

Course Directors:

B. De Bruyne (BE), W.F. Fearon (USA), N.H.J. Pijls (NL)

Faculty:

E. Barbato (I), C. Berry (UK), W.M. Chilian (USA), N. Curzen (UK), D. Duncker (NL), N. Johnson (USA), A. Kirtane (USA), M.J. Kern (USA), B.K. Koo (Korea), K. Oldroyd (UK)

Scientific Programme

Thursday April 23

12:30-14:00: Lunch

14:00-14:10: Introduction and objectives of the course N.H.J. Pijls

Session 1. Setting the Stage

Chairpersons E. Barbato - NHJ Pijls

14:05-14:20: Structure of the coronary circulation W.F. Fearon
14:20-14:50: Regulation of coronary blood flow D. Duncker
14:50-15:05: A glossary for the interventionalist B. De Bruyne
15:05-15:20: Anatomy versus physiology N. Johnson
15:20-15:30: Discussion

15:30-16:00 Coffee Break

Session 2. Invasive Coronary Physiology: Practice

Chairpersons: WF Fearon-N. Curzen

16:00-16:30: FFR: theory and practical set up N.H.J. Pijls
16:30-16:50: FFR: hyperaemia and standardisation B. De Bruyne
16:50-17:10: FFR: pitfalls E. Barbato
17:10-17:20: Clinical example from Seoul B.K. Koo
17:20-17:40: Clinical Example from Naples E. Barbato
17:40-18:00: Discussion

20:00: Dinner

Friday 24 April

Session 3. FFR in Particular Patients Subsets (Part I)

Chairpersons: A. Kirtane-N. Johnson

09:00-09:10: FFR in diffuse disease and serial stenoses B. De Bruyne
09:10-09:25: FFR in LM disease W.F. Fearon
09:25-09:40: FFR in bifurcation B.K. Koo
09:40-9:55: FFR and CABG E. Barbato
9:55-10:05: FFR post PCI N.H.J. Pijls
10:05-10:15: Discussion

10:15-10:45: Coffee Break

Session 4. FFR in Particular Patients Subsets (Part II)

Chairperson: BK Koo

10:45-11:00: FFR in the diagnostic phase N. Curzen
11:00-11:15: FFR in acute coronary syndromes W.F. Fearon
11:15-11:30: FFR and valvular disease M.J. Kern

Session 5. FFR and Clinical Outcome: new lights on the FAME Trials

Chairpersons: A. Kirtane– B. De Bruyne

11:30-11:50: FFR in MVD N.H.J. Pijls
11:50-12:15: FFR-guided PCI vs Medical therapy E. Barbato
12:15-12:30: FFR-guide PCI vs CABG in MVD W.F. Fearon

12:-30-13:30-: Lunch

Session 6. Focus on the Coronary Microvasculature

Chairpersons: D. Duncker – M.J. Kern

13:30-14:00: The microvasculature: Structure/Function. W.M. Chilian
14:00-14:15: The microvasculature: Clinical importance. K. Oldroyd
14:15-14:30: IMR: the basics W.F. Fearon
14:30-14:45: IMR and STEMI patients: clinical outcome data C. Berry
14:45-15:00: IMR and Stable Patients: W.F. Fearon

15:00-15:30 Coffee Break

15:30-15:50: Absolute flow measurement: principles N.H.J. Pijls
15:50-16:05: Absolute flow measurements: first data B. De Bruyne
16:05-16:20: CFR/FFR/IMR discordance: Should we abandon CFR? W.F. Fearon

16:20-16:35: P_d/P_a , iFR, etc
16:35-16:50: Contrast FFR: Better than resting measures? N. Johnson
16:50-17:00: Discussion
17:00-17:30: The Future of Coronary Physiology A. Kirtane
17:30: Back to the hotel

Saturday 25 April

Session 7. Technical parade: New (and old) kids on the block

Chairpersons: N.H.J. Pijls – B. De Bruyne

09:00-09:15: St Jude Medical: Anything new? TBD
09:15-09:30: Volcano: Anything new? TBD
09:30-09:45: Boston Scientific: Back to the Fiber Optics Wire TBD
09:45-10:00: Opsense: From Oil Pipes to Coronary Arteries. TBD
10:00-10:15: ACCIST: a monorail Pressure catheter TBD
10:15-10:30: Nanomade: When molecules tell us the pressure. TBD
10:30-10:45: FFR_{CT}: Ready for prime time? N. Curzen
10:45-11:00: FFR_{CT}: beyond FFR B.K. Koo
11:00-11:15: Wrap-up B. De Bruyne

12:35: Lunch & back to Nice Airport