



SCUOLA DI MEDICINA E CHIRURGIA  
ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA



SERVIZIO SANITARIO REGIONALE  
EMILIA-ROMAGNA  
Azienda Ospedaliero - Universitaria di Bologna  
Policlinico S. Orsola-Malpighi

# TECHNOLOGIES IN PERIPHERAL ARTERIAL OCCLUSIVE DISEASE



Royal Hotel Carlton  
**Bologna (Italy)**

**2-3 October 2014**



# TECHNOLOGIES IN PERIPHERAL ARTERIAL OCCLUSIVE DISEASE

Bologna (Italy), 2-3 October 2014

## ENDORSEMENTS

Alma Mater Studiorum - Università di Bologna

Azienda Ospedaliero-Universitaria di Bologna Policlinico S. Orsola-Malpighi

SICVE - Società Italiana di Chirurgia Vascolare ed Endovascolare

## FACULTY

Airoldi Flavio (Milan)

Amann Berthold (Hamburg)

Bianchini Massoni Claudio (Bologna)

Borghesi Claudio (Bologna)

Cao Pier Giorgio (Rome)

Caravaggi Carlo Maria Ferdinando (Milano)

Castriota Fausto (Ravenna)

Chiesa Roberto (Milan)

Cioppa Angelo (Naples)

Clerici Giacomo (Milan)

Coppi Gioachino (Modena)

Coscarella Carlo (Rome)

Dalla Paola Luca (Ravenna)

De Vries Jean-Paul (Nieuwegein)

Donas Konstantinos P. (Münster)

Ducasse Eric (Bordeaux)

Edmonds Michael (London)

Faggioli Gianluca (Bologna)

Faglia Ezio (Milan)

Ferraresi Roberto (Milan)

Fokkenrood Hugo J.P. (Eindhoven)

Fowkes F. Gerry R. (Edinburgh)

Freyrie Antonio (Bologna)

Funovics Martin (Wien)

Gandini Roberto (Rome)

Gargiulo Mauro (Bologna)

Gómez Palonés Francisco Julian (Valencia)

Goverde Peter (Antwerp)

Hinchliffe Robert (London)

Iezzi Roberto (Rome)

Katsanos Kostantinos (London)

Maeso Lebrun Jordi (Barcelona)

Mansilha Armando (Porto)

Manzi Marco (Padua)

Micari Antonio (Palermo)

Muccini Natascia (Bologna)

Palombo Domenico (Genova)

Pasquinelli Gian andrea (Bologna)

Peghetti Angela (Bologna)

Peinetti Flavio (Aosta)

Pratesi Carlo (Florence)

Rabbia Claudio (Turin)

Rapezzi Claudio (Bologna)

Rastan Aljoscha (Bad Krozingen)

Rawashdeh Sabir (Amman)

Ricco Jean Baptiste (Poitiers)

Ruotolo Carlo (Naples)

Scalise Filippo (Monza)

Schmidt Andrej (Leipzig)

Setacci Carlo (Siena)

Spinelli Francesco (Messina)

Stella Andrea (Bologna)

Trimarchi Santi (Milan)

Uccioli Luigi (Rome)

Vaquero Carlos (Valladolid)

Vasuri Francesco (Bologna)

Venermo Maarit (Helsinki)

Verhaar Marianne C. (Utrecht)

Vermassen Frank (Gent)

Verzini Fabio (Perugia)

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## OCTOBER 2, 2014

**09.50** Introduction  
M. Gargiulo

### PAOD EPIDEMIOLOGY AND RISK FACTORS

*Chairman:* F.G. Fowkes, A. Stella

**10.00** Prevalence and risk factors for peripheral artery disease  
F.G. Fowkes

**10.15** The impact of RF control in patients with PAOD:  
focus on hypertension and Dyslipidemia  
C. Borghi

**10.30** PAOD and diabetes: the results of the Eurodiale study  
L. Uccioli

**10.45** End-stage renal disease and critical limb ischemia  
G.L. Faggioli

**11.00** Cardiac morbidity/mortality of surgical and endovascular  
treatment in peripheral diabetic arterial disease  
E. Faglia

**11.15** Technologies in preoperative cardiac evaluation  
C. Rapezzi

**11.30** **COFFEE-BREAK**



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## OCTOBER 2, 2014

### IMAGING AND PAOD

*Chairman:* A. Freyrie, C. Rabbia

- 11.45** Duplex ultrasound assessment of tibial arteries in patients with peripheral arterial disease: a Systematic Review  
**C. Bianchini Massoni**
- 12.00** Automated carbon dioxide digital angiography: safety assessment and comparison with standard iodinated contrast media angiography  
**F. Scalise**
- 12.15** A quantitative method for evaluating local perfusion using indocyanine green fluorescence imaging  
**M. Venermo**
- 12.30** Arterial calcification and peripheral arterial occlusive disease  
**M. Gargiulo**
- 12.45** The best imaging before peripheral revascularization  
**TBD**

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OCTOBER 2, 2014

## LUNCH SESSION

### TRIALS and META-ANALYSIS

*Chairman:* G.L. Faggioli, D. Palombo

- 13.00** Heparin-bonded covered stents versus bare-metal stents for complex femoropopliteal artery lesions: the randomized VIASTAR trial  
**M. Funovics**
- 13.15** Stent placement versus balloon angioplasty for the treatment of obstructive lesions of the popliteal artery: a prospective, multicenter, randomized trial  
**A. Rastan**
- 13.30** Autologous bone marrow-derived cell therapy in patients with critical limb ischemia: a meta-analysis of randomized controlled clinical trials  
**M.C. Verhaar**
- 13.45** Meta-analysis on the results of bypass and/or endovascular technique for patients with CLI or claudication  
**J.B. Ricco**



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## OCTOBER 2, 2014

### SUPRAINGUINAL PAOD

*Chairman:* J.B. Ricco, C. Ruotolo

- 14.15** Coral reef aorta: surgical approach  
R. Chiesa
- 14.30** Infrarenal aortic obstruction: how to do the endovascular treatment  
K. Donas
- 14.45** Endovascular treatment of abdominal aortic stenosis  
A. Stella
- 15.00** Common iliac artery occlusion in aortic dissection: incidence and treatment  
S. Trimarchi
- 15.15** Stent-graft in atherosclerotic iliac arteries disease  
J.P. De Vries
- 15.30** External iliac artery endofibrosis  
R. Hinchliffe
- 15.45** **COFFEE BREAK**

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## OCTOBER 2, 2014

### FEMORO-POPLITEAL PAOD

*Chairman:* P.G. Cao, C. Setacci

- 16.00** Common femoral artery disease: the challenge of endovascular treatment  
**A. Rastan**
- 16.15** Common femoral artery bifurcation stenosis: the role of cutting balloon  
**R. Iezzi**
- 16.30** Common femoral artery disease: contemporary results of surgical treatment  
**A. Freyrie**
- 16.45** SFA flush occlusion: technical trips for recanalization and long-term results  
**A. Schmidt**
- 17.00** SFA calcified occlusion: how we can treat endovascularly with good long term results  
**A. Micari**
- 17.15** Long SFA occlusion: is subintimal PTA always needed?  
**C. Coscarella**
- 17.30** OCT guided atherectomy in SFA lesions  
**F. Castriota**
- 17.45** The role of the IVUS in SFA stenting  
**G. Coppi**
- 18.00** Distal access for femoro-popliteal angioplasty  
**C. Rabbia**
- 18.15** Is bypass surgery an obsolete technique in femoropopliteal lesions?  
**J. Maeso Lebrun**
- 18.30** Symptomatic SFA in stent-restenosis: endovascular treatment  
**R. Gandini**
- 18.45** Closure of the day



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## OCTOBER 3, 2014

### POPLITEAL AND INFRAPOPLITEAL PAOD

*Chairman:* **A. Schmidt**

- 08.30** Supera stent in popliteal artery  
**P. Goverde**
- 08.45** Tigris in popliteal artery  
**K. Katsanos**
- 09.00** Directional atherectomy in popliteal artery  
**F. Airoidi**
- 09.15** The role of foot vessel disease in CLI revascularization  
**R. Ferraresi**
- 09.30** Clinical implications of the angiosome model in peripheral vascular disease  
**M. Venermo**
- 09.45** Tibial arteries bypass with heparin-bonded PTFE  
**C. Pratesi**
- 10.00** Angioplasty of tibial arteries biforcations  
**F. Airoidi**
- 10.15** Calcified occlusion of tibial arteries: endovascular strategies  
**A. Schmidt**
- 10.30** Tibial arteries recanalization with ultrasound-guided foot arteries percutaneous approach  
**M. Manzi**
- 10.45** Endovascular reintervention in tibial arteries disease  
**R. Ferraresi**
- 11.00** Ultrasound targeted bypass to the ankle and foot arteries  
**M. Gargiulo**
- 11.15** **COFFEE-BREAK**



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OCTOBER 3, 2014

## CURRENT TREATMENT OF INTERMITTENT CLAUDICATION

*Chairman:* F. Peinetti, E. Ducasse

- 11.30** International guidelines  
**C. Ruotolo**
- 11.45** Exercise therapy: supervised vs non-supervised programme  
**H.J. Fokkenrood**
- 12.00** PTA and advanced endovascular technologies  
**A. Cioppa**
- 12.15** Why and when surgical choice in claudication  
**F. Spinelli**



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## OCTOBER 3, 2014

### LUNCH SYMPOSIUM

## RESTENOSIS IN INFRAINGUINAL ENDOVASCULAR TREATMENT: HOW TO DECREASE THE RISK

*Chairman:* M. Gargiulo, A. Mansilha

- 12.30** Prevalence and risk factors  
F. Verzini
- 12.45** Drug-eluting balloons vs standard balloon angioplasty.  
Results of IN.PACT SFA randomized trial  
A. Rastan
- 13.00** The role of drug eluting stent in the treatment of SFA lesions  
E. Ducasse
- 13.15** Drug-coated balloon angioplasty after directional atherectomy  
A. Rastan
- 13.30** Infrapopliteal drug-eluting stents  
K. Katsanos
- 13.45** In vitro testing of anti proliferative drugs reveals a paroxistic  
effect of drugs coated with devices  
G.A. Pasquinelli
- 14.00** Bioabsorbable technology  
F. Vermassen
- 14.15** **BREAK**

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## OCTOBER 3, 2014

### TROPHIC LESIONS AND PAOD

*Chairman:* M. Edmonds, S. Rawashdeh, A. Peghetti

- 14.45** Classifications of ischemic trophic lesions in diabetic patients  
**M. Edmonds**
- 15.00** WIFI index: the latest attempt for a global appraisal for the diabetic foot. Could it be the last?  
**F.J. Gómez Palonés**
- 15.15** Effectiveness of revascularization of the ulcerated foot in patients with diabetes and peripheral arterial disease  
**R. Hinchliffe**
- 15.30** Diabetic foot infection and endoapproach as a singular challenge  
**A. Mansilha**
- 15.45** Drug-eluting balloon in endovascular treatment of infrapopliteal arterial disease with thropic disorders  
**C. Vaquero**
- 16.00** The effect of autologous BM-MNCs therapy on wound healing in CLI patients  
**B. Amann**
- 16.15** The role of VAC Veraflo Therapy in the treatment of ischemic foot lesions  
**L. Dalla Paola**
- 16.30** Ischemic trophic lesion of the calcaneus  
**C.M.F. Caravaggi**
- 16.45** The use of a dermal substitute to preserve maximal foot length following surgical debridement of diabetic ischemic foot  
**G. Clerici**
- 17.00** Skin Grafts: new frontiers for easier and less traumatic healing  
**N. Muccini**
- 17.15** Plasma and cell derived growth factors in the treatment of ischemic trophic lesions  
**F. Vasuri**
- 17.30** Final remarks



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## GENERAL INFORMATION

### WORKSHOP 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. Just 5 km from G. Marconi Airport.

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. Simultaneous translation into Italian will be provided.

### EACCME

#### Continuing Medical Education

The Congress is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), [www.uems.net](http://www.uems.net).

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## GENERAL INFORMATION

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

The meeting has been accredited with 9,8 CME credits for 150 Italian Physicians/Surgeons, Nurses and Technicians.

Disciplines:

- Chirurgia Vascolare/Vascular Surgery
- Chirurgia Generale/General Surgery
- Cardiologia/Cardiology
- Radiodiagnostica/Radiodiagnostics
- Anestesia e Rianimazione/Anesthesia and Intensive Care
- Angiologia/Angiology
- Malattie Metaboliche e Diabetologia/Diabetology

### **REGISTRATION FEE (VAT 22% INCLUDED)**

Physicians: € 146,40

Nurses and Technicians: € 97,60

*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

IBAN: IT58G0558402409000000000077

BBAN: G0558402409000000000077

Bank charges are the responsibility of the payee. Please note that registration will not be effective until payment of the registration fee has been received by the Organising Secretariat.



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## GENERAL INFORMATION

### **CANCELLATION POLICY**

All cancellations must be notified in writing to the Organising Secretariat. Refunds will be processed after the Congress.

Requests for refunds made after the Congress will not be considered.

Refund of registration fees:

- cancellations on or before August 10, 2014: 10% will be withheld
- cancellations between August 11 and September 10, 2014: 30% will be withheld
- cancellations after September 10, 2014: no refund

### **HOTEL ACCOMMODATION**

The Organising Secretariat has booked a wide number of rooms at the congress venue. To require accommodation, please contact the Organizing Secretariat by October 30, 2013.

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 Organiser 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.

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## GENERAL INFORMATION

### SCIENTIFIC DIRECTORS

Prof. Mauro Gargiulo, Prof. Andrea Stella  
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### SCIENTIFIC SECRETARIAT

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