Cadaveric session 2 (2 hrs) - *TP* incision/approach to aorta, supra-celiac/supra-renal clamps, Mattoux and Cattel Braasch maneouvres - 45 min; TP aortic replacement - 45 min; visceral/renal revascularisation 30 min)

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