



PROGRAM DAY 1

- 14.00** Welcome from the conference directors
- 14.10-15.30** **SESSION - Advancement in Imaging technology in carotid and neurovascular imaging**
(Bruce A. Wasserman - Ajay Gupta - Stefano Marcia)
- 14.10** Photon Counting CT: preliminary experience
(Luca Saba)
- 14.25** Magnetic Resonance: high field and AI applications
(Vance Lehman)
- 14.45** Hybrid Imaging
(Eline Kooi)
- 15.00** Q/A session
- 15.15** **Expert panel challenge**
What should be the target of the technological evolution?
(Myram Edjlali - Bruce A. Wasserman - Eline Kooi - Jae Song)
- 15.30 - 16.45** **SESSION - Understanding the carotid and beyond**
(Chun Yuan - Nicoletta Anzalone - Jae Song)
- 15.30** Intraplaque hemorrhage and its role in plaque progression
(Chun Yuan)
- 15.45** Lipid composition: is there a role?
(Giles Roditi)
- 16.00** Carotid Plaque Evaluation for Low-Grade Stenosis
(Bruce A. Wasserman)
- 16.15** Stenosis and near-occlusion: from the past to the future
(Elias Johansson)
- 16.30** Intracranial and extracranial calcification: similarities and differences
(Daniel Bos)
- 16.45** **Expert panel challenge**
Old and new concepts: are there some barriers?
(Daniel Bos - Mahmud Mossa Basha - Massimo Caulo)
- 17.00 - 18.45** **SESSION - What are the information from the new Trials we have and we are expecting?**
(Ajay Gupta - Pierluigi Antignani - Peter Libby - Bruce A. Wasserman)
- 17.15** CREST-2
(James Meschia)
- 17.30** PARISK
(Eline Kooi)
- 17.45** CAPIAS
(Anna Kopczak)
- 18.00** CASCOM
(Anne Abbott)
- 18.15** ACST
(Alison Halliday)
- 18.30** Q/A session
- 18.45** Conclusion of the first day
- 19.00** Official opening
Aperitif-Dinner



DAY 2

8.00 Welcome second day – morning

8.15 – 9.30 **SESSION – CAD-RADS**
(Sara Seitun – Antonio Esposito – Pál Maurovich-Horvat)

8.15 The new CAD-RADS 2.0 classification
(Rodrigo Salgado)

8.30 10 Impact of plaque burden in CAD-RADS
(Nicola Galea)

8.45 The CAD-RADS modifier: the impact of myocardial ischemia
(Giuseppe Muscogiuri)

9.00 **Expert panel challenge**
CAD-RADS: The simplified therapeutic approach based on anatomy
(Antonio Esposito – Jeroen Bax)

9.30 – 10.00 **SESSION – The AI scenario**
(Nicola Galea – Vance Lehman)

9.30 Radiomic in atherosclerosis
(Carlo Nicola de Cecco)

9.45 Impact of AI in carotid imaging and stroke risk prediction
(Riccardo Cau)

10.00 Impact of AI in coronary imaging and prognostic model based on AI
(Pál Maurovich-Horvat)

10.15 **Expert panel challenge**
The impact of AI in clinical practice?
(Todd Villnies – Nicola Galea – Rodrigo Salgado)

10.30 – 12.00 **SESSION – Carotid revascularization: beyond the prevention of stroke**
(Pierluigi Antignani – Ajay Gupta – Simone Comelli – Gianluca De Rubeis)

10.30 Carotid revascularization beyond the prevention of stroke: the point of view of the vascular surgeons
(Giuseppe Lanzino)

10.45 The effects of revascularization on the higher neurological functions and cognition
(Anne Abbott)

11.00 The analysis of the effects on the cerebral functions with advanced imaging
(Michele Porcu)

11.15 Should we balance revascularization and drug approach by considering more than the ischemic stroke prevention
(Kosmas Paraskevas)

11.30 **Expert panel challenge**
The "cognition impact" could change the indications?
(Alison Halliday – Ales Blinc – Chun Yuan – Maurizio Melis – Francesca Romana Pezzella)

12.00 – 13.00 **SESSION – Carotid artery: multiple presentations, different vascular/endovascular strategies**
(Giuseppe Lanzino – Roberto Sanfilippo – Roberto Iezzi – Salvatore Masala)

12.00 Transcarotid Artery Revascularization (TCAR): Current state of the art
(Melinda Schaller)

12.15 The magic quartet: Proximal brain protection, dual-layer stent, radial approach and a bit of imaging
(Piero Montorsi)

12.30 Carotid stenting restenosis: a new field for drug-coated balloon treatment
(Simone Comelli)

12.45 Discussion

13.00 Light lunch

Welcome second day – afternoon

14.15 – 15.30 SESSION – The current knowledge in pathology and biology

(Gavino Faa – Roberta Montisci – Alison Halliday – Peter Libby)

14.15 Fundamental pathobiology of carotid atherosclerosis and clinical implications stroke prevention, management and therapeutical strategies
(Valentina Nardi)

14.30 Fundamental pathobiology of coronary atherosclerosis and implications for infarct prevention, management and therapeutical strategies
(Valentina Nardi)

14.45 Peri-vessel fat alterations: current knowledge and potential implications for the clinical practice
(Marco Guglielmo)

15.00 What are the missing points we do not understand in the pathobiology
(Peter Libby)

15.15 Q/A session

15.30 – 16.30 SESSION – Infarct and stroke: it is not matter of vessel stenosis

(Alison Halliday – Qi Yang – Giles Roditi – Maurizio Melis Kosmas Paraskevas)

15.30 Esus: when the non-stenotic carotid plaque is associated with stroke
(George Ntaios)

15.50 Coronary with plaque and no stenosis... and Myocardial infarct: imaging findings
(Antonio Esposito)

16.10 Interactions between FFR, plaque burden composition and non severe-stenosis
(Todd Villines)

16.30 Brain infarct: when it is due to direct intracranial artery pathology
(Danny Mandell)

16.50 Q/A session

17.00 SESSION – The changing Therapies in a changing world
(Bruno Loi – Peter Libby – James Meschia – Giuseppe Lanzino)

17.00 Intervention in carotid diseases. When and how?
(Ulf Hedin)

17.15 Carotid artery and stroke. What is the best approach: BMT? Counterpoint
(Anne Abbott)

**17.30 Expert panel challenge
Following the clues**
(Anna Kopczak – James Meschia)

17.45 Coronary artery and ischemic heart disease. What is the best approach: invasive? Point
(Piero Montorsi)

18.00 Coronary artery and ischemic heart disease. What is the best approach: BMT? Counterpoint
(Jeroen Bax)

**18.15 Expert panel challenge
Following the clues**
(Gianluca Pontone)

18.30 The honorary Lecture of the Fil Rouge – The current future: Photon Counting CT in carotid and coronary arteries
(Ricardo Budde)

19.00 Conclusion of the second day



DAY 3

- 8.15** Welcome third day – morning
- 8.30 – 10.00** **ROUND TABLE – Special session on carotid artery**
(Scott McNally – Ajay Gupta – Alessandro Carriero – Luca Saba
Tobias Saam – Riccardo Cau – Andreas Schindler – Anna Kopczak –
Mahmud Mossa Basha)
- 9.20** Q/A session
- 9.30** **Expert panel challenge**
Why it is necessary a new metric system ?
(James K. De Marco – Roberto Sanfilippo)
- 10.00 – 11.00** **SESSION – Coronary: what are the information from the new Trials we have and we are expecting?**
(Rozemary Vliegenthart – Gianluca Pontone – Alberto Boi)
- 10.00** DISCHARGE
(Nicola Galea)
- 10.10** SCOT-HEART
(Michele Porcu)
- 10.20** PARADIGM
(Filippo Cademartini)
- 10.30** PROMISE
(Gianluca Pontone)
- 10.40** **Expert panel challenge**
Clinical trials in Cardiac CT: the metamorphosis
(Antonio Esposito – Carlo Nicola de Cecco – Todd Villines)

- 11.00 – 12.00** **SESSION – Artery Calcium: and old story projected to the future?**
(Giuseppe Muscogiuri – Danny Mandell – Marco Guglielmo – Stefano Cossa)
- 11.00** Carotid Calcium: new evidences
(Song Jae)
- 11.15** Calcium score in primary prevention
(Rozemary Vliegenthart)
- 11.30** CAC score zero: from diagnosis to therapy
(Giuseppe Muscogiuri)
- 11.45** Calcified plaque–can we reassure the patient?
(Filippo Cademartini)
- 12.00** **Expert panel challenge**
Cardiac CT as a screening tool: are we ready for this step?
(Giuseppe Muscogiuri – Piero Montorsi – Jeroen Bax)
- 12.30** **Best poster/presentation (first, second and third) will be awarded (To be confirmed)**
- 12.45** **Remarks – summary – final points and next meeting information (October- 2025)**