15th Annual Course
Anatomy for Electrophysiologists  1st & 2nd July 2019
Venue: National Heart & Lung Institute, London SW3 6LY
Course director:
Prof S. Yen Ho, Royal Brompton Hospital, London, UK

Objectives: This one-and-a-half day course aims to provide the foundation for understanding the anatomy of the heart and spatial relationships of cardiac structures as viewed by cardiac electrophysiologists and interventionists. It also discusses recent developments in cardiac imaging for electrophysiologists. This course is suitable for doctors training to specialise in cardiac electrophysiology, for physiologists and support professionals working in catheter laboratories and in industry, and is a refresher/update course for the experienced practitioner.

Faculty
Prof Yen Ho, Cardiac Morphology Consultant Royal Brompton Hospital London
Dr David Jones, Consultant Cardiologist Harefield Hospital London
Dr Sabine Ernst, Consultant Cardiac Electrophysiologist, Royal Brompton Hospital London
Prof Jacques deBakker, Professor of Experimental Cardiology, University of Amsterdam
Dr Jan Till, Consultant Paediatric Electrophysiologist, Royal Brompton Hospital London
Prof Carmen Gutierrez, Director of Pathology, Pereira Rossel Hospital, Montevideo, Uruguay
Dr Karen McCarthy, Research Fellow Cardiac Morphology, Royal Brompton Hospital London
Prof William O’Connor, Cardiac Pathologist, University of Lexington, USA
Dr Jan-Lukas Robertus, Consultant Pathologist, Royal Brompton Hospital London
Programme

Monday, 1st July 2019 (Day 1)

8.15 - 9.00am Registration + coffee

Session 1

09.00-09.30  Introduction to morphology of the normal heart and relationship to surrounding structures

09.30-10.00  Living anatomy of the right atrium and transseptal puncture

10.00-10.30  Imaging the left atrium and pulmonary veins: basic but essential

10.30-10.45  Discussion

10.45-11.00  Coffee

Session 2

11.00-11.30  Morphology of the right atrium and atrial septum

11.30-12.00  Morphology of the left atrium and pulmonary veins

12.00-12.10  Discussion

12.10-12.30  The atrioventricular junctions & conduction system

12.30-12.50  Living anatomy of the AV junctions

12.50- 13.00  Discussion

13.00 – 13.45  Lunch

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Session 3
13.45 pm – 15.15 pm (in Seminar Room)

(a) **Hands-on specimens**

15.15 -15.40  *Coffee*

15.40 – 16.20 Myocardium in health and disease:
    Structure and impulse propagation

16.20 – 17.00 Selecting catheters and transseptal sheaths for the job

Tuesday, 2\textsuperscript{nd} July 2019 (Day 2)

Session 4
09.00-09.20  Rhythms from the His -Purkinje system
09.20-10.00 Anatomy of the ventricles & coronary veins
10.00-10.30 Imaging the ventricles
10.30-10.40 Discussion (10 mins)

10.40–11.00 *Coffee*

11.00-11.40 Pathology of the ventricles: cardiomyopathies
11.40-12.10 Anatomy of congenital heart malformations
12.10-12.40 EP anatomy after atrial procedures

12.40-1.00 Discussion

*Lunch*  ---------Course ends