



Le fil rouge

The fil rouge of atherosclerosis:

from brain
to heart imaging

CAGLIARI, 4th / 5th NOVEMBER 2021

President and Chair \ Luca Saba

**SECOND EDITION
INTERACTIVE WEBINAR**



Le fil rouge

President and Chair

Luca Saba

Scientific Directors

Luca Saba – Marco Francone

Max Wintermark – Ajay Gupta

Giuseppe Lanzino – Rodrigo Salgado



POSTER AND ORAL PRESENTATION SUBMISSION

Deadline October 15th 2021

Participants interested in making a poster presentation are invited to submit an abstract. To submit your abstracts you will need to send contact a word file to the following email fratherosclerosis@gmail.com

Accepted abstracts will be invited for presentation in one of the following formats:

- as an oral presentation in a dedicated session**
- as a poster presentation in the poster web exhibition space**

UNDER THE AUSPICES



FNOMCeO

Federazione Nazionale degli Ordini
dei Medici Chirurghi e degli Odontoiatri



**ORDINE DEI MEDICI CHIRURGI
E DEGLI ODONTOIATRI
DELLA PROVINCIA
DI CAGLIARI**



WITH THE UNCONDITIONAL SUPPORT OF



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ECM

Il corso è stato accreditato presso il Sistema ECM Nazionale per n. 100 partecipanti appartenenti alle seguenti categorie:

MEDICI CHIRURGHI appartenenti alle seguenti discipline:
anatomia patologica, anestesia e rianimazione, cardiologia, cardiocirurgia,
chirurgia generale, ematologia, medicina interna, neurochirurgia
oncologia, radioterapia, radiodiagnostica;

Id evento: **4582 - 328668**

Ore formative: **8** Crediti previsti: **12**

Responsabile Scientifico: **Prof. Luca Saba**

REGISTRATION

Registration for the conference is online at
www.metasardinia.it/eventi-scheda.asp?ide=178

Conference registration is free
Registration will remain open through November 3rd 11.59pm.

No late registrations will be available past that date

You will receive the useful credential for accessing
the Webinar platform on November 3rd



PROGRAM





PROGRAM DAY 1 CAROTID IMAGING

14.15 Welcome from the conference directors

14.30 SESSION 1

Extra-cranial Imaging: conventional imaging

Max Wintermark, Andrea Falini, Yang Qi, Maria Cova, J. David Spence

14.30 3D ultrasound: a first level technique, or much more?

Daniel Staub

14.45 Computed Tomography and DECT: what is the reproducibility and the level of comparison with histology?

Daniel Bos

15.00 Carotid vessel wall MRI?

Chun Yuan

15.15 Carotid and stroke: what is new from the Trials in 2019-2021 window?

Hooman Kamel

15.30 Q/A session

15.45 SESSION 2

Extra-cranial Imaging: new approaches

Cesare Colosimo, Aad van der Lugt, Kevin Demarco, Bruce A Wasserman, Stefano Marcia

15.45 PET/MRI and functional imaging in carotid artery scenario: what we can do and what we should do?

Eline Kooi

16.00 Invasive imaging for carotid artery: myth or reality?

Luis Savastano

16.15 Artificial Intelligence applied to carotid imaging: from detection to characterization and stratification

Thomas Weikert

16.30 Q/A session

16.45 **Expert panel challenge: Carotid imaging: how to optimize and what is the target?**

Multi-modality guided Expert panel

Ajay Gupta, Waleed Brinjikji, David Saloner, Myriam Edjlali

17.15 SESSION 3

Imaging and Therapies: guidelines and current insights. What is the correct therapeutical approach?

Giuseppe Lanzino, Nicoletta Anzalone, J. David Spence, Alessandro Carriero, Angelo Scuteri

17.15 Plaque progression and regression: tracking with imaging

John Huston III

17.30 Best Medical Treatment - current Guidelines and future options

Anne Abbott

17.45 Endovascular Therapy: how and when?

Colin Derdeyn



PROGRAM DAY 2 CORONARY IMAGING

- 18.00** Carotid Endarterectomy: the perspective of the vascular surgeons
Ulf Hedin
- 18.15** The future of best medical therapy: “treating arteries”, not merely treating risk factors
J. David Spence
- 18.20** Q/A session
- 18.30** **ROUND TABLE**
Old and new guidelines, potential of and information from imaging. What is the right strategy to optimize stroke prevention?
Multi-modality guided Expert panel
Pier Luigi Antignani, Tobias Saam, Hooman Kamel, Andrew Nicolaidis, Kosmas Paraskevas, Maurizio Conti, Simone Comelli, J. David Spence, Paolo Siotto, Roberto Sanfilippo
- 19.00** Conclusion of the first day

- 14.15** Welcome from the conference directors
- 14.30** **SESSION 4**
Vulnerable plaque and vulnerable patient: the fundamentals
Marco Francone, Massimo Midiri, Alexandros Kallifatidis, Filippo Crea, Gavino Faa
- 14.30** “Should we focus on the “vulnerable patient” or a “vulnerable plaque?”
Peter Libby
- 14.45** Atherosclerosis: similarities and differences between coronary and carotid arteries
Renu Virmani
- 15.00** From diagnosis to prognosis: which imaging biomarker?
Birgitta Velthuis
- 15.15** Q/A session
- 15.30** **ROUND TABLE**
Patient vulnerability, coronary stenosis atherosclerosis: what are the targets and tools?
Mariano Scaglione, Birgitta Velthuis, Bruno Loi, David J Maron, Filippo Cademartiri

15.45 SESSION 5

**Coronary plaque assessment:
imaging predicting histology**

Rodrigo Salgado, Antonio Esposito, Giles Roditi, Alberto Boi

15.45 Invasive imaging of coronary arteries: pro and cons
Alberto Boi

16.00 Coronary calcium score: its role in the present
and next future
Filippo Cademartiri

16.15 Non-invasive assessment of coronary atherosclerosis
Pál Maurovich-Horvat

16.30 CT Perfusion and FFR: how far from effective
invasive measurements?
Rozemarijn Vliegenthart

16.45 ROUND TABLE

**Stenosis, lesion load, vulnerability:
which impact on patient's management?**

Filippo Cademartiri, Christian Cadeddu, Ricardo Budde, Gorka Bastarrika

17.15 SESSION 6

**New trials, new targets and therapies:
guidelines and current insights.**

Gianluca Pontone, Pál Maurovich-Horvat, Marco Francone

17.15 Use of non-invasive imaging tools to guide therapy and
monitor pharmacological response
Gorka Bastarrika

17.30 Results from the recent trials: what imaging or therapies
should search for?
Ricardo Budde

17.45 ROUND TABLE

**Results from the trial and evidence from the imaging...
is there a fracture?**

*Gianluca Pontone, Carlo Nicola de Cecco, Maurizio Porcu,
Roberta Montisci, David J Maron*

18.00 Best poster (first second and third) will be awarded
(To be confirmed)

18.15 HONORARY LECTURE

**Coronary and carotid plaque imaging:
is a unifying vision necessary?**

Christian Loewe

18.45 Remarks – summary – final points and next meeting
information (October-November 2023)

19.00 Stop

FACULTY



FACULTY

Abbott Anne, *Australia*

Antignani Pier Luigi, *Italy*

Anzalone Nicoletta, *Italy*

Bastarrika Gorka, *Spain*

Boi Alberto, *Italy*

Bos Daniel, *Netherlands*

Brinjikji Waleed, *USA*

Budde Ricardo, *Netherlands*

Cadeddu Christian, *Italy*

Cademartiri Filippo, *Italy*

Carriero Alessandro, *Italy*

Colosimo Cesare, *Italy*

Comelli Simone, *Italy*

Conti Maurizio, *Italy*

Cova Maria, *Italy*

Crea Filippo, *Italy*

De Cecco Carlo Nicola, *Italy*

Demarco Kevin, *Switzerland*

Derdeyn Colin, *USA*

Edjlali Myriam, *France*

Esposito Antonio, *Italy*

Falini Andrea, *Italy*

Faa Gavino, *Italy*

Francone Marco, *Italy*

Gupta Ajay, *USA*

Hedin Ulf, *Sweden*

Huston John III, *USA*

Kallifatidis Alexandros, *Greece*

Kamel Hooman, *USA*

Kooi Eline, *Netherlands*

Kosmas Paraskevas, *UK*

Lanzino Giuseppe, *Italy*

Libby Peter, *USA*

Loewe Christian, *Austria*

Loi Bruno, *Italy*

Marcia Stefano, *Italy*

Maron David J, *USA*

Maurovich-Horvat Pal, *Hungary*

Midiri Massimo, *Italy*

Montisci Roberta, *Italy*

Nicolaides Andrew, *Cyprus*

Pontone Gianluca, *Italy*

Porcu Maurizio, *Italy*

Qi Yang, *China*

Roditi Giles, *Scotland*

Saam Tobias, *Germany*

Salgado Rodrigo, *Belgium*

Saloner David, *USA*

Sanfilippo Roberto, *Italy*

Savastano Luis, *USA*

Scaglione Mariano, *Italy*

Scuteri Angelo, *Cagliari*

Siotto Paolo, *Italy*

Spence J. David, *Canada*

Staub Daniel, *Switzerland*

Van der Lugt Aad, *Netherlands*

Velthuis Birgitta, *Netherlands*

Virmani Renu, *USA*

Vliegenthart Rozemarijn, *Netherlands*

Wasserman Bruce A., *USA*

Weikert Thomas, *Switzerland*

Wintermark Max, *USA*

Yuan Chun, *USA*



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Scientific secretariat

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