ACADEMIC PROGRAMME

WEDNESDAY (03/12 2014)

12h30 – 13h00: Welcome
NG Naidoo

13h00 – 14h30: SESSION 1 (Basic principles of vascular ultrasound)

13h00 – 13h30: Basic principles of ultrasound & vascular physiology …as it relates to vascular ultrasound imaging
N Labropoulos

13h30 – 14h00: Overview: Controls for the ultrasound machine
(Live / interactive)
A Kadwa

14h00 – 14h30: Performing the scan
(Technique and procedural considerations)
(Live demonstration)
N Labropoulos

14h30 – 15h00: TEA

15h00 – 17h30: Practical hands-on session
(Includes Duplex US-guided vascular access on simulators)

THURSDAY (04/12/2014)

08h00 – 09h30: SESSION 2 (Venous - lower extremity)

- Primary varicose veins – Great saphenous vein (GSV)
- Primary varicose veins – Small saphenous vein (SSV)
- Atypical varicose veins
- IVC and Iliac vein assessment
- Post-thrombotic syndrome
- Non-thrombotic iliac vein obstruction
- Deep vein thrombosis
08h00 – 08h20: Anatomico-pathological considerations (Duplex ultrasound perspective)  
NG Naidoo

08h20 – 08h40: Ultrasound principles and considerations  
N Labropoulos

08h40 – 09h30: Performing the scan  
(Technique and procedural considerations)  
(Live demonstration)  
A Kadwa

09h30 – 10h00: TEA

10h00 – 12h00: Practical hands-on session

12h00 – 13h00: LUNCH

(Live case transmission: Intravascular ultrasound)  
NG Naidoo

13h00 – 14h30: SESSION 3 (Venous - upper extremity; vascular access for haemodialysis and IVUS)

- Vein assessment (Subclavian; Axillary; Internal Jugular)
- Vein assessment (Basilic; Cephalic)
- Assessment of AVF for haemodialysis
- Principles of intravascular ultrasound
- Axillary - subclavian vein occlusive disease

13h00 – 13h20: Anatomico-pathological considerations  
(Duplex ultrasound perspective)  
B Natha

13h20 – 13h40: Ultrasound principles and considerations  
ATO Abdool-Carrim

13h40 – 14h00: Basic principles of intravascular ultrasound (IVUS)  
NG Naidoo

14h00 – 14h30: Performing the scan  
(Technique and procedural considerations)  
(Live demonstration)  
N Labropoulos

14h30 – 15h00: TEA

15h00 – 17h30: Practical hands-on session
FRIDAY (05/12/2014)

08h00 – 09h30: SESSION 4 (Peripheral Arterial Disease - supra-inguinal imaging)

- Abdominal aorta (including abdominal aortic aneurysms)
- Iliac arteries
- Mesenteric vessels
- Renal vessels

08h00- 08h20: Anatomico-pathological considerations
  (Duplex ultrasound perspective)  
  B Natha

08h20 – 08h40: Ultrasound principles and considerations  
  ATO Abdool-Carrim

08h40: 09h30: Performing the scan
  (Technique and procedural considerations)  
  (Live demonstration)  
  N Labropoulos

09h30 – 10h00: TEA

10h00 – 12h00: Practical hands-on session

12h00 -13h00: LUNCH

13h00 – 14h30: SESSION 5 (Peripheral arterial disease - infra-inguinal imaging)

- Femoral artery
- Popliteal artery
- Tibial vessels
- Vein assessment and vein marking

13h00 – 13h20: Anatomico-pathological considerations
  (Duplex ultrasound perspective)  
  ATO Abdool-Carrim

13h20 – 13h40: Ultrasound principles and considerations  
  N Labropoulos

13h40 – 14h30: Performing the scan
  (Technique and procedural considerations)  
  (Live demonstration)  
  A Kadwa

14h30 – 15h00: TEA

15h00 – 1730: Practical hands-on session
**SATURDAY (06/12/2014)**

08h00 – 09h30: SESSION 6 (*Extra-cranial cerebrovascular disease*)

- Carotid artery
- Vertebral artery
- Subclavian artery

08h00- 08h20: Anatomico-pathological considerations
   (Duplex ultrasound perspective)  NG Naidoo

08h20 – 08h40: Ultrasound principles and considerations  N Labropoulos

08h40: 09h30: Performing the scan
   (Technique and procedural considerations)
   (Live demonstration)  A Kadwa

09h30 – 10h00: TEA

10h00 – 12h30: Practical hands-on session

12h30 – 13h00: CLOSE