

# Anatomy for Electrophysiologists 7th & 8th July 2008

## Venue:

**Education Centre  
National Heart & Lung Institute,  
Guy Scadding Building, Dovehouse Street,  
London SW3 6LY, ENGLAND**

**Course Organiser & Director: Yen Ho, Cardiac Morphology Unit  
Imperial College and Royal Brompton Hospital**

## **Faculty:**

Francisco G. Cosio, Hospital Universitario de Getafe, Spain  
Jacques deBakker, Academic Medical Center, Amsterdam, the Netherlands  
Annalisa Angelini, University of Padova, Italy  
Damian Sanchez-Quintana, University of Extramadura, Badajoz, Spain  
Carmen Gutierrez, Pereira Rossell Hospital, Uruguay  
Dominic Abrams, Heart Hospital, London  
Vias Markides, Royal Brompton and Harefield Hospital, Imperial College London  
Sabine Ernst, Royal Brompton and Harefield Hospital, Imperial College London  
Jan Till, Royal Brompton Hospital, London  
Tom Wong, Royal Brompton and Harefield Hospital, London  
Mary Sheppard, Royal Brompton Hospital, London  
Caner Salih, Royal Hospital, Melbourne  
Karen McCarthy, Royal Brompton Hospital, London  
Yen Ho, Imperial College London and Royal Brompton Hospital, London

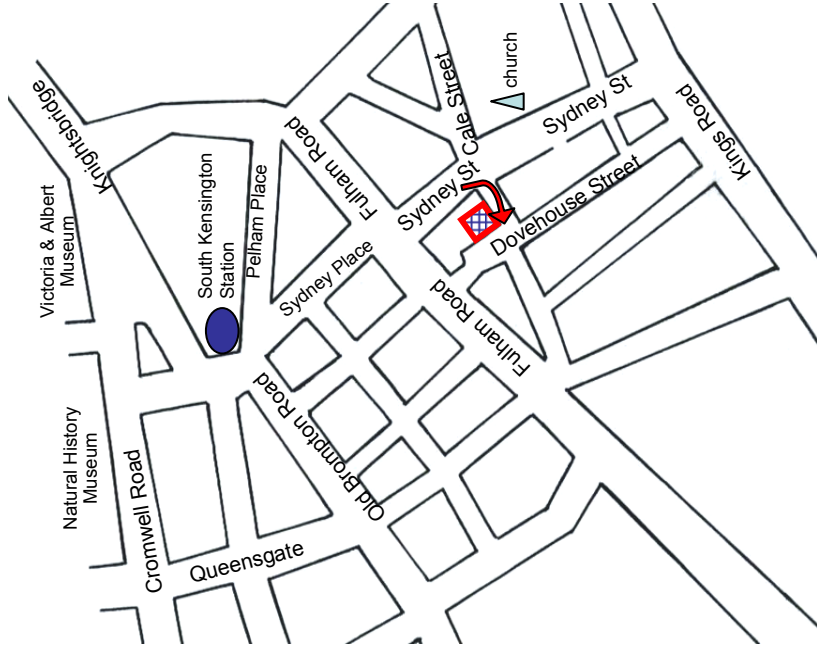
- **EBAC accreditation applied for**
- **Programme endorsed by Heart Rhythm Society**



**Cardiac Morphology**  
E-mail: [Morphology@rbht.nhs.uk](mailto:Morphology@rbht.nhs.uk)  
Website: [www.rbht.nhs.uk/cardiacMorphology](http://www.rbht.nhs.uk/cardiacMorphology)

Anatomy for Electrophysiologists (7, 8 July 2008)

How to get to the **National Heart & Lung Institute**,  
Dovehouse Street, London:  
7 minutes walk from nearest Underground station –  
South Kensington (District, Circle and Piccadilly Lines).  
There are also bus stops close by on Fulham Road,  
Sydney Street and Kings Road.



**Draft programme  
4<sup>th</sup> Annual Course**

**Anatomy for Electrophysiologists**

a short course to be held at  
National Heart & Lung Institute

Dovehouse Street, London SW3 6LY, UK

**Dates: 7<sup>th</sup> and 8<sup>th</sup> July 2008**

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

**Monday, 7<sup>th</sup> July 2008 (Day 1)**

8.15 - 9.00am Registration + coffee

Session 1 (1hr 45mins)

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

09.30-10.00 Morphology of the right atrium and atrial septum Yen Ho

10.00-10.30 Fluoroscopic anatomy of the right atrium and transseptal puncture Vias Markides

10.30-10.45 Discussion

10.45-11.00 *Coffee*

Session 2 (2 hours)

11.00-11.30 Morphology of the left atrium and pulmonary veins Yen Ho

11.30-12.00 Imaging the left atrium and pulmonary veins: basic but essential Vias Markides

12.00-12.10 Discussion

12.10-12.30 The atrioventricular junctions: morphology & attitudinal approach Yen Ho

12.30-12.50 Fluoroscopic anatomy of the AV junctions Tom Wong

12.50- 1.00 Discussion

1.00 – 1.45 *Lunch*



Endorsed by Heart Rhythm Society

Session 3 (30 mins)

**Keynote Lecture:**

1.45 – 2.15pm Mapping of atrial flutter - relevance of anatomical understanding

**Francisco Cosio**

Session 4 (2hrs 30mins) [ *Tea/coffee: 3.00 pm – 3.25 pm* ]

**Participants start with option (a) or option (b1+b2) and change after 1 hr 15mins**

2.15 pm – 3.30 pm and 3.45 pm – 5.00 pm (in Seminar Room)

(a) **Hands-on specimens**

Annalisa Angelini, Caner Salihi  
Mary Sheppard, Carmen Gutierrez  
Damian Sanchez-Quintana, Yen Ho  
Karen McCarthy  
(90 mins, twice)

2.15 pm – 2.55 pm and 3.45 pm – 4.20 pm (in Lecture Theatre)

(b1) **Selecting catheters and transseptal sheaths** Sabine Ernst (35 mins, twice)  
**for the job**

2.55pm – 3.30pm and 4.20pm – 4.55pm (in Lecture Theatre)

(b2) **Myocardium in health and disease:**

**Structure and impulse propagation** Jacques deBakker (35 mins, twice)

5.15 pm – 6.30 pm *Reception (drinks and nibbles)*

**Tuesday, 8<sup>th</sup> July 2008 (Day 2)**

Session 5 (2 hours)

9.00 am – 11.00 am

09.00-09.15 Anatomy of the coronary vein Yen Ho

09.15-09.45 Anatomy of the ventricles Yen Ho

09.45-10.15 Pathology of the ventricles: cardiomyopathies Annalisa Angelini

10.15-10.45 Imaging the ventricles Sabine Ernst

10.45-11.00 Discussion (15 mins)

*Coffee (20 mins)*

Session 6 (1hr 40mins)

11.20 am – 1 pm

11.20-11.50 Anatomy after surgery for congenital heart disease Yen Ho

11.50-12.10 EP anatomy after Fontan procedure Dominic Abrams

12.10-12.30 EP anatomy after the atrial switch procedure Jan Till

12.30-12.50 Pacing in congenital heart disease Jan Till

12.50-1.00 Discussion

End of course

*Lunch*

## Anatomy for Electrophysiologists 7<sup>th</sup> & 8<sup>th</sup> July 2008

Course fee (full rate): **£360** inclusive of tea / coffee and lunches

Discounted fee of **£200** for technicians working in NHS/University

### Registration form

Surname \_\_\_\_\_ (Prof/Dr/Mr/Mrs/Miss/Ms)

Forename \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Tel no. (daytime) \_\_\_\_\_

Fax no \_\_\_\_\_

E-mail \_\_\_\_\_

Job Title \_\_\_\_\_

### **Method of Payment**

- 1) By cheque made payable to **Imperial College**
- 2) Bank transfer – if paying by bank transfer, please ensure bank charges are met at source and not deducted from the registration fee. Bank details are available on request from the Academic Events Office.
- 3) Credit card (Visa, Mastercard, Eurocard)  
We regret we are unable to accept Diners Club card or American Express. Please note that 2% will be added to the registration fee if paying by credit card
- 4) Debit card (Delta, Switch or Maestro)  
N.B. The 2% charge will also apply if debit card is not specified

### **Cancellation**

Cancellations must be received in writing **on or before 9 June 2008** and will be subject to an admin charge of £100. It is regretted that cancellations received after **9 June 2008** cannot be accepted and the applicant will be liable for the full course fee. Substitutions may be made at any time (whilst a valid place is held).

### **Send completed forms to:**

Academic Events Office  
National Heart & Lung Institute  
Imperial College  
Dovehouse Street  
London SW3 6LY, UK  
Tel: +44 (0) 20 7351 8172  
Fax: +44 (0) 20 7351 8246  
Email: [academicevents.nhli@imperial.ac.uk](mailto:academicevents.nhli@imperial.ac.uk)

I enclose payment of \_\_\_\_\_ by cheque/Eurocheque  
or

Please debit my Mastercard, Visa, Eurocard, Switch, Delta,  
Maestro / Visa Debit Card (please delete as necessary)  
for the amount of **£360** (full rate)

Or discounted rate of **£200** (technician in NHS/University)

/   
Expiry date

/   
Start date

Security code

Signature \_\_\_\_\_ Amount £ \_\_\_\_\_

Name and address of cardholder if different from above  
\_\_\_\_\_  
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**NB: This form must be signed if paying by credit or debit card.**