



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA  
DIPARTIMENTO DI  
SCIENZE MEDICHE E CHIRURGICHE



SERVIZIO SANITARIO REGIONALE  
EMILIA-ROMAGNA  
Azienda Ospedaliero - Universitaria di Bologna  
IRCCS Istituto di Ricovero e Cura a Carattere Scientifico

POLICLINICO DI **SANT'ORSOLA**

# 2023

# TECHNOLOGIES ENDOVASCULAR ARTERIAL REPAIR

Bologna (Italy)  
December 11-12, 2023  
Royal Hotel Carlton

*Under the auspices of*



**SICVE**  
SOCIETÀ ITALIANA DI CHIRURGIA  
VASCOLARE ED ENDOVASCOLARE



## FACULTY

- Abualhin Mohammad** (Bologna, Italy)
- Aho Pekka** (Helsinki, Finland)
- Ancetti Stefano** (Bologna, Italy)
- Antonello Michele** (Padua, Italy)
- Bartoli Stefano** (Rome, Italy)
- Benedetto Filippo** (Messina, Italy)
- Bertoglio Luca** (Brescia, Italy)
- Blessing Erwin** (Hamburg, Germany)
- Bonardelli Stefano** (Brescia, Italy)
- Bracale Umberto Marcello** (Naples, Italy)
- Chakfé Nabil** (Strasbourg, France)
- Chiche Laurent** (Paris, France)
- Chiesa Roberto** (Milan, Italy)
- Chisci Emiliano** (Florence, Italy)
- Cirillo Luigi** (Bologna, Italy)
- D'Oria Mario** (Trieste, Italy)
- De Borst Gert Jan** (Utrecht, The Netherlands)
- De Donato Gianmarco** (Siena, Italy)
- De Vries Jean Paul** (Groningen, The Netherlands)
- Debus Sebastian** (Hamburg, Germany)
- Di Marzo Luca** (Rome, Italy)
- Eckstein Hans-Henning** (Munich, Germany)
- Esposito Giovanni** (Naples, Italy)
- Faggioli Gianluca** (Bologna, Italy)
- Faggion Aaron Thomas** (Florence, Italy)
- Fazzini Stefano** (Rome, Italy)
- Fernandez Prendes Carlota** (Munich, Germany)
- Ferraresi Roberto** (Milan, Italy)
- Ferrer Ciro** (Rome, Italy)
- Freyrie Antonio** (Parma, Italy)
- Gaggiano Andrea** (Turin, Italy)
- Gallitto Enrico** (Bologna, Italy)
- Gargiulo Mauro** (Bologna, Italy)
- Grego Franco** (Padua, Italy)
- Halliday Alison** (Oxford, United Kingdom)
- Haulon Stephan** (Paris, France)
- Ippoliti Arnaldo** (Rome, Italy)
- Isernia Giacomo** (Perugia, Italy)
- Kahlberg Andrea Luitz** (Milan, Italy)
- Karelis Angelos** (Malmo, Sweden)
- Kölbel Tilo** (Hamburg, Germany)
- Kolh Philippe** (Liège, Belgium)
- Lanza Gaetano** (Castellanza, Italy)
- Lenti Massimo** (Perugia, Italy)
- Lepidi Sandro** (Trieste, Italy)
- Mallios Alexandros** (Paris, France)

**Mangialardi Nicola** (*Rome, Italy*)

**Mansilha Armando** (*Porto, Portugal*)

**Manzi Marco** (*Abano Terme, Italy*)

**Marrozzini Cinzia** (*Bologna, Italy*)

**Mascoli Chiara** (*Bologna, Italy*)

**Mauro Raffaella** (*Bologna, Italy*)

**Melissano Germano** (*Milan, Italy*)

**Micari Antonio** (*Messina, Italy*)

**Michelagnoli Stefano** (*Florence, Italy*)

**Mirza Aleem** (*Houston, USA*)

**Modarai Bijan** (*London, United Kingdom*)

**Monami Matteo** (*Florence, Italy*)

**Nano Giovanni** (*Milan, Italy*)

**Naylor Ross** (*Leicester, United Kingdom*)

**Palmerini Tullio** (*Bologna, Italy*)

**Paraskevas Kosmas** (*Athens, Greece*)

**Pasquinelli Gian Andrea** (*Bologna, Italy*)

**Pecoraro Felice** (*Palermo, Italy*)

**Peinetti Flavio** (*Aosta, Italy*)

**Perini Paolo** (*Parma, Italy*)

**Piffaretti Gabriele** (*Varese, Italy*)

**Pini Rodolfo** (*Bologna, Italy*)

**Pratesi Giovanni** (*Genoa, Italy*)

**Provitera Paxton** (*New York, USA*)

**Pulli Raffaele** (*Florence, Italy*)

**Rancic Zoran** (*Zurich, Switzerland*)

**Ronchey Sonia** (*Rome, Italy*)

**Ruotolo Carlo** (*Naples, Italy*)

**Saia Francesco** (*Bologna, Italy*)

**Schwindt Arne** (*Munster, Germany*)

**Sirignano Pasqualino** (*Rome, Italy*)

**Spath Paolo** (*Rimini, Italy*)

**Stabile Eugenio** (*Potenza, Italy*)

**Stella Andrea** (*Bologna, Italy*)

**Taurino Maurizio** (*Rome, Italy*)

**Tozzi Matteo** (*Varese, Italy*)

**Trimarchi Santi** (*Milan, Italy*)

**Troisi Nicola** (*Pisa, Italy*)

**Tshomba Yamume** (*Rome, Italy*)

**Tsilimparis Nikolaos** (*Munich, Germany*)

**Vacirca Andrea** (*Bologna, Italy*)

**Venermo Maarit** (*Helsinki, Finland*)

**Veraldi Gian Franco** (*Verona, Italy*)

**Veroux Pierfrancesco** (*Catania, Italy*)

**Verzini Fabio** (*Turin, Italy*)

**Zamboni Paolo** (*Ferrara, Italy*)



# DECEMBER 11<sup>th</sup> 2023

## 09.00 Introduction

**M. Gargiulo** (Bologna), **G.A. Pasquinelli** (Bologna)

## 09.15

### SESSION 1 ONGOING ISSUES IN CEREBRO-VASCULAR DISEASE

**Chairpersons: H.H. Eckstein** (Munich), **GL. Faggioli** (Bologna), **G. Lanza** (Castellanza)

High-on-treatment platelet reactivity in carotid artery stenting

**M. Lenti** (Perugia)

Are dual-layer stents effective in ameliorating the results of carotid artery revascularization?

**A. Schwindt** (Munster)

Timing of carotid artery revascularization after an acute ischemic event

**R. Naylor** (Leicester)

Treatment of acute ischemic stroke determined by carotid artery stenosis or occlusion: contemporary approach

**L. Cirillo** (Bologna)

Sex related differences in indication and procedural outcomes of carotid interventions

**M. Venermo** (Helsinki)

Clinical outcome in carotid endarterectomy performed with mini skin incision

**A. Mansilha** (Porto)

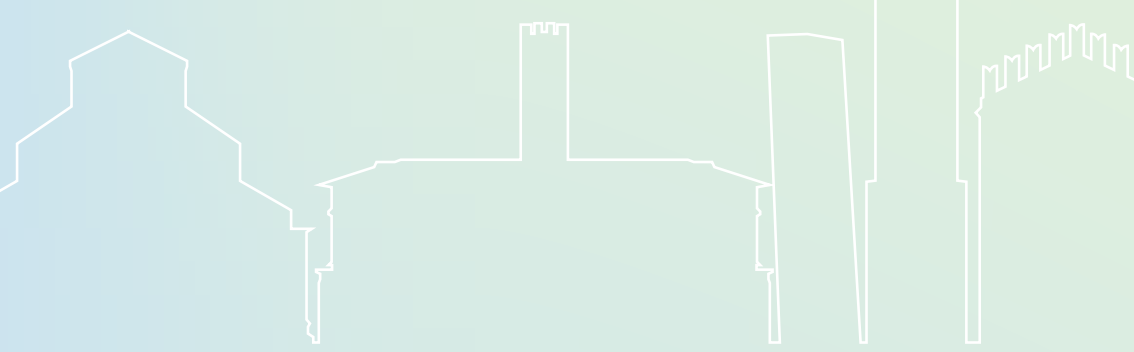
Treatment of proximal atherosclerotic lesions of the supraortic trunks

**G.J. de Borst** (Utrecht)

Strategies in the management of traumatic lesions of the neck

**S. Lepidi** (Trieste)

## 10.55 COFFEE BREAK





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### 11.15 **SESSION 2** **ASYMPTOMATIC CAROTID DISEASE**

■ *Chairpersons: A. Freyrie (Parma), A. Gaggiano (Turin), R. Naylor (Leicester)*

Randomised controlled trials on carotid revascularization.  
Differences between trial populations and clinical practice

**H.H. Eckstein** (*Munich*)

Contemporary therapeutic approach to asymptomatic carotid stenosis

**R. Naylor** (*Leicester*)

Temporal trends and determinants of stroke risk in patients with medically treated asymptomatic carotid stenosis

**G.J. de Borst** (*Utrecht*)

Effect of ACST2 results on vascular surgery practice in Europe

**A. Halliday** (*Oxford*)

The incidence of ischemic events in a real world population of patients with asymptomatic carotid disease

**R. Pini** (*Bologna*)

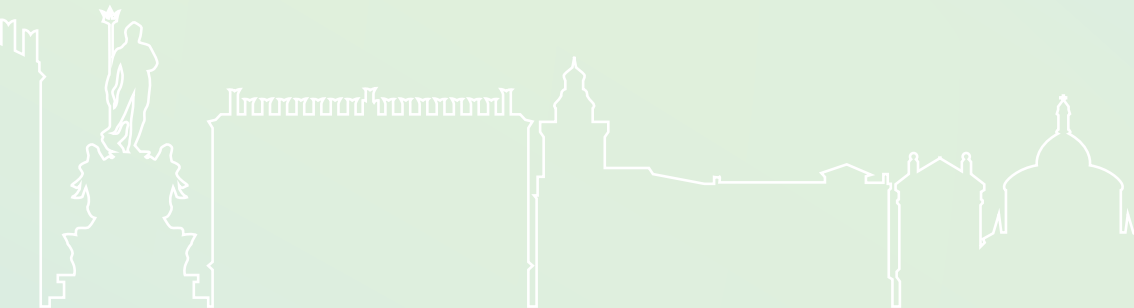
Does carotid disease effect cognitive performance?

**K. Paraskevas** (*Athens*)

### 12.30 **KEY LECTURE**

Present and future of carotid artery endovascular revascularization

**A. Halliday** (*Oxford*)





## DECEMBER 11<sup>th</sup> 2023

### 12.45 LUNCH SESSION VASCULAR SURGEONS AND INTERVENTIONAL CARDIOLOGISTS TOGETHER ON THE PATIENT

■ Chairpersons: **C. Marrozzini** (Bologna), **S. Michelagnoli** (Florence), **M. Taurino** (Rome)

The current role of coronary artery assessment in major vascular surgery

**E. Stabile** (Potenza)

A real world approach to the combined treatment of cardiac and carotid disease.

Are current guidelines appropriate?

**G. Esposito** (Naples)

Vascular access in patients with peripheral arterial disease undergoing TAVI

**F. Saia** (Bologna)

Surgical and endovascular treatment of vascular complications during TAVI

**A.L. Kahlberg** (Milan)

TAVI and aortic disease: the results of combined treatment

**S. Ancetti** (Bologna)

### 13.45 COFFEE BREAK

### 14.00 SESSION 3 PERIPHERAL ARTERIAL OCCLUSIVE DISEASE AND SEVERE CALCIFIED LESIONS

■ Chairpersons: **M. Abualhin** (Bologna), **L. Di Marzo** (Rome), **F. Peinetti** (Aosta)

Intravascular lithotripsy in hostile and calcified iliac access to facilitate aortic endovascular repair

**S. Fazzini** (Rome)

Flexible treatment of calcific common femoral artery disease

**N. Troisi** (Pisa)

What kind of lesions should be treated with a novel braided nitinol stent?

**G. De Donato** (Siena)

What have we learned from the 5 year results of the IN.PACT Global Study

**A. Micari** (Messina)

New technology to cross, adjust and restore

**M. Manzi** (Abano Terme)

Post PTA dissections are commonplace when treating occlusive disease - but what do we do with them?

**E. Blessing** (Hamburg)

Pedal arterial calcification score is associated with the risk of major amputation in chronic limb-threatening ischemia

**R. Ferraresi** (Milan)



## DECEMBER 11<sup>th</sup> 2023

### 15.30 SESSION 4 NEW PERSPECTIVES IN HEMODIALYSIS PATIENTS AND IN WOUND HEALING PATIENTS WITH CLTI

■ Chairpersons: **M. Manzi** (*Abano Terme*), **R. Mauro** (*Bologna*), **M. Venermo** (*Helsinki*)

A regenerative synthetic polymer vascular graft for arteriovenous fistula  
**M. Tozzi** (*Varese*)

Percutaneous creation of hemodialysis fistula.  
Is there a role in the upper arm algorithm? [ON LINE](#)

**Alexandros Mallios** (*Paris*)

Percutaneous treatment of thrombosed hemodialysis arteriovenous fistulas  
with thromboaspiration

**M. Tozzi** (*Varese*)

Deep venous arterialization for patients with no-option chronic limb-threatening  
ischemia

**R. Ferraresi** (*Milan*)

Postprocedural management of patients after percutaneous deep venous  
arterialization

**J.P. de Vries** (*Groningen*)

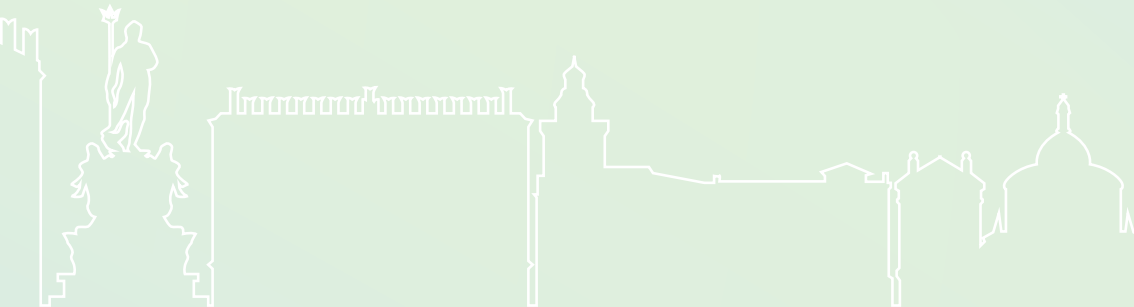
Characteristic and minimal requirement for cell therapy point of care device [ON LINE](#)

**P. Provitera** (*New York*)

Wound healing with the transplant of autologous monocytes

**M. Monami** (*Florence*)

### 16.55 COFFEE BREAK





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### 17.15 SESSION 5 ENDOLEAKS IN EVAR

■ *Chairpersons: A. Ippoliti (Rome), G. Nano (Milan), A. Stella (Bologna)*

The fate of aneurysm sac after EVAR as a predictor of long-term outcomes

**R. Pulli** (*Florence*)

Late outcome of abdominal persistent type II endoleak

**P. Sirignano** (*Rome*)

Impact of intraoperative sac embolization on abdominal persistent type II endoleak

- The role of fiber coils  
**C. Mascoli** (*Bologna*)
- The role of hydrogel coils  
**M. Antonello** (*Padua*)

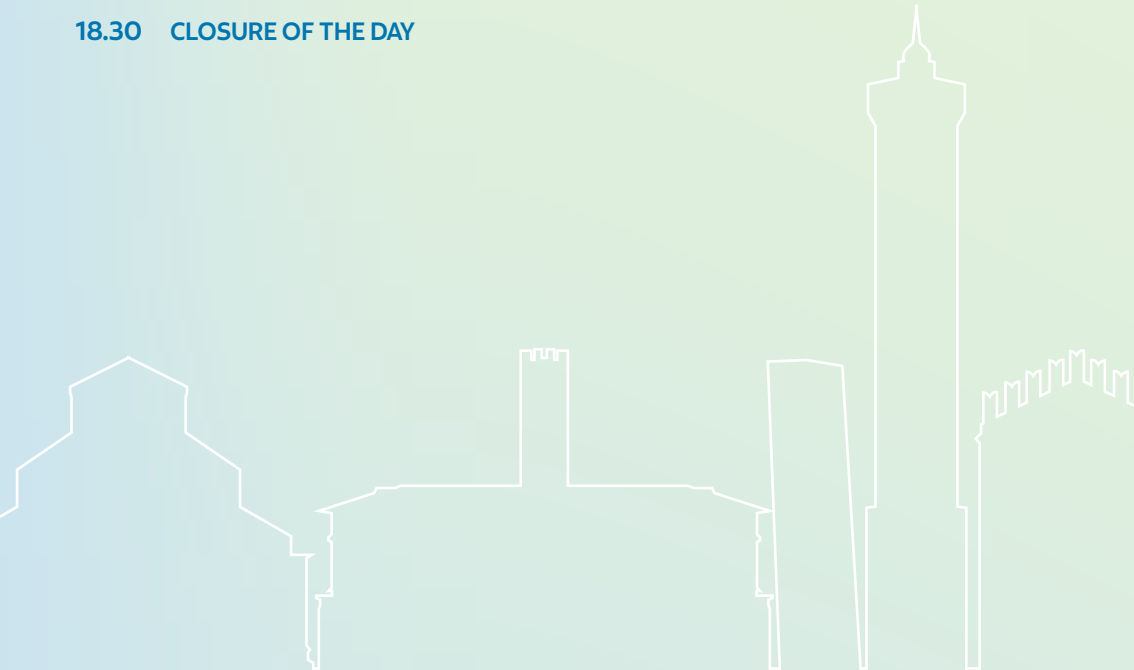
Endograft apposition in the iliac landing zone and causes for type IB endoleak

**J.P. de Vries** (*Groningen*)

Open conversion for treatment of endoleaks

**P. Perini** (*Parma*)

### 18.30 CLOSURE OF THE DAY







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08.30 **SESSION 6**  
**OPEN TREATMENT OF AORTO-VISCERAL DISEASE  
AND ENDOGRAFT COMPLICATIONS**

■ *Chairpersons: S. Bartoli (Rome), N. Chakfé (Strasbourg), F. Grego (Padua)*

Hybrid graft using retrograde visceral perfusion for thoracoabdominal aortic repair

**S. Debus** (*Hamburg*)

Surgical conversion of fenestrated and branched endografts

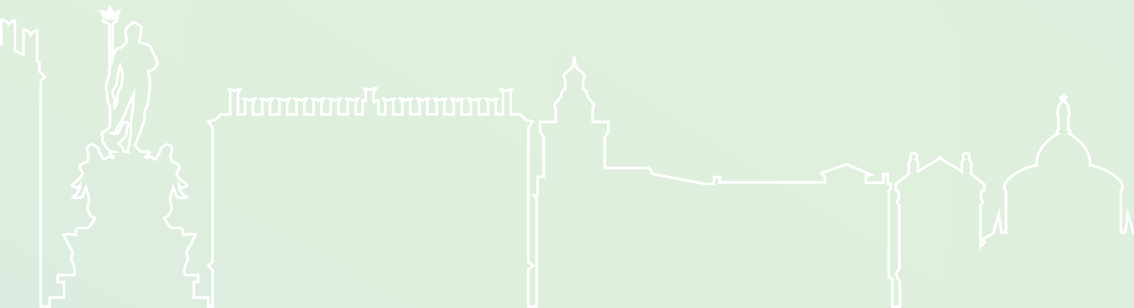
**R. Chiesa** (*Milan*)

Bovine pericardial grafts as conduit for aortic reconstruction in endograft infection

**Y. Tshomba** (*Rome*)

Open and endovascular treatment of chronic bowel ischemia

**L. Chiche** (*Paris*)





# DECEMBER 12<sup>th</sup> 2023

## 09.20 SESSION 7 AORTIC ARCH DISEASE

Chairpersons: **R. Chiesa** (Milan), **S. Debus** (Hamburg), **A. Mansilha** (Porto)

Is endobentall a reality or a project?

**S. Haulon** (Paris)

Outcomes of fenestrated and branched endografts for partial and total endovascular repair of the aortic arch

**P. Spath** (Rimini)

Preliminary results from an Italian National Registry on the outcomes of fenestrated aortic arch endograft

**G. Isernia** (Perugia)

Triple-branch arch device with retrograde left common carotid branch

**S. Haulon** (Paris)

Single branch endograft for aortic arch disease

**A. Mirza** (Houston)

New device for in situ fenestration of the left subclavian artery during zone 2 TEVAR

**G. Piffaretti** (Varese)

Physician-made fenestration in aortic arch

**P. Veroux** (Catania)

Optimal treatment of aortic arch lesions: customized, off the shelf or physician modified endograft

**N. Mangialardi** (Rome)

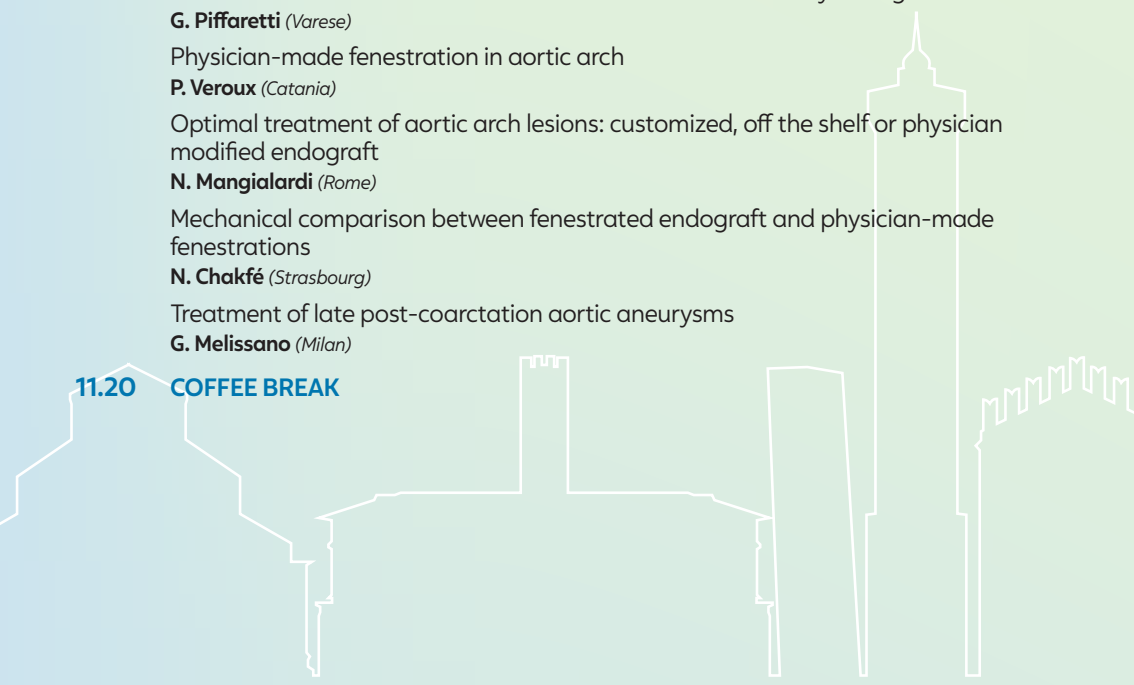
Mechanical comparison between fenestrated endograft and physician-made fenestrations

**N. Chakfé** (Strasbourg)

Treatment of late post-coarctation aortic aneurysms

**G. Melissano** (Milan)

## 11.20 COFFEE BREAK





## DECEMBER 12<sup>th</sup> 2023

### 11.40 SESSION 8 TYPE B AORTIC DISSECTION

■ Chairpersons: **S. Haulon** (Paris), **G. Pratesi** (Genoa), **S. Ronchey** (Rome)

Suboptimal results of medical treatment of type B dissection

**F. Verzini** (Turin)

IRAD: trends in management and outcomes of type B aortic dissection

**S. Trimarchi** (Milan)

Malperfusion syndrome after type B aortic dissection

**N. Tsilimparis** (Munich)

Custom made candy plug for distal false lumen occlusion in aortic dissection

**T. Kölbel** (Hamburg)

Celiac artery coverage in thoracic endovascular aortic procedure

**G.F. Veraldi** (Verona)

Fenestrated-branched endovascular aortic repair of chronic post-dissection thoracoabdominal aortic aneurysms

**B. Modarai** (London)

### 12.55 LUNCH SESSION THORACO-ABDOMINAL AORTIC DISEASE

■ Chairpersons: **B. Modarai** (London), **C. Ruotolo** (Naples), **A. Stella** (Bologna)

The association of sarcopenia and ASA score to spinal cord ischemia in patients treated with the off the shelf device

**T. Kölbel** (Hamburg)

Risk score in predicting follow up mortality after endovascular treatment of TAAAs

**E. Gallitto** (Bologna)

Outcomes of elective and non-elective fenestrated-branched endovascular aortic repair for TAAAs treatment

**A. Mirza** (Houston)

Outcomes after endovascular aortic intervention in patients with connective tissue disease

**T. Kölbel** (Hamburg)

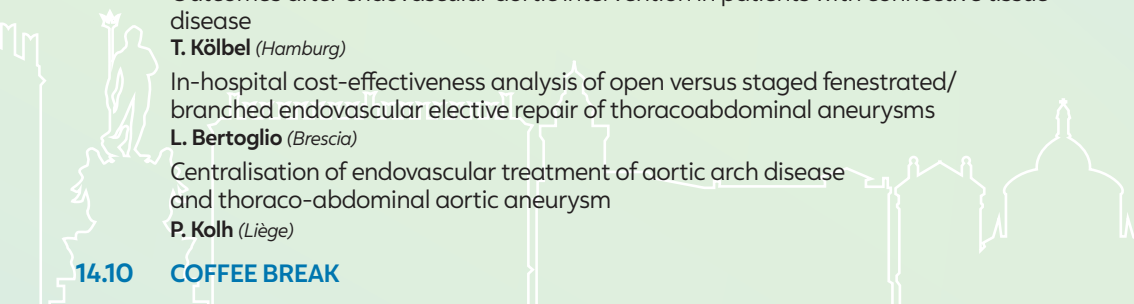
In-hospital cost-effectiveness analysis of open versus staged fenestrated/branched endovascular elective repair of thoracoabdominal aneurysms

**L. Bertoglio** (Brescia)

Centralisation of endovascular treatment of aortic arch disease and thoraco-abdominal aortic aneurysm

**P. Kolh** (Liège)

### 14.10 COFFEE BREAK





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## 14.20 SESSION 9 ENDOGRAFT INNOVATION IN ENDOVASCULAR AORTIC REPAIR

■ *Chairpersons: F. Benedetto (Messina), GL. Faggioli (Bologna), P. Zamboni (Ferrara)*

Suspended radiation protection system in EVAR

**P. Aho** (*Helsinki*)

Ruptured abdominal aortic aneurysms: EVAR with the use of carbon dioxide angiography alone

**E. Chisci** (*Florence*)

Preloaded delivery system for fenestrated endovascular aortic repair

**N. Tsilimparis** (*Munich*)

Double-cuff bidirectional branch in endovascular aortic repair

**A. Karelis** (*Malmö*)

The hybrid stent-graft technique in bridging hostile renal arteries in thoraco-abdominal branched endograft

**E. Gallitto** (*Bologna*)

Multibranched off-the-shelf stent graft in complex aortic aneurysms with narrow internal aortic lumen

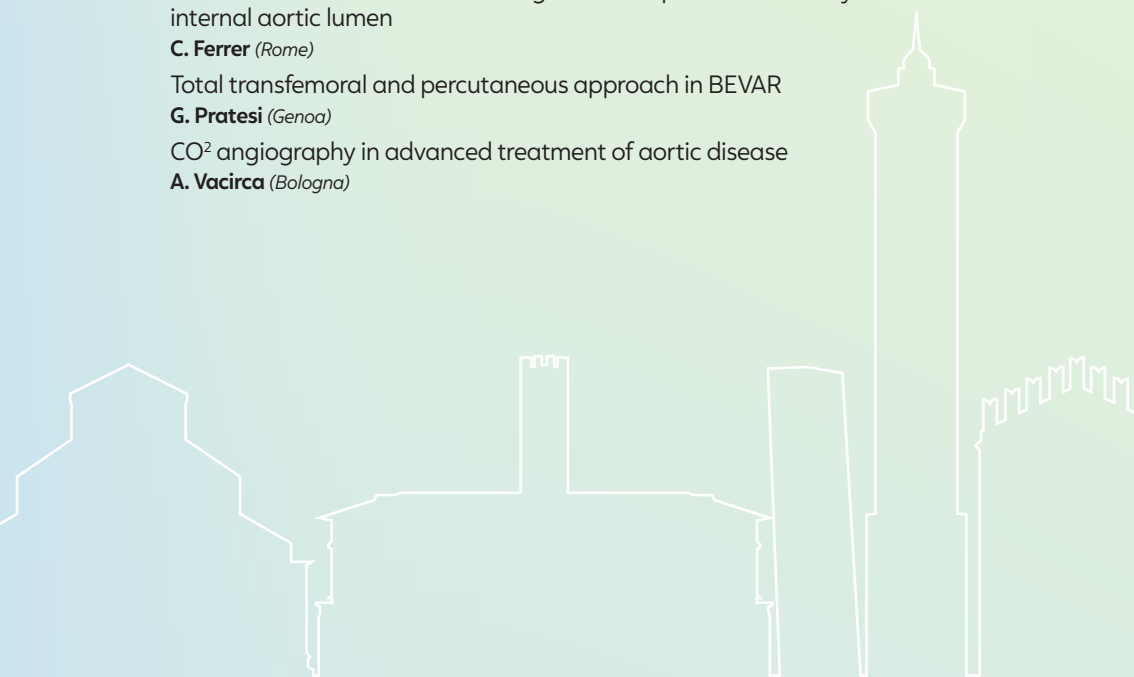
**C. Ferrer** (*Rome*)

Total transfemoral and percutaneous approach in BEVAR

**G. Pratesi** (*Genoa*)

CO<sup>2</sup> angiography in advanced treatment of aortic disease

**A. Vacirca** (*Bologna*)





## DECEMBER 12<sup>th</sup> 2023

### 16.00 SESSION 10 ENDOVASCULAR TREATMENT OF AORTIC DISEASE IN OCTOGENARIAN PATIENTS

■ *Chairpersons: U.M. Bracale (Naples), M. Gargiulo (Bologna), F. Pecoraro (Palermo)*

Outcomes of endovascular treatment of structural heart disease

**T. Palmerini** (*Bologna*)

TEVAR in elective thoracic aortic aneurysm repair

**S. Bonardelli** (*Brescia*)

The FEVOC study: fenestrated endovascular aortic repair in octogenarian patients

**C. Fernandez Prendes** (*Munich*)

Outcomes in ruptured abdominal aortic aneurysms

**Z. Rancic** (*Zurich*)

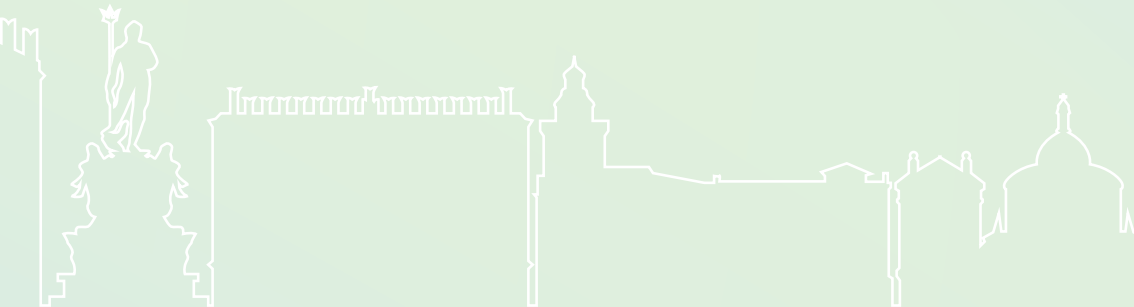
EVAR in elective abdominal aortic aneurysm repair

**M. D'Oria** (*Trieste*)

Iliac branch devices: outcome and indications

**A.T. Fargion** (*Florence*)

### 17.20 CLOSING REMARKS



# GENERAL INFORMATION

## CONGRESS VENUE

Royal Hotel Carlton  
Sala Imperiale - 1<sup>st</sup> floor  
Via Montebello 8 - 40121 Bologna

## HOW TO REACH THE ROYAL HOTEL CARLTON

The Royal Hotel Carlton is located right in the centre of Bologna, next to its pedestrian precinct and a short walk from the Railway Station and Piazza Maggiore.  
To reach the hotel using GPS please select Via Milazzo 6 to avoid any amercement.

### From the airport to the city centre:

Bologna G. Marconi Airport is located 5 km from Bologna city centre.

**By bus:** the Aerobus brings you to the Bologna train station every 15 minutes (travel time: approx. 20 minutes). Tickets can be purchased on the bus.

**By taxi:** approximately 10-15 minutes.

Taxi Numbers: Tel. +39-051-372727 or +39-051-534141.

## LANGUAGE

The official language is English.

## C.M.E. CREDITS (Only for Italian participants)

EVENT ID n° 395786

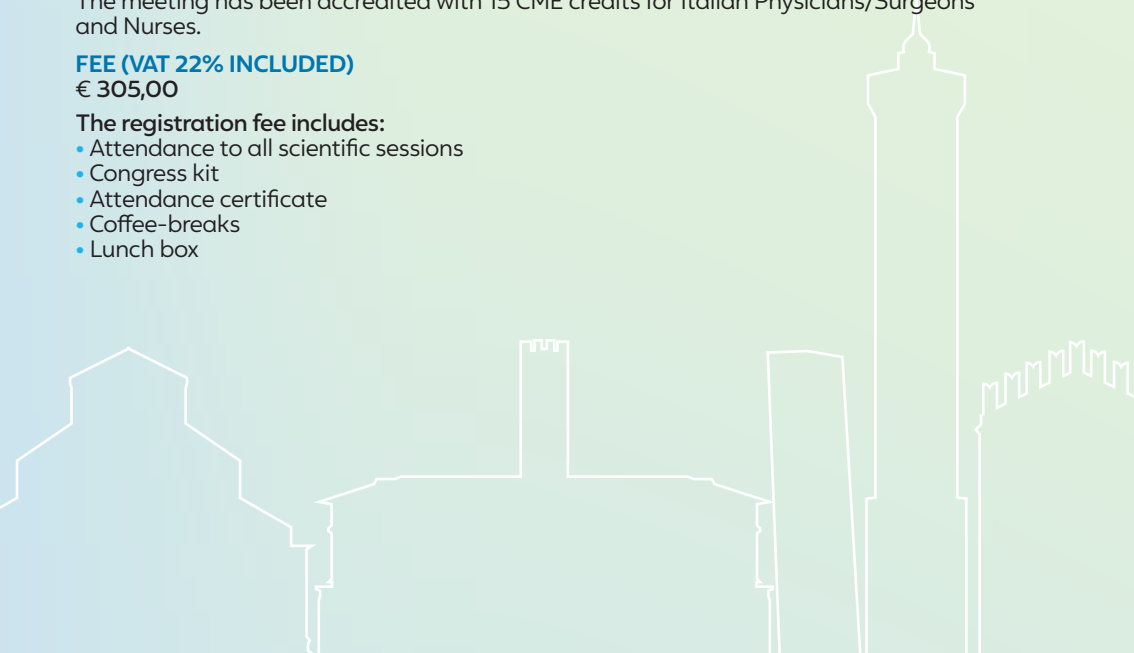
The meeting has been accredited with 15 CME credits for Italian Physicians/Surgeons and Nurses.

## FEE (VAT 22% INCLUDED)

€ 305,00

### The registration fee includes:

- Attendance to all scientific sessions
- Congress kit
- Attendance certificate
- Coffee-breaks
- Lunch box





### **PAYMENT METHOD**

Payment will be made by Bank Transfer to FC EVENTI srl

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Bank charges are the responsibility of the payer and should be paid at source in addition to the registration fee.

Please note that registration will not be effective until payment of the registration fee has been received by the Organizing Secretariat.

### **ACCOMMODATION**

The Organizing Secretariat has booked a wide number of rooms at the congress venue.

To require accommodation, please contact the Organizing Secretariat.

All rooms will be reserved on a first-come-first-served basis.

### **SECRETARIAT**

The Secretariat will be open throughout the Meeting sessions.

### **ATTENDANCE CERTIFICATE**

Registered participants will receive an attendance certificate at the end of the Meeting.

### **LIABILITY AND INSURANCE**

The Organizer is not able to take any responsibility whatsoever for injury or damage involving persons and property during the Meeting. Participants are advised to take out their own personal travel and health insurance for their trip.

### **SCIENTIFIC DIRECTORS**

Prof. Mauro Gargiulo, Prof. Gianluca Faggioli

Unit of Vascular Surgery

DIMEC University of Bologna

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Via Massarenti, 9 - 40138 Bologna (Italy)

