16th Annual Course

Anatomy for Electrophysiologists 1st & 2nd June 2020

Venue: Royal Brompton Hospital, London SW3 6NP

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.

Programme

Monday, 1st June 2020 (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

10.00-10.45 Imaging the left atrium and pulmonary veins: basic but essential

10.45-11.00 Discussion

11.00-11.15 Coffee

Session 2

11.15-11.40 Morphology of the right atrium and atrial septum

11.40-12.00 Morphologic features of the left atrium

12.00-12.30 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)

(a) **Hands-on specimens**

15.15 -15.40 Coffee

15.40 – 16.20 Complex and fractionated electrograms: their origin and relation with heart structure

16.20 – 17.00 Selecting catheters and transseptal sheaths for the job

Tuesday, 2nd June 2020 (Day 2)

Session 4

09.00-09.20 Rhythms from the His -Purkinje system

09.20-10.00 Morphologic features of the ventricles

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

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