







#### 11<sup>th</sup> INTERNATIONAL CONGRESS

# SCIENTIFIC PROGRAM

Chairmen Roberto Chiesa, Germano Melissano Ospedale San Raffaele, Milano Università Vita-Salute San Raffaele, Milano

#### WEDNESDAY, DECEMBER 11TH





#### MILANO - ITALY DECEMBER 11<sup>th</sup> - 13<sup>th</sup>, 2024

# www.aorticsurgery.it



| 08.00-08.57 | SESSION 1<br>Superficial venous<br>Moderators: Edoardo Cervi<br>Andrea Gaggiano<br>Aleksandra Jaworucka-Kaczorowska                                |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 08.01       | Edited Video Case<br>Sclerotherapy with superfoam<br>Presenter: Enric Roche                                                                        |
| 08.06       | High intensity focused ultrasound (HIFU) for the treatment of varicose veins and venous leg ulcers <b>Speaker: Rubén Rodriguez Carvajal</b>        |
| 08.12       | Factors influencing recurrences after radiofrequency thermal ablation <b>Speaker: Vincenzo Ardita</b>                                              |
| 08.18       | Randomized clinical trial comparing cyanoacrylate<br>glue closure with thermal ablation and surgical<br>stripping<br><b>Speaker: Manj S. Gohel</b> |
| 08.24       | Social impact of sclerotherapy for complicated varicose veins <b>Speaker: Marcelo Liberato de Moura</b>                                            |
| 08.30       | Sclerotherapy with dense polidocanol foam in saphenous and tributary veins. Long-term results <b>Speaker: Federico Araujo Oliveira</b>             |
| 08.36-08.44 | Discussion                                                                                                                                         |
| 08.45-08.57 | Keynote Lecture<br><b>ARMANDO MANSILHA</b><br>Should GSV/SSV tributaries be always treated in<br>truncal vein ablation/removal?                    |

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- Keynote Lecturers are allowed 12 minutes for their lecture.
- Speakers are allowed 5 minutes for their talk.
- Presenters are allowed 4 minutes for their edited video case.



| 09.00-10.07 | SESSION 2<br>Pelvic venous disorders<br>Moderators: Domenico Baccellieri<br>Houman Jalaie<br>Mattia Mirandola       |
|-------------|---------------------------------------------------------------------------------------------------------------------|
| 09.01       | Edited Video Case<br>Pelvic vein embolization<br>Presenter: Suat Doganci                                            |
| 09.06       | Pelvic congestion syndrome - diagnosis and treatment strategies <b>Speaker: Benjamin Chua</b>                       |
| 09.12       | Gonadal vein and pelvic venous reservoir<br>embolization<br><b>Speaker: Marald Wikkeling</b>                        |
| 09.18       | Optimal technique for sclerotherapy of vulval varicosities<br>Speaker: Aleksandra Jaworucka-Kaczorowska             |
| 09.24       | Embolization techniques for erectile dysfunction<br>Speaker: Rubén Rodriguez Carvajal                               |
| 09.30       | Open surgery is still the gold standard for<br>nutcracker syndrome<br><b>Speaker: Alejandro Rodriguez Morata</b>    |
| 09.36       | Outcomes of left renal vein stenting in patients<br>with nutcracker syndrome<br><b>Speaker: Efthymios Avgerinos</b> |
| 09.42-09.54 | Discussion                                                                                                          |
| 09.55-10.07 | Keynote Lecture<br>YOUNG M. ERBEN<br>Treatment of nutcracker syndrome with                                          |



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- Presenters are allowed 4 minutes for their edited video case.



| 10.10-11.12 | <b>SESSION 3</b><br><b>Deep vein thrombosis</b><br>Moderators: Efthymos Avgerinos<br>Paolo Zamboni<br>TBD                                          |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 10.11       | Edited Video Case<br>Single session thrombectomy for extensive<br>femoro-ilio-caval DVT<br>Presenter: Michael Lichtemberg                          |
| 10.16       | Cather directed interventions for pulmonary<br>embolism<br><b>Speaker: Rabih Chaer</b>                                                             |
| 10.22       | Thromboaspiration in pulmonary embolism<br><b>Speaker: Denis Rossato</b>                                                                           |
| 10.28       | Venous thromboembolization pharmacological treatment: what is new in 2024? <b>Speaker: Eduardo Ramacciotti</b>                                     |
| 10.34       | Thrombolysis and thromboaspiration for DVT<br><b>Speaker: Jos C. van den Berg</b>                                                                  |
| 10.40       | Computed assisted vacuum thrombectomy for DVT <b>Speaker: TBD</b>                                                                                  |
| 10.46       | Anatomical disease classification to optimize decision making and outcomes for deep venous recanalization procedures <b>Speaker: Houman Jalaie</b> |
| 10.52-10.59 | Discussion                                                                                                                                         |
| 11.00-11.12 | Keynote Lecture<br><b>ENRICO ASCHER</b><br>Fast-track protocol for extensive acute venous<br>thrombosis: from the common iliac to the popliteal    |



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- Speakers are allowed 5 minutes for their talk.

vein

• Presenters are allowed 4 minutes for their edited video case.



| 11.15-12.17 | SESSION 4<br>Compressive venous disease<br>Moderators: Alessia Giaquinta<br>Dimitrios Kontothanassis<br>Michael Lichtemberg                     |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 11.16       | Edited Video Case<br>Stenting for May-Thurner syndrome<br>Presenter: Rubén Rodriguez Carvajal                                                   |
| 11.21       | Technical approach to venous stenting in non-thrombotic iliac vein lesions patient <b>Speaker: Suat Doganci</b>                                 |
| 11.27       | Pregnancy and venous stenting<br>Speaker: Mert Dumantepe                                                                                        |
| 11.33       | The role of IVUS in non-thrombotic iliac vein<br>lesions<br><b>Speaker: Mattia Mirandola</b>                                                    |
| 11.39       | Endovascular treatment of venous occlusion:<br>from May-Thurner to hypoplasia of the IVC<br><b>Speaker: Jos C. van den Berg</b>                 |
| 11.45       | When and how to manage patients presenting with acute DVT and underlying culprit lesion <b>Speaker: Efthymios Avgerinos</b>                     |
| 11.51       | The need of a new dedicated caval stent <b>Speaker: Stephen A. Black</b>                                                                        |
| 11.57-12.04 | Discussion                                                                                                                                      |
| 12.05-12.17 | Keynote Lecture<br><b>MANJ S. GOHEL</b><br>Treatment of non-thrombotic iliac vein lesions in<br>C3-C6 disease is supported by clinical evidence |

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| 12.20-13.17 | <b>SESSION 5</b><br><b>Post-thrombotic syndrome</b><br>Moderators: Mert Dumantepe<br>Maurizio Ronconi<br>Pierfrancesco Veroux                                      |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12.21       | Edited Video Case<br>Treatment of chronic ilio-caval occlusion<br>Presenter: Nicola Favia                                                                          |
| 12.26       | Different stents for different anatomies<br><b>Speaker: Michael Lichtemberg</b>                                                                                    |
| 12.32       | Primary and invasive ilio-caval tumors – what do<br>the current vascular techniques have to offer in<br>this challenging cases?<br><b>Speaker: Arno von Ristow</b> |
| 12.38       | Different approaches to improve the inflow in PTS patients<br><b>Speaker: Domenico Baccellieri</b>                                                                 |
| 12.44       | Quality of life after stenting for iliofemoral venous obstruction: a randomised controlled trial <b>Speaker: Houman Jalaie</b>                                     |
| 12.50       | The impact of chronic ilio-caval occlusion on patients cardiac function <b>Speaker: TBD</b>                                                                        |
| 12.56-13.04 | Discussion                                                                                                                                                         |
| 13.05-13.17 | Keynote Lecture<br>STEPHEN A. BLACK<br>Maintenance of stent patency for the life of a<br>patient                                                                   |



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| 14.15-15.27 | <b>SESSION 6</b><br><b>Classic vs new vascular techniques</b><br>Moderators: Mohamed Hosny<br>Irene Morelli<br>Andrea Stella         |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 14.16       | Edited Video Case<br>Upper arm vascular access<br>for hemodialysis: tips & tricks<br>Presenter: Matteo Bossi                         |
| 14.21       | Below the knee stenting in chronic<br>limb-threatening ischemia: from bail out to<br>primary strategy<br><b>Speaker: Marco Manzi</b> |
| 14.27       | Recent advancements in vascular access surgery <b>Speaker: Matteo Tozzi</b>                                                          |
| 14.33       | Disease specific stent in the treatment of long SFA<br>occlusion<br><b>Speaker: Gianbattista Parlani</b>                             |
| 14.39       | Is there still a role for the chimney technique in pararenal aortic aneurysm?<br>Speaker: Filippo Benedetto                          |
| 14.45       | Experimental study on a sutureless and clampless side arterio-prosthetic anastomotic device <b>Speaker: Yves S. Alimi</b>            |
| 14.51       | Advanteges of new generation fenestrated<br>endografts<br><b>Speaker: Sonia Ronchey</b>                                              |
| 14.57       | Techniques for orbital atherectomy<br><b>Speaker: Mariano Palena</b>                                                                 |

15.03-15.14 **Discussion** 

#### 15.15-15.27 Keynote Lecture JANET POWELL A core outcome set for AAA repair

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| 15.30-16.32 | SESSION 7<br>Peripheral arterial disease<br>Moderators: Benjamin Chua<br>Stefano Pirrelli<br>Carlo Setacci                                                 |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15.31       | Edited Video Case<br>Open distal and ultra-distal<br>revascularization, including extreme<br>solutions for no-option patients<br>Presenter: Gonçalo Cabral |
| 15.36       | The rational of usage of drug eluting technologies:<br>the Catania experience<br><b>Speaker: Alessia Giaquinta</b>                                         |
| 15.42       | Treatment of pediatric Takayasu disease<br>Speaker: James Tunnicliffe                                                                                      |
| 15.48       | Update on the management of no-option peripheral artery disease <b>Speaker: Stefano Bartoli</b>                                                            |
| 15.54       | The end of the smoking era – what next for<br>vascular patients?<br><b>Speaker: Michael Jenkins</b>                                                        |
| 16.00       | Surgical deep vein arterialization for no-option critical limb ischemia patients <b>Speaker: Francesco Stilo</b>                                           |
| 16.06       | 36-month update and health economic snapshot<br>Zilverpass Study<br><b>Speaker: Gianmarco de Donato</b>                                                    |
| 16.12-16.19 | Discussion                                                                                                                                                 |
| 16.20-16.32 | Keynote Lecture                                                                                                                                            |

#### EDUARDO RAMACCIOTTI

Update in anticoagulant and antiplatelet therapy for peripheral arterial disease

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| 16.35-17.37 | <b>SESSION 8</b><br>Vascular trauma and other aortic topics<br>Moderators: Luca di Marzo<br>Paolo Frigatti<br>Carlos Timaran                 |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 16.36       | Edited Video Case<br>Update on management of traumatic<br>aortic injury<br>Presenter: Ali Azizzadeh                                          |
| 16.41       | Management of catastrophic iatrogenic vascular injuries in abdominal and pelvic surgery <b>Speaker: Morad Sallam</b>                         |
| 16.47       | Addressing health inequity with the WARRIORS<br>trial (early EVAR vs surveillance for small AAA in<br>women)<br><b>Speaker: Janet Powell</b> |
| 16.53       | Is EVAR perioperative mortality the wrong measure of quality? - It's time for a new approach <b>Speaker: Ian Loftus</b>                      |
| 16.59       | Non atherosclerotic aneurysms<br>Speaker: Michel S. Makaroun                                                                                 |
| 17.05       | Outcomes of leaving the celiac trunk without a stent during 4 vessel fenestrated repair <b>Speaker: Timothy Resch</b>                        |
| 17.11       | The vascular surgeon in oncologic surgery <b>Speaker: Pedro Amorim</b>                                                                       |
| 17.17-17.24 | Discussion                                                                                                                                   |
| 17.25-17.37 | Keynote Lecture<br>ERICA MITCHELL                                                                                                            |



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| 17.40-18.52 | SESSION 9Arterial topicsModerators:Ronald L. Dalman<br>Gianfranco Fadda<br>Arnaldo Ippoliti                                                |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 17.41       | Edited Video Case<br>Thoraco-abdominal aneurysm repair in Oslo<br>Presenter: Beate R. Lindberg                                             |
| 17.46       | A hybrid approach to the treatment of large popliteal artery aneurysms <b>Speaker: Enrico Ascher</b>                                       |
| 17.52       | Improving the outcomes of patients with acute mesenteric ischemia <b>Speaker: Rabih Chaer</b>                                              |
| 17.58       | Endovascular treatment of hostile necks with standard endograft <b>Speaker: Paolo Frigatti</b>                                             |
| 18.04       | Update on randomized trial for SMA stenting of visceral ischemia <b>Speaker: Timothy Resch</b>                                             |
| 18.10       | Risk stratification for SCI after endovascular<br>thoraco-abdominal repair using sarcopenia and<br>AS-score<br><b>Speaker: Tilo Kölbel</b> |
| 18.16       | Sarcopenia in TAAA open surgery<br><b>Speaker: Enrico Rinaldi</b>                                                                          |
| 18.22       | F/B-EVAR: choosing the right bridging stent <b>Speaker: Andrea Kahlberg</b>                                                                |
| 18.28-18.39 | Discussion                                                                                                                                 |

#### 18.40-18.52 Keynote Lecture HENCE VERHAGEN Dealing with sac growth after EVAR: should we treat Type 2 EL, extend the sealing zone with

FEVAR or is there something else going on?



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| 08.00-09.02 | SESSION 10Complications prevention & managementModerators:Stefano BonardelliFrancesco TalaricoHence Verhagen                   |
|-------------|--------------------------------------------------------------------------------------------------------------------------------|
| 08.01       | Edited Video Case<br>Aortic graft infections:<br>what is the best treatment?<br>Presenter: Franco Grego                        |
| 08.06       | Lessons learned from 100 aortic graft infections<br>Speaker: Morad Sallam                                                      |
| 08.12       | A tailored approach for prevention of Type II EL in<br>EVAR<br><b>Speaker: Gianluca Faggioli</b>                               |
| 08.18       | Starting a complex aortic program in a resource-constrained environment <b>Speaker: James Tunnicliffe</b>                      |
| 08.24       | The role of open surgery as both an adjunct and bailout for branched and fenestrated procedures <b>Speaker: Bijian Modarai</b> |
| 08.30       | Resolving the challenges of EVAR related thrombosis with new technologies <b>Speaker: Mauro Gargiulo</b>                       |
| 08.36       | Prevention of incisional hernia in major abdominal surgery<br><b>Speaker: Michele Carlucci</b>                                 |
| 08.42-08.49 | Discussion                                                                                                                     |
| 08.50-09.02 | Keynote Lecture                                                                                                                |

#### **ANDERS WANHAINEN**

Treatment of aortic graft/stent graft infections: results from a large national cohort study, including the management of infected fenestrated/branched arch/TAAA stent grafts

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| 09.05-10.07 | <b>SESSION 11</b><br>Arch and thoraco-abdominal aortic aneurysm<br>Moderators: Roberto Di Bartolomeo<br>Heinz Jakob<br>Valerio Tolva                                                                   |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09.06       | Edited Video Case<br>Aortic arch endografting with<br>inverted branches<br>Presenter: Marcelo Ferreira                                                                                                 |
| 09.11       | Evergreen trial: preliminary outcomes of a<br>prospective trial using double homemade<br>fenestrated stent-graft for total endovascular<br>repair of the aortic arch<br><b>Speaker: Ludovic Canaud</b> |
| 09.17       | FEVAR and BEVAR after aortic arch surgical repair <b>Speaker: Raffaele Pulli</b>                                                                                                                       |
| 09.23       | Aortic arch multibranched endografts are not<br>harmless! Patterns suggesting complications and<br>ways to avoid them<br><b>Speaker: Nikolaos Tsilimparis</b>                                          |
| 09.29       | Preferred options for arch aneurysms<br>Speaker: Joseph S. Coselli                                                                                                                                     |
| 09.35       | A minimally invasive approach for treating thoracic<br>aortic pathologies<br><b>Speaker: Pierfrancesco Veroux</b>                                                                                      |
| 09.41       | Landing zone zero for TEVAR: the ultimate options <b>Speaker: José Fernando Teixeira</b>                                                                                                               |
| 09.47-09.54 | Discussion                                                                                                                                                                                             |
|             |                                                                                                                                                                                                        |

#### 09.55-10.07 Keynote Lecture **FRANCESCO MAISANO** Surgical and trans-catheter valve interventions: from index to lifetime management

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| 10.10-11.12 | SESSION 12<br>Complex aortic procedures<br>Moderators: Gaetano Lanza<br>Michel S. Makaroun<br>Maurizio Taurino                                                        |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10.11       | Edited Video Case<br>Complex endovascular treatment<br>of aortic disease: branched TAAA<br>Presenter: Tomasz Jakimowicz                                               |
| 10.16       | Impact of fenestration size on outcomes <b>Speaker: Mark A. Farber</b>                                                                                                |
| 10.22       | Impact of bridging stent design in complex aortic procedures <b>Speaker: Michele Antonello</b>                                                                        |
| 10.28       | Modern management of ruptured abdominal aortic<br>aneurysms<br><b>Speaker: Benjamin Starnes</b>                                                                       |
| 10.34       | The US experience of an off-the-shelf PTFE single branch endograft for aortic arch disease <b>Speaker: Gustavo S. Oderich</b>                                         |
| 10.40       | Unibody bifurcated fenestrated and branched<br>endografts: an efficient and cost-effective way<br>to treat complex aortic aneurysms<br><b>Speaker: Carlos Timaran</b> |
| 10.46       | Standardized fenestrated PMEG for complex abdominal aortic aneurysms <b>Speaker: Michele Piazza</b>                                                                   |
| 10.52-10.59 | Discussion                                                                                                                                                            |
| 11.00-11.12 | Keynote Lecture                                                                                                                                                       |

#### **JAMES BLACK** Open and endo options for patient with genetic aortopathies

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| 11.15-11.54 | INAUGURATION CEREMONY                                                                                |  |
|-------------|------------------------------------------------------------------------------------------------------|--|
| 11.15-11.43 | WELCOMING ADDRESSES                                                                                  |  |
| 11.44-11.54 | Honorary Lecture<br><b>STEPHEN GREENHALGH</b><br>The history of vascular surgery that I've witnessed |  |



| 11.55-12.57 | SESSION 13<br>Aortic dissection<br>Moderators: Joseph S. Coselli<br>Nicola Mangialardi<br>Giovanni Pratesi                                                                                                      |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11.56       | Edited Video Case<br>Management of the root in aortic dissection<br>Presenter: Davide Pacini                                                                                                                    |
| 12.01       | Entry and re-entry tear orientated repair of acute<br>Type A dissection<br><b>Speaker: Aung Ye Oo</b>                                                                                                           |
| 12.07       | Late worst outcome (10 years) of the<br>Type B – thoracic aortic dissection is associated<br>with increased metabolic activity identified by<br>PET/CT<br><b>Speaker: Natzi Sakalihasan</b>                     |
| 12.13       | The SUNDAY trial – Scandinavian trial on<br>uncomplicated Type B dissection therapy<br><b>Speaker: Kevin Mani</b>                                                                                               |
| 12.19       | Advantages and limitations of transcatheter<br>electrosurgical septotomy for post-dissection<br>TAAA<br><b>Speaker: Carlos Timaran</b>                                                                          |
| 12.25       | Normothermic frozen elephant trunk<br><b>Speaker: Marco Di Eusanio</b>                                                                                                                                          |
| 12.31       | The Lobato technique for complicated acute<br>Type B aortic dissection with thoraco-abdominal<br>aortic aneurysm and total true lumen occlusion<br>of the infrarenal aorta<br><b>Speaker: Armando C. Lobato</b> |

12.37-12.44 **Discussion** 

#### 12.45-12.57 Keynote Lecture JOSEPH V. LOMBARDI

Using the new SVS/STS reporting standards, how has that changed our definition of uncomplicated and how are high risk features helping management?

#### 13.00-13.44 LUNCH

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| 13.45-14.47 | SESSION 14Aortic arch & dissectionModerators:Ottavio AlfieriJohn A. ElefteriadesMauro Gargiulo                                                                               |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13.46       | Edited Video Case<br>Synchronous repair for acute Type A aortic<br>dissection and abdominal rupture of normal<br>aorta: a challenging case<br>Presenter: Gabriele Piffaretti |
| 13.51       | Neurological complications after surgery for Type A aortic dissection <b>Speaker: Mark Field</b>                                                                             |
| 13.57       | Retrograde dissection after TEVAR for Type B<br>aortic dissection<br><b>Speaker: Davide Pacini</b>                                                                           |
| 14.03       | The new device for aortic arch reconstruction and clinical practice <b>Speaker: Chang Shu</b>                                                                                |
| 14.09       | Management of LSA and aberrant vertebral artery<br>in aortic arch surgery<br><b>Speaker: Aung Ye Oo</b>                                                                      |
| 14.15       | How can we deal with distal sealing in aortic<br>dissections?<br><b>Speaker: Jean-Marc Alsac</b>                                                                             |
| 14.21       | A more biocompatible approach to fix local aortic<br>defects with a patch: work in progress<br><b>Speaker: Vicente Riambau</b>                                               |
| 14.27-14.34 | Discussion                                                                                                                                                                   |

#### 14.35-14.47 Keynote Lecture **MARTIN CZERNY** The 2024 EACTS/STS guidelines on acute and chronic diseases of the organ aorta

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| 14.50-15.52 | SESSION 15<br>Aortic dissection (STABILISE technique)<br>Moderators: Joseph V. Lombardi<br>Giovanni Rossi<br>Santi Trimarchi                |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 14.51       | Edited Video Case<br>Multistep hybrid approach to chronic<br>dissecting thoraco-abdominal aneurysms<br>Presenter: Paolo Frigatti            |
| 14.56       | Volumetric analysis in primary and residual Type B<br>aortic dissection after endovascular treatment<br><b>Speaker: Alessandro Molinari</b> |
| 15.02       | The impact of the STABILISE technique on the patency of the spinal arteries <b>Speaker: Luis Mendes Pedro</b>                               |
| 15.08       | Contemporary outcomes from aortic dissection are poor and demand centralisation of care <b>Speaker: Ian Loftus</b>                          |
| 15.14       | Unfavourable outcomes of medical treatment of acute Type B aortic dissection: when and why <b>Speaker: Fabio Verzini</b>                    |
| 15.20       | Treatment of acute potentially complicated dissections, some of them with STABILISE technique <b>Speaker: Igor Koncar</b>                   |
| 15.26       | The STABILISE registry Speaker: Daniele Mascia                                                                                              |
| 15.32-15.39 | Discussion                                                                                                                                  |
| 15.40-15.52 | Keynote Lecture<br>FIRAS F. MUSSA                                                                                                           |

IMPROVE-AD: 10000 scans later. AI, CFD, and 4D MR/CT: how imaging substudy will change the way we treat all aortic disease

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| 15.55-16.57 | SESSION 16Organ protectionModerators:Dittmar BöcklerDiletta LoschiFelice Pecoraro                                          |
|-------------|----------------------------------------------------------------------------------------------------------------------------|
| 15.56       | Edited Video Case<br>EVAR with CO2-angiography only<br>for kidney injury prevention<br>Presenter: Stefano Michelagnoli     |
| 16.01       | Spinal cord injury prevention<br><b>Speaker: Gustavo S. Oderich</b>                                                        |
| 16.07       | Preservation of the hypogastric arteries in complex aortic procedures <b>Speaker: Fiona Rohlffs</b>                        |
| 16.13       | Minimize the occurrence of spinal cord ischemia<br>during TEVAR<br><b>Speaker: Alessia Giaquinta</b>                       |
| 16.19       | Validation of the accuracy of motor evoked potentials in open TAAA surgery <b>Speaker: Michael Jacobs</b>                  |
| 16.25       | Aortic stiffness and cardiac function after open or endovascular aortic aneurysm treatment <b>Speaker: Antonio Freyrie</b> |
| 16.31       | New updates in PAPA ARTIS trial<br>Speaker: Christian D. Etz                                                               |
| 16.37-16.44 | Discussion                                                                                                                 |
| 16.45-16.57 | Keynote Lecture<br>JOSEPH S. COSELLI                                                                                       |



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| 17.00-18.12 | <b>SESSION 17</b><br><b>Thoraco-abdominal aortic aneurysm</b><br>Moderators: Nabil Chakfè<br>Michael Jacobs<br>Fabio Verzini                                                                                  |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17.01       | Edited Video Case<br>FET: how we do it<br>Presenter: Alessandro Castiglioni                                                                                                                                   |
| 17.06       | Off-the-shelf fenestrated arch repair with a scallop<br>and a single preloaded fenestration could be<br>better than off-the-shelf single branch repair for<br>the LSA<br><b>Speaker: Nikolaos Tsilimparis</b> |
| 17.12       | Risk of interval aortic events between staged<br>aortic procedures<br><b>Speaker: Bernardo C. Mendes</b>                                                                                                      |
| 17.18       | T-branch in TAAA - pitfalls and complications <b>Speaker: Benjamin Chua</b>                                                                                                                                   |
| 17.24       | Ascending aorta and aortic arch surgery as first stage for endo or open repair of TAA and TAAA <b>Speaker: Angelo L. Nobre</b>                                                                                |
| 17.30       | How to cope with bleeding in FET surgery <b>Speaker: Heinz Jakob</b>                                                                                                                                          |
| 17.36       | Inner branches endografts for TAAA<br><b>Speaker: Marcelo Ferreira</b>                                                                                                                                        |
| 17.42       | Long-term outcomes of FEVAR for pararenal aneurysms; 15-year experience in Nürenberg <b>Speaker: Eric Verhoeven</b>                                                                                           |
| 17.48-17.59 | Discussion                                                                                                                                                                                                    |

#### 18.00-18.12 Keynote Lecture **GUSTAVO S. ODERICH** Large prospective endo TAAA effectiveness

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| 07.45-08.14 | <b>ROUND TABLE</b><br>Unmet needs for new technologies in aortic<br>disease<br>Moderator: Vicente Riambau |                                                                                                   |
|-------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|             | Panellists:                                                                                               | Giancarlo Accarino<br>Federico Araujo Oliveira<br>Mohamed Hosny<br>Armando C. Lobato<br>Jimmy Tan |



| 08.15-09.17 | <b>SESSION 18</b><br><b>Aortic genetics &amp; other interesting topics</b><br>Moderators: Antonio Freyrie<br>Massimo Lenti<br>Gustavo S. Oderich                                                                           |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08.16       | Edited Video Case<br>Standardized PMEG to treat urgent<br>complex AAA<br>Presenter: Carlos Timaran                                                                                                                         |
| 08.21       | How an inner branch graft can be a useful<br>tool in the treatment of juxta and pararenal<br>aortic aneurysm; could it be an alternative of a<br>fenestrated graft?<br><b>Speaker: Giovanni Pratesi</b>                    |
| 08.27       | Open repair of AAA with a fast track protocol:<br>results in octogenarians<br><b>Speaker: Efrem Civilini</b>                                                                                                               |
| 08.33       | Total transfemoral access is associated with<br>improved outcomes compared to upper extremity<br>access during fenestrated-branched endovascular<br>repair of complex aortic aneurysms<br><b>Speaker: Grace C. Mulatti</b> |
| 08.39       | Endovascular treatment of complex aortic diseases<br>in patients with genetic aortopathy: results from an<br>international multicenter study<br><b>Speaker: Anders Wanhainen</b>                                           |
| 08.45       | Connective tissue disorders in the EVICTUS era <b>Speaker: James Black</b>                                                                                                                                                 |
| 08.51       | Transcriptomics in Marfan syndrome<br><b>Speaker: Alessandro Pini</b>                                                                                                                                                      |
|             |                                                                                                                                                                                                                            |

08.57-09.04 Discussion

09.05-09.17 Keynote Lecture JOHN A. ELEFTERIADES Indications for aortic replacement: moving beyond size



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| 09.20-10.32 | <b>SESSION 19</b><br><b>Supra-aortic / Carotid arteries</b><br>Moderators: Young M. Erben<br>Gianluca Faggioli<br>Francesco Intrieri |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 09.21       | <b>Edited Video Case</b><br>Surgical resection of carotid body tumor<br><b>Presenter: Dittmar Böckler</b>                            |
| 09.26       | TCAR is less cost efficient than CEA<br>Speaker: Michel S. Makaroun                                                                  |
| 09.32       | Early post-operative outcome after carotid artery endoarterectomy with bifucarcation advancement <b>Speaker: Zoran Rancic</b>        |
| 09.38       | Carotid revascularization after acute cerebral ischemia. Is it possible? Is it safe? <b>Speaker: Arno von Ristow</b>                 |
| 09.44       | Routine delayed shunting in carotid<br>endarterectomy for symptomatic patients<br><b>Speaker: Irene Morelli</b>                      |
| 09.50       | Carotid in-stent restenosis: predictors and best therapeutic approach <b>Speaker: Jacques Busquet</b>                                |
| 09.56       | Optimal treatment for carotid artery dissection <b>Speaker: Felice Pecoraro</b>                                                      |
| 10.02       | Meta-analysis of data on a dual layer micromesh<br>carotid stent<br><b>Speaker: Giovanni Mastrangelo</b>                             |
| 10.08-10.19 | Discussion                                                                                                                           |

#### 10.20-10.32 Keynote Lecture IGOR KONCAR Stratification AI tool for patients with carotid disease



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| 10.35-11.37 | <b>SESSION 20</b><br><b>EVAR complicated / Ruptured AAA</b><br>Moderators: Stefano Michelagnoli<br>Erica Mitchell<br>Pasqualino Sirignano                                                       |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10.36       | Edited Video Case<br>Type IV TAAA open repair<br>Presenter: Laurent Chiche                                                                                                                      |
| 10.41       | Managing Type III C endoleak<br><b>Speaker: Mark A. Farber</b>                                                                                                                                  |
| 10.47       | Survey on diagnosis. Management and prevention of Type II endoleak Speaker: Kevin Mani                                                                                                          |
| 10.53       | Endograft explantation: is semi-conversion an option?<br>Speaker: Benjamin Starnes                                                                                                              |
| 10.59       | Comparing the ESVS and SVS AAA guidelines:<br>what is new and different in 2024<br><b>Speaker: Ronald L. Dalman</b>                                                                             |
| 11.05       | Waiting time reduction for custom-made<br>fenestrated-branched endovascular endografts<br>through dedicated physician-specialist<br>web-meeting case planning<br><b>Speaker: Michele Piazza</b> |
| 11.11       | Prognostic risk score for open repair of<br>ruptured AAA<br><b>Speaker: Raffaella Berchiolli</b>                                                                                                |
| 11.17-11.24 | Discussion                                                                                                                                                                                      |
| 11.25-11.37 | Keynote Lecture                                                                                                                                                                                 |

#### **MICHEL S. MAKAROUN** Open conversion for failed EVAR



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| 11.40-12.42 | SESSION 21<br>Advancements in diagnosis<br>Moderators: Francesco De Cobelli<br>Bijian Modarai<br>Giovanni Simonetti                                       |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11.41       | Edited Video Case<br>Enhancing outcomes of endovascular<br>treatment for acute Type B dissection<br>through IVUS guidance<br>Presenter: Francesco Setacci |
| 11.46       | Change of thoracic geometry after treatment by<br>TEVAR<br><b>Speaker: Mariangela De Masi</b>                                                             |
| 11.52       | Dual-layer spectral CT for the aorta<br><b>Speaker: Massimo Venturini</b>                                                                                 |
| 11.58       | Use of optical fiber guidance to reduce radiation<br>exposure during complex endovascular aortic<br>procedures<br><b>Speaker: Frédéric Cochennec</b>      |
| 12.04       | Endovascular treatment of pulmonary embolism:<br>how I do it<br><b>Speaker: Gianpaolo Carrafiello</b>                                                     |
| 12.10       | Coronary CT for patients with TAAA<br>Speaker: Antonio Esposito                                                                                           |
| 12.16       | Advancing TEVAR treatment through computational analysis aneurysms <b>Speaker: Santi Trimarchi</b>                                                        |
| 12.22-12.29 | Discussion                                                                                                                                                |
| 12.30-12.42 | Keynote Lecture                                                                                                                                           |

#### **THANILA A. MACEDO** State-of-the-art imaging for follow up in patients with aortic endovascular interventions

#### 12.45-12.54 WINNERS OF THE YOUNG INVESTIGATORS COMPETITION

#### 12.55-13.44 LUNCH

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| 13.45-14.47 | SESSION 22<br>Aorta & peripheral arteries<br>Moderators: Enrico Ascher<br>Giovanni Colacchio<br>Sonia Ronchey                                                                    |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13.46       | Edited Video Case<br>Neoaortoiliac system – how I do it<br>Presenter: James Black                                                                                                |
| 13.51       | Update on BeGlory registry with >300 CERAB<br>cases<br><b>Speaker: Barend Mees</b>                                                                                               |
| 13.57       | CERAB in 2024: how to do it? The next step <b>Speaker: Nilo Mosquera</b>                                                                                                         |
| 14.03       | DEB in peripheral arterial angioplasty:<br>state-of-the-art and indications<br><b>Speaker: Gian Franco Veraldi</b>                                                               |
| 14.09       | Durability of FEVAR over 20 years – is it getting<br>better?<br><b>Speaker: Michael Jenkins</b>                                                                                  |
| 14.15       | Endovascular treatment of obstructive aorto-iliac<br>lesion with covered stent<br><b>Speaker: Giovanni Nano</b>                                                                  |
| 14.21       | Long-term outcomes after treatment<br>of femoro-popliteal disease with paclitaxel-eluting<br>stents: a multicenter real-world study<br><b>Speaker: Claudio Bianchini Massoni</b> |
| 14.27-14.34 | Discussion                                                                                                                                                                       |
| 14.35-14.47 | Keynote Lecture<br>ERIC VERHOEVEN                                                                                                                                                |

The 10 most important lessons I learnt after 30 years of vascular surgery



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| 14.50-16.02 | SESSION 23<br>Aortic procedures<br>Moderators: Stefano Camparini<br>Franco Grego<br>To be defined                                                                                    |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14.51       | Edited Video Case<br>Aortic trauma in young patient:<br>the cardiovascular long term remodeling<br>Presenter: Valerio Tolva                                                          |
| 14.56       | Type III endoleaks: prevention, diagnosis,<br>treatment<br><b>Speaker: Nabil Chakfè</b>                                                                                              |
| 15.02       | Treatment option for juxta and pararenal<br>aneurysms. Results of a muticenter study<br>and meta-analysis<br><b>Speaker: Lazar B. Davidovic</b>                                      |
| 15.08       | Abdominal aortic aneurysm in women<br><b>Speaker: Armando C. Lobato</b>                                                                                                              |
| 15.14       | Renal branches x-crossing outcomes in<br>endovascular treatment of aortic aneurysms<br>using off the shelf branched graft<br><b>Speaker: Wassim Mansour</b>                          |
| 15.20       | Midterm results on iliac branch devices for<br>aorto-iliac or isolated iliac aneurysms: the<br>experience from a multicenter south Italy registry<br><b>Speaker: Umberto Bracale</b> |
| 15.26       | i-BEVAR off the shelf device in chronic aortic<br>dissection with narrow true lumen<br><b>Speaker: Giovanni Tinelli</b>                                                              |
| 15.32       | Comparative long-term results and<br>cost-effectiveness of iliac branch endoprostheses<br>procedures<br><b>Speaker: Andrea Kahlberg</b>                                              |
| 15.38-15.49 | Discussion                                                                                                                                                                           |
| 15.50-16.02 | Keynote Lecture<br><b>RONALD L. DALMAN</b><br>Update on AAA disease clinical trials                                                                                                  |

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| 16.05-17.12 | SESSION 24<br>Complex aortic aneurysms<br>Moderators: Barend Mees<br>Flavio Peinetti<br>Raffaele Pulli                                                 |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16.06       | Edited Video Case<br>Hybrid stent grafting technique<br>for hostile renal arteries in BEVAR<br>Presenter: Enrico Gallitto                              |
| 16.11       | Edited Video Case<br>Endovascular treatment of an aortic<br>arch residual dissection<br>Presenter: Michele Antonello                                   |
| 16.16       | Open repair of juxtarenal aortic aneurysm repair<br><b>Speaker: Dittmar Böckler</b>                                                                    |
| 16.22       | Value of standardized chimney technique for<br>juxtarenal aortic aneurysm repair: indications,<br>limits, and results<br><b>Speaker: Rocco Giudice</b> |
| 16.28       | Best choice in bridging stent-grafts for branches <b>Speaker: Eric Verhoeven</b>                                                                       |
| 16.34       | Semi branches: new alternative for the treatment of the complex aortic aneurysms<br>Speaker: Jorge Fernandez Noya                                      |
| 16.40       | Physician modified endografts – when, why and how?<br>Speaker: Bernardo C. Mendes                                                                      |
| 16.46       | Bailout strategies after failed BEVAR of PMEG with chimneys and periscopes <b>Speaker: Fernando Gallardo</b>                                           |

16.52-16.59 Discussion

#### 17.00–17.12 Keynote Lecture BENJAMIN STARNES Physician modified endografts are here to stay: my philosophy and approach

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| 17.15-18.09 | SESSION 25Difficult problems and solutionsModerators:Domenico Angiletta<br>Raffaello Bellosta<br>Horatiu Moldovan                                                 |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17.16       | Edited Video Case<br>Erectile Dysfunction - Arterial stenting<br>and venous leak embolization techniques<br>Presenter: Benjamin Chua                              |
| 17.21       | Tips & tricks for removing infected aortic<br>endografts<br><b>Speaker: Laurent Chiche</b>                                                                        |
| 17.27       | Extensive pulmonary resections with great vessels involvement <b>Speaker: Giulia Veronesi</b>                                                                     |
| 17.33       | The endoluminal treatment for challenge anatomy of the AAA<br>Speaker: Chang Shu                                                                                  |
| 17.39       | Endovascular repair for popliteal artery aneurysm with a non specific device <b>Speaker: Enrico Leo</b>                                                           |
| 17.45       | The true significance of Type II endoleaks<br><b>Speaker: Salma El Batti</b>                                                                                      |
| 17.51       | Genicular arteries embolization for refractory pain treatment <b>Speaker: Benjamin Chua</b>                                                                       |
| 17.57       | New interwoven double mesh nitinol stent for<br>femoro-popliteal disease: preliminary results from<br>the CURRENT registry<br><b>Speaker: Gianmarco de Donato</b> |

#### 18.03-18.09 Discussion

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| 18.10-19.04 | <b>SESSION 26</b><br><b>Type B aortic dissection and EVAR</b><br>Moderators: Laurent Chiche<br>To be defined                                                     |  |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 18.11       | Edited Video Case<br>Open repair of chronic Type B<br>dissection repair: is there still a role?<br>Presenter: Yamume Tshomba                                     |  |
| 18.16       | Management of Type A aortic dissection with malpersuion: how to improve survival <b>Speaker: Jimmy Tan</b>                                                       |  |
| 18.22       | Insight from an Italian Delphi Consensus on EVAR<br>feasibility outside the instruction for use - The<br>SAFE EVAR Study<br><b>Speaker: Pasqualino Sirignano</b> |  |
| 18.28       | Long-term results of F/BEVAR in young and fit patients: are we facing a new gold standard for patients with complex aortic aneurysm?<br>Speaker: Ciro Ferrer     |  |
| 18.34       | Renal perfusion for suprarenal aortic clamping <b>Speaker: Diletta Loschi</b>                                                                                    |  |
| 18.40       | Gender-related differences in Type B aortic dissection <b>Speaker: Alice C. Lopes</b>                                                                            |  |
| 18.46       | Preliminary outcomes of chronic Type B aortic dissections treated with fenestrated stent-graft <b>Speaker: Stefano Gennai</b>                                    |  |
| 18.52       | Hybrid technique for arterial closure on large bore introducers <b>Speaker: Filippo Maioli</b>                                                                   |  |

#### 19.05-19.10 Closing Remarks

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