



UniSR
Università Vita-Salute
San Raffaele



I.R.C.C.S. Ospedale
San Raffaele
Gruppo San Donato



AORTIC SURGERY

PERIPHERAL & VENOUS

H T D I

HOW TO DO IT

2022

10th INTERNATIONAL CONGRESS

Chairmen

Roberto Chiesa, Germano Melissano

Ospedale San Raffaele, Milano

Università Vita-Salute San Raffaele, Milano

WORKSHOPS



Thursday
December 15th



Friday
December 16th



Saturday
December 17th



HOME

NINA ROOM

14.15-18.15

**HANDS-ON WORKSHOP ON SIMULATORS
“TURNING REVAR INTO AN ELECTIVE EVAR”**

Workshop aimed at improving the outcomes of treatment of RAAA

Convenors: Isabelle Van Herzeele, Zoran Rancic

Co-Convenors: Barend Mees, Anders Wanhainen

OBJECTIVES

This workshop is designed for physicians seeking to improve the outcomes in patients presenting with a ruptured infrarenal abdominal aortic aneurysm (RAAA). During the workshop, a standardized protocol to manage RAAA will be shared, the toolkit needed and procedural steps in endoclamping will be explained and practiced. The importance of the TEAM approach to manage RAAA successfully will be addressed and discussed.

TOPICS

- RAAA protocol including permissive hypotension
- Procedural steps for endoclamping
- REVAR using the double balloon technique
- TEAM approach during RAAA management

TARGET AUDIENCE

- Vascular surgeons
- Vascular surgery residents

NUMBER OF PARTICIPANTS

- 12

IN COLLABORATION WITH

Medtronic



◀ **HOME**

SAN LUIGI ROOM

14.15-18.15

HANDS-ON WORKSHOP

“PHYSICIAN MODIFIED ENDOVASCULAR DEVICES”

FBEVAR using custom-made devices is frequently required for aortic aneurysms with difficult anatomy. In urgent cases or when immediate repair is required, modified devices are an effective method to design the required endograft for the repair.

The steps for planning and modification of devices will be reviewed in detail.

Convenor: Carlos Timaran

Co-Convenors: Andrea Kahlberg, Daniela Mascia, Diletta Loschi, Enrico Rinaldi

OBJECTIVES

- Become familiar with the planning for FBEVAR using modified devices
- Understand the steps to modify a device
- Incorporate additional adjuncts required for arch endovascular repairs

TOPICS

Modification of devices for thoracoabdominal repairs and for total endovascular arch repairs

TARGET AUDIENCE

- Vascular specialists performing endovascular aortic repair

NUMBER OF PARTICIPANTS

- 8



◀ **HOME**

PINTA ROOM

08.30-10.30

WORKSHOP

“UNDERSTANDING PROFESSIONAL GUIDELINES”

How do international Society Guidelines affect our everyday clinical practice.

Convenor: Anders Wanhainen

OBJECTIVES

The convenor will share with the participants his experience as member of the committee for Society Guidelines of ESVS

TOPICS

- Methodology: how ESVS guidelines are constructed
- Overview in current activities and visions in ESVS
- The rules of implementation, how to put them in practice
- Lessons learnt from ESVS guidelines for descending thoracic aorta, abdominal aorta, carotid and infections.

TARGET AUDIENCE

- Medical doctors

NUMBER OF PARTICIPANTS

- 15



HOME

NINA ROOM

10.00-11.30

WORKSHOP

“HOW TO WRITE A PAPER... THAT GETS PUBLISHED”

How to prepare a scientific paper and obtain its publication in one of the best peer-reviewed journals, taught by an Editor.

Convenor: Olivier Goëau-Brissonnière

OBJECTIVES

To get your research published in a scientific journal you must have something important to say but also know how to present it. Reviewers want to be able to assess quickly whether a paper is worthy of publication and the structure and readability of the paper is important for the vascular community.

TOPICS

- How to approach the various sections of a scientific paper - abstract, introduction, methods, results, discussion and references
- How to write case reports and general reviews
- The publishing process - the role of the editor, of reviewers, of the publisher, house style
- In which journal?
- Which future for electronic publishing

TARGET AUDIENCE

- Medical doctors

NUMBER OF PARTICIPANTS

- 15



14.45-16.30

HANDS-ON WORKSHOP

“PERIPHERAL REVASCULARIZATION WITH THE OMNIFLOW GRAFT”

Practical course aimed at providing the skills for the surgical treatment of peripheral artery diseases with the Omniflow graft.

Convenor: Enrico Rinaldi

OBJECTIVES

The training will be focused on lifelike cases performed on models. It will be structured on a step-by-step learning of different techniques under the supervision of experienced tutors. At the end of the course participants will be able to use the Omniflow graft for peripheral revascularization.

TOPICS

- Surgical treatment for peripheral artery diseases
- How to prepare the Omniflow graft
- When and how to use the Omniflow graft for peripheral revascularization

TARGET AUDIENCE

- Vascular surgeons
- Vascular surgery residents

NUMBER OF PARTICIPANTS

- 6

IN COLLABORATION WITH





14.45-16.45

**HANDS-ON WORKSHOP ON SIMULATORS
“PRACTICAL SKILLS FOR ENDOVASCULAR
TREATMENT OF PAD”**

Convenor: Andrea Kahlberg

Co-Convenors: Gian Franco Veraldi, Luca Mezzetto

OBJECTIVES

The aims of the workshop are:

- To acquire an up-to-date general knowledge on endovascular treatment options for PAD treatment
- To develop the technical skills in order to achieve a successful endovascular treatment for PAD

TOPICS

- Endovascular treatment options for PAD treatment
- Practical cases discussion
- Training on simulators

TARGET AUDIENCE

- Vascular surgeons
- Angiologists
- General surgeons
- Vascular surgery residents

NUMBER OF PARTICIPANTS

- 8

IN COLLABORATION WITH





HOME

PINTA ROOM

14.45-16.45

ROUND TABLE

“How to overcome gender biases in vascular surgery”

This session will integrate three short lectures about gender disparities in the vascular workplace and leadership/female role models. Next, a round table discussion including testimonies of female vascular surgeons across Europe: what is their story, what challenges have they faced, what opportunities did they come across and what are their priorities for the future.

We would love to learn from one another, share experiences and be happy to support each other clinically, academically and within various vascular societies.

Convenors: Isabelle Van Herzeele, Irene Morelli

Co-Convenors: Tina Cohnert, Francesca Maria de Vecchi, Bianca Pane, Fiona Rohlfes, Sonia Ronchey, Flavia Valtorta, Maarit Veneermoo

TOPICS

- Gender disparities in vascular surgery
- Inappropriate behaviour in the vascular workplace
- Personal testimonies from female vascular colleagues across Europe
- Leadership and female role models

TARGET AUDIENCE

- Medical Doctors



16.30 – 18.15

HANDS-ON WORKSHOP

“CAROTID ENDARTERECTOMY”

Practical course aimed at providing the skills for the surgical treatment of carotid endarterectomy.

Convenor: Enrico Rinaldi

OBJECTIVES

The training will be focused on lifelike cases performed on models and will give the opportunity to acquire manual and cognitive competences. It will be structured on a step-by-step learning of basic and complex techniques under the supervision of experienced tutors. At the end of the course participants will be able to perform different techniques of carotid endarterectomy on models.

TOPICS

- Surgical treatment for carotid artery stenosis
- Different techniques of carotid endarterectomy

TARGET AUDIENCE

- Vascular surgeons
- Vascular surgery residents

NUMBER OF PARTICIPANTS

- 8

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HOME

**VASCULAR SURGERY
OUTPATIENT CLINIC**

08.15 – 10.15

**HANDS-ON WORKSHOP
CAROTID DUPLEX ULTRASOUND**

Practical execution of carotid duplex ultrasound on pathological patients. Evaluation of carotid plaque. Study of the flow and percentage of stenosis. The vertebral artery and pathological findings.

Convenor: Domenico Astore

OBJECTIVES

At the end of the workshop participants will be able to perform carotid duplex ultrasound.

TOPICS

- What is the PRF and how to adjust it
- How to correct the aliasing
- Steering and theta angle
- IMT and how it can be calculated
- Echogenicity and regularity of plaque surface
- Diameter of stenosis: morphological and fluximetric criteria
- Vertebral flow: subclavian steal, hypoplasia, distal occlusion, stenosis

TARGET AUDIENCE

- Vascular surgeons
- Angiologists
- Cardiologists
- General surgeons
- Vascular surgery residents

NUMBER OF PARTICIPANTS

- 5



◀ **HOME**

PINTA ROOM

09.00 – 11.00

WORKSHOP

“Deep venous stenting”

Indications, techniques, tips & tricks and current evidence.

Convenors: Houman Jalaie, Domenico Baccellieri

OBJECTIVES

At the end of the course participants will be able to identify ideal cases for stenting, to perform stenting procedures, to know how to build a deep vein reconstructive center.

TOPICS

- Definition, etiology and pathophysiology of venous obstruction
- Current guidelines for Venous Stenting
- How to build a multidisciplinary deep vein reconstructive center
- Indication and patients selection for stenting
- Materials, tips tricks for venous recanalization
- Stenting in post-thrombotic syndrome
- Stenting in NIVL

TARGET AUDIENCE

- Vascular surgeons
- Angiologists
- Vascular surgery residents
- Medical Doctors
- Phlebologist
- Interventional Radiologist

NUMBER OF PARTICIPANTS

- 15

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SEDA S.p.A.



◀ **HOME**

NINA ROOM

09.00 – 11.00

HANDS-ON WORKSHOP

“FOAM SCLEROTHERAPY: FROM AESTHETIC TO FUNCTIONAL DISEASE”

An interactive (theoretical and practical) workshop regarding advanced information about foam sclerotherapy.

Convenors: Marcelo Liberato de Moura, Attilio Cavezzi

OBJECTIVES

At the end of the course participants will be able to perform pre-treatment duplex ultrasound exam and to prepare and inject sclerosant foam properly and safely in daily practice.

TOPICS

- Pre-sclerotherapy colour-duplex investigation: theory and practice on a patient with varicose vein
- How to make and inject sclerosant foam: theory and practice
- Foam in aesthetic phlebology
- Post-sclerotherapy compression therapy (C1 to C6)

TARGET AUDIENCE

- Vascular surgeons
- Angiologists
- Vascular surgery residents

NUMBER OF PARTICIPANTS

- 15



◀ **HOME**

**VASCULAR SURGERY
OUTPATIENT CLINIC**

10.45 – 12.45

**HANDS-ON WORKSHOP
VENOUS DUPLEX ULTRASOUND**

Practical execution of venous duplex ultrasound on pathological patients. Evaluation of deep venous circle. Great and short saphenous vein incompetence. Venous mapping of the lower limb.

Convenor: Domenico Astore

OBJECTIVES

At the end of the workshop participants will be able to perform venous duplex ultrasound.

TOPICS

- What is the PRF and how to adjust it
- How to correct the aliasing
- Steering and theta angle
- DVT and CUS
- Post thrombotic syndrome
- Great and short saphenous vein incompetence
- Perforating vein incompetence
- Venous mapping of the lower limb

TARGET AUDIENCE

- Vascular surgeons
- Angiologists
- General surgeons
- Vascular surgery residents

NUMBER OF PARTICIPANTS

- 5



◀ **HOME**

OVIDIO ROOM

11.00 – 13.00

WORKSHOP

“MECHANOCHEMICAL ABLATION FOR SUPERFICIAL VENOUS INSUFFICIENCY”

Indications, techniques, tips & tricks and current evidence

Convenors: Mattia Mirandola, Andrea Griso

OBJECTIVES

At the end of the course participants will be able to identify ideal cases for mechanochemical ablation, to perform correctly a MOCA procedure and to optimize the postprocedural treatment and follow-up.

TOPICS

- Indication to mechanochemical ablation
- How to do a MOCA procedure
- MOCA for GSV and SSV
- Literature review on MOCA results

TARGET AUDIENCE

- Medical Doctors
- Vascular Surgeons
- Phlebologists

NUMBER OF PARTICIPANTS

- 20

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◀ **HOME**

PINTA ROOM

11.15 – 13.15

WORKSHOP

“REMOVE CLOT, RESTORE FLOW”

Treating the full range of DVT Chronicity - the experience with the ClotTriever system

Convenor: Efthymios Avgerinos

OBJECTIVES

At the end of the course participants will be able to identify ideal cases for mechanical thrombectomy, to perform correctly a ClotTriever procedure and to optimize the postprocedural treatment and follow-up.

TOPICS

- Indication and patient selection for thrombectomy
- Tips & tricks for venous recanalization
- Learn about the ClotTriever mechanism of action
- Discuss acute and subacute DVT cases from European centres
- Get familiar with the latest CLOUT Registry results

TARGET AUDIENCE

- Medical Doctors
- Vascular Surgeons
- Phlebologists
- Interventional Radiologists

NUMBER OF PARTICIPANTS

- 20

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