

Teaching course in Nuclear Cardiology Thursday 17 November – Saturday 19 November, 2016

Course Director: Richard S. Underwood (UK)

Faculty members : Olivier Gaemperli (CH), Alessia Gimelli (IT) ,Paul Knaapen (NL), Danilo Neglia (IT), Eliana Reyes (UK)

Target Audience:

This course covers the major items of the EACVI core syllabus for nuclear cardiology and provides a grounding in the theoretical and practical aspects of radionuclide imaging techniques in cardiology.

Objectives:

The course will be suitable for all professionals involved in using or delivering a nuclear cardiology service, whether medical, nursing or technical and whether cardiology, nuclear medicine or radiology based. It is particularly suitable for specialty trainees wishing to gain basic experience and for those wishing to progress to independent reporting. The talks will be complimented by discussion of clinical cases in small groups to simulate live reporting experience.



This educational programme is accredited by the European Board for Accreditation in Cardiology (EBAC) for 16 credits

Scientific Programme

Day 1 – Thursday 17 November 2016

Chairperson : Richard Underwood

13:45 14:00 Introduction
14:00 14:30 Essential physics and instrumentation
14:30 15:00 Radiopharmaceuticals
15:00 15:30 Image acquisition & processing
15:30 15:50 **Coffee/tea break**

D. Neglia
R. Underwood
D. Neglia
(TBD)

Chairperson : Danilo Neglia

15:50 16:50 Introduction to reporting
16:50 17:50 Clinical cases

R. Underwood
D. Neglia

19:30 **Group Dinner**

Day 2 – Friday 18 November 2016

Chairperson : Richard Underwood

08:45 09:15 Stress techniques
09:15 09:45 Diagnosis of CAD
09:45 10:15 Diagnosis, comparison with other techniques
10:15 10:45 Prognosis with CAD

Eliana Reyes
(TBD)
Eliana Reyes
(TBD)

10:45 11:05 **Coffee/tea break**

11:05 11:50 Read with the Experts 1
11:50 12:35 Read with the Experts 2

O. Gaemperli, P. Knaapen, E. Reyes
O. Gaemperli, P. Knaapen, E. Reyes

12:35 13:15 **Lunch**

Chairperson: Eliana Reyes

13:15 13:45 Myocardial viability and hibernation
13:45 14:15 Monitoring chemotherapy
14:15 14:45 Imaging and arrhythmia
14:45 15:15 Can imaging influence clinical outcome?

R.Underwood
Alessia Gimelli
Paul Knappen
R. Underwood

15:15 15:35 **Coffee/tea break**

15:35 16:20 Read with the Experts 3
16:20 17:05 Read with the Experts 4

O. Gaemperli, P. Knaapen, E. Reyes
O. Gaemperli, P. Knaapen, E. Reyes

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Day 3 – Saturday 19 November 2016

Chairperson: Alessia Gimelli

08:45 09:10 Is ionising radiation harmful?
09:10 09:35 SPECT versus PET for perfusion imaging
09:35 10:00 Hybrid imaging
10:00 10:25 Inflammation and infection
10:25 10:50 Acute coronary syndromes

R. Underwood
(TBD)
Olivier Gaemperli
Alessia Gimelli
(TBD)

10:50 11:10 Coffee/tea break

Chairperson : Richard Underwood

11:10 12:10 Stump the Stars
12:10 12:55 Examination
12:55 13:00 Conclusion

Reyes, Underwood, Neglia
R. Underwood
Danilo Neglia

13:00 13:45 Lunch

End of course

