



European Independent Foundation
In Angiology/Vascular Medicine
Education, Research, Prevention

EUROPEAN ADVANCED COURSE IN ANGIOLOGY/VASCULAR MEDICINE
by: University of Milan in collaboration with VAS European Independent Foundation in Angiology/Vascular Medicine

The European Postgraduate Course is a unique Course finalized to create a European view on Angiology/Vascular Medicine, offering Lessons by the main experts in the different areas of this Specialty to international students.

The students will have both the necessary knowledges about physiopathology, diagnosis and therapy as well as epidemiological data on the trend and burden of the major vascular diseases, arterial, venous, lymphatic and of microcirculation.

They will also receive knowledges on major risk factors and up-dated therapies as well as on statistics necessary to interpret clinical trials and literature and to identify un-correct conclusions.

A module on Bioethics is enclosed, as a relevant part of the medical knowledges, even as vascular experts.

It is an E-Learning Course, in English, for MD

It is a Course integrated to the complex defined offer of European Educational and Recognitions.

With the Postgrad Course, Students will receive:

- Lessons on the main areas of Angiology/Vascular Medicine
- Up-dated literature and the Reference Text of the VAS European Book in Angiology/Vascular Medicine
- Free optional Participation to European Angiology Days, Annual Academic meetings
- The European Training Fellowship (ETF-VAS) that recognizes Postgraduate European /International Students active in Training both in Clinical and/or in Research
- Final University Certificate (University of Milan)

Modular organization:

- Students interested in continuing to follow a Tutorial and training Course are able to be included into the European Master Course by VAS.
- They will be able to follow the requested program in one or more of the selected European Centres
- The Tutorial and Training Course is a tailored Course, offering a complete training or a specific training of areas not already covered by the Student, after a general assessment of her/his competence/cv
- The European Master Course gives a European Master Course Certification
- This certification allows to apply for the CESMA-UEMS European Exam to obtain the UEMS European Diploma in Angiology/Vascular Medicine
- The UEMS European diploma is requested to apply for the European Fellowship of Excellence (EFE-VAS)

LESSONS

A

1. **Introduction to Moodle** and VAS-Campus Platform - M. Gianfranchi Star-t – VAS Campus- IT
2. **Biomedical Ethics**
 - a. Biomedical Ethics - Prof. G. Boniolo (con nota)
3. **Chronic non Communicable Diseases**
 - a. The Concept of Equity and the WHO prospective in Vascular and Cardiovascular Diseases – Prof. G. Galea WHO
 - b. Changing Vascular Mortality in middle age – Prof. R. Peto, University of Oxford - UK
 - c. The Process to the “European Citizen” in Medicine - Prof. M. Catalano – University of Milan – IT

B

4. **Microcirculation**
 - a. Diagnostic Procedures in Microcirculation – Prof. B. Fagrell, Karolinska Institute SE
 - *See also “Optional Lessons”*
 - Microcirculation in Clinical Research and Practice over four decades B. Fagrell SE
 - Microcirculation and Regulation of Tissue Perfusion B. Levi FR
 - Vasomotion M. Rossi IT
 - Microcirculatory Challenges in Diabetes and Obesity A. Shore UK
 - Toe Index in Microcirculation C. Manu, M.Edmonds UK
 - b. Vasospastic Disorders
 - Raynaud’s Phenomenon – Prof. P. Klein-Weigel - Klinikum EvB Posdam - DE
 - Erythromelalgia – Prof. P. Klein-Weigel - Helios Klinikum EvB Posdam – DE
 - *See also “Optional Lessons”*
 - Blood Flow Regulation in Microcirculation – Cor de Wit - DE
 - Capillaroscopy and its standardized criteria – V. Smith - BE
 - Role in Rheumatological Disease – M. Cutolo - IT
 - Clinical value in Vascular Disease – P. Klein-Weigel - DE
 - Capillaries and beyond in Metabolic Diseases – B. Houben - NL

C

5. **Venous Diseases**
 - a. CVI
 - Thermal Ablation of VV – Dr. C. Hamel-Desnos and Dr. JJ. Guex FR
 - Endovenous Treatment: the 3 Foam Sclerosing Techniques - Dr. C. Hamel-Desnos and Dr. JJ. Guex FR
 - US Guided foam Sclerotherapy - Dr. C. Hamel-Desnos and Dr. JJ. Guex FR

- *See also “Optional Lessons”*
 - Venous Ulcers – Dr. E. Petherick UK

b. TED

- Arterial and Venous Thrombosis – Prof. G. Gerotziafas ISF/Sorbone FR

- *See also “Optional Lessons”*

- Hormonal Replacement Therapy and VTE – PM. Sandset - UK
- Risk and Prophylaxis in Pregnancy – G. Gerotziafas - FR
- Pulmonary embolism in Women – J. Bartholomew - USA
- Diagnosis and Treatment of DVT in Pregnancy – M. Kozak - SL
- How to Monitor Treatment and Intensity in Anticoagulation – R. Malmstrom SE
- Therapeutic Market Arena – R. Malmstrom SE
- New Anticoagulants – G. Gerotziafas – FR

D

6. Vascular Ulcers

- a. Vascular Ulcers for GP – Prof. A. Stanek, Prof. G. Marakomichelakis - Medical University of Silesia in Katowice PL and Evangelismos Gen. Hosp, Athens GR
- b. Vascular Ulcers - Prof. A. Stanek, Prof. G. Marakomichelakis - Medical University of Silesia in Katowice PL and Evangelismos Gen. Hosp, Athens GR

- *See also “Optional Lessons”*

- Arterial and Venous Disease : connections – N. Evans USA
- Genetics of Chronic Venous Disease – E. Fukaya USA
- The Burden and Social Cost of CVI and Venous Ulcers - I. Durand-Zaleski - FR
- Pathophysiology of Venous Ulcers - P. Wennberg USA
- Postphlebotic Syndrome : management – B. Cosmi – IT
- Tested and New Therapeutic Options for Venous Ulcers- A. Stanek PL

7. Lymphedema

- a. Lymphedema Diagnosis – Dr. G. Dimitrov – Angiology Unit H Sacco IT
- b. Lymphedema Management – Dr. G. Dimitrov – Angiology Unit H Sacco IT

E

8. Arterial Diseases

- a. Abdominal Aortic Aneurism – Dr. C. Canning, Prof. MP. Colgan – University of Dublin IRL
- b. Aortic Dissection – Prof. D. Erer University of Gazi TK
- c. PAD
 - Global Burden of Lower extremity Artery Disease. Update – Prof. G. Fowkes – University of Edinburgh UK
 - PAD and Rehabilitation - S. De Marchi, M. Prior – University of Verona IT
 - PAD Clinical Aspects and Prognosis – Prof. M. Catalano – University of Milan IT
 - PAD Diagnosis and Therapy - Prof. M. Catalano – University of Milan IT
 - Interventional Therapy in Arterial Diseases – Prof. G. Cornalba and Prof. R. Carraffiello – University of Milan
 - Antiplatelets and Anticoagulants, in Vascular Diseases – Prof. J. Fareed – University of Chicago - USA

- *See also “Optional Lessons”*
- Fibromuscular Dysplasia and Spontaneous Coronary Artery Dissection- Prof. H. Gornik – USA
- Vascular Aging in Women – Prof. N. Hamburg – USA
- PAD: Epidemiological Data in Women – Prof. M. Kavousi – NL
- Management of PAD in Women – Prof. A. Pollak – USA
- Novel Strategies for Exercise Therapy in Women - Prof. D. Treat-Jacobson - USA

- d. Buerger’s Disease – Prof. B. Fazeli University of Mashhad IRN
- e. Cerebrovascular Diseases

- *See also “Optional Lessons”*
 - Epidemiology of Stroke – Prof. Xin Hua Zhang China

F

9. Vascular Diseases of the Gastrointestinal Tract

- a. Gastrointestinal Side Effect of Anticoagulant Treatment parts 1/2/3– Prof. G. Maconi – University of Milan IT

G

10. Vascular Ultrasounds

- a. Abdominal Arteries – Prof. C. Thalhammer – University of Berna – CH
- b. Vascular Ultrasounds Peripheral Veins – Prof. R. Matthies – AT

H

11. Risk Factors

- a. Vascular Issues in Type 2 Diabetes – Prof. M. Sprynger – University of Liege- BE
- b. Diet and Vascular Diseases – Dr. A. Schiavetta – S. Corona H - IT
- c. Update in Arterial Hypertension – Prof. C. Vlachopoulos – University of Athens - GR

I

12. Statistics

- a. EBM Last Mile – Prof. P. Duca, University of Milan - IT
- b. Diagnostic Test Accuracy – Prof. G. Casazza, University of Milan – IT
- c. Sample Size Calculation for Clinical Trials - Prof. G. Casazza, University of Milan – IT

L

13. Miscellaneous

OPTIONAL LESSONS

30 PROPOSED LESSONS

Conflict of Interest Declaration

VAS has collected COI of the VAS European /International Teaching Panel and guarantees independence from any link, pressure economic, political or of any other nature.

Independence of Education is one of the main VAS Ethic Commitments that are published inside the VAS European Book on Angiology/Vascular Medicine (and reported below).

16th European Angiology Days

From 29th November to 1st December Academic Meeting (Pineta Busto Arsizio, VA)

The EADays are part of the program as an Optional participation. No registration fees are requested for the Students of this Course. EACCME requested.



EACME CREDITS REQUESTED

