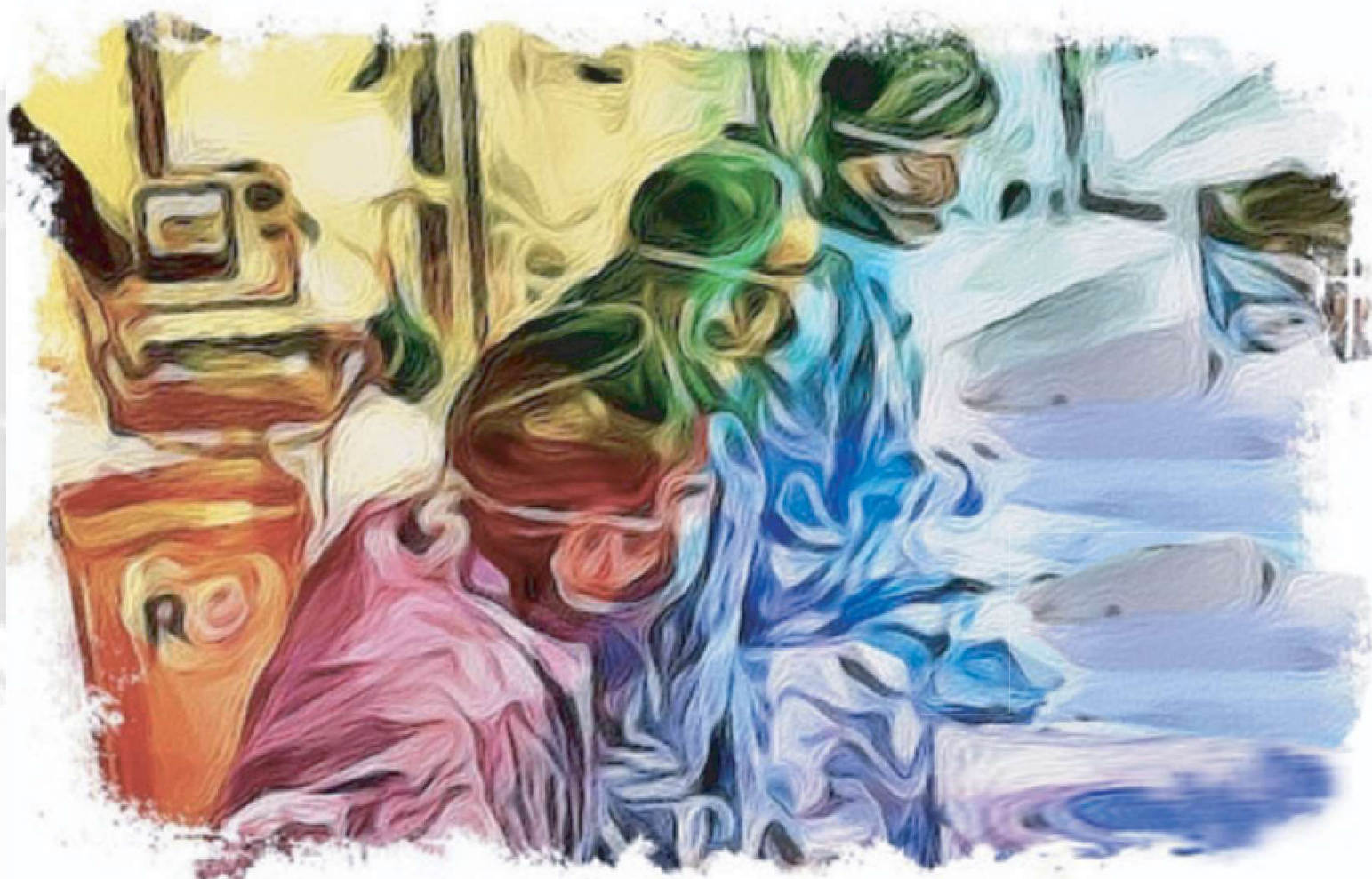


ICOP 2019

INTRACORONARY PRESSURE MEASUREMENT AND FUNCTIONAL ASSESSMENT OF CORONARY STENOSIS SEVERITY IN 2019

JUNE **28th** / **29th**, 2019

MAGNA GRAECIA UNIVERSITY AND URT CNR
CATANZARO, CAMPUS OF GERMANETO, ITALY
Building L - Auditorium Room B



COURSE DIRECTORS

Ciro Indolfi
(Director)



Salvatore De Rosa
(Co-Director)

Friday, 28 June 2019

Room: Auditorium – Building L

Six years after the first ICOP meeting, new data and new resting indices (iFR and RFR) are now available.

Therefore, the aims of ICOP 2019 will be to discuss the physiology and the clinical application of intracoronary pressure measurement. World-leading experts of the field will have the opportunity to discuss the advantages and the limitations of intracoronary pressure indices.

The best clinical cases and scientific abstracts will be awarded.

08.00am Registration

JOINT SYMPOSIUM - SIC WORKING GROUP ON INTERVENTIONAL CARDIOLOGY - GISE (Session held in Italian)

Chairmen: ■ Salvatore De Rosa (Catanzaro, I) ■ Giovanni Esposito (Naples, I)
■ Pasquale Mastroberto (Catanzaro, I)

08.30am Radial access in STEMI: is it still debated? ■ Giuseppe Andò (Messina, I)

08.40am STEMI and cardiogenic shock: decision making in the cath lab ■ Italo Porto (Genoa, I)

08.50am Beyond coronary stenosis: the invasive assessment of coronary microvasculature and vasomotion ■ Giampaolo Niccoli (Rome, I)

09.00am Perspective on TAVI after the PARTNER 3 trial ■ Giuseppe Tarantini (Padua, I)

09.10am COAPT vs MITRA-FR ■ Annalisa Mongiardo (Catanzaro, I)

09.20am Discussion

Expert panel: ■ Lucia Barbieri (Milan, I) ■ Paolo Calabrò (Caserta, I)
■ Bindo Missiroli (Catanzaro, I) ■ Vittorio Pascale (Catanzaro, I)
■ Carmen Spaccarotella (Catanzaro, I)

SATELLITE SYMPOSIUM – UPDATE IN CARDIOVASCULAR THERAPY (Session held in Italian)

PART I – Antithrombotic treatment

Chairmen: ■ Francesco Caiazza (Acerra, I) ■ Giuseppe Calveri (Varese, I)
■ Michele Comito (Vibo Valentia, I)

09.50am DAPT after ACS: how long and to which patients? ■ Plinio Cirillo (Naples, I)

10.00am Association of ASA and low-dose rivaroxaban to improve cardiovascular outcomes ■ Ciro Indolfi (Catanzaro, I)

10.10am DOAC in AF patients after ACS ■ Gerolamo Sibilio (Pozzuoli, I)

10.20am DOAC in AF patients with cancer ■ Sabato Sorrentino (Catanzaro, I)

10.30am Discussion

Expert panel: ■ Gennaro Cice (Naples, I) ■ Felice Gragnano (Caserta, I)
■ Angelo Leone (Castrovillari, I) ■ Marco Perrone (Rome, I)
■ Massimo Rossi (Locri, I) ■ Marco Vatrano (Catanzaro, I)

11.00am Coffee break

PART II – New pharmacological treatments

Chairmen: ■ Giovanni Bisignani (Castrovillari, I) ■ Ciro Mauro (Naples, I)
■ Stefano Urbinati (Bologna, I)

11.20am From cholesterol lowering to prevention of cardiovascular events: the ODISSEY Outcomes study ■ Paolo Calabrò (Caserta, I)

11.30am The clinical benefit of PCSK9 inhibitors by severity and extent of CAD | Eliano Pio Navarese (Dusseldorf, G)

11.40am Optimal post-PCI anti-thrombotic treatment in AF patients | **Ciro Indolfi** (Catanzaro, I)

11.50am **Discussione**

Expert panel: | Giulia Arena (Naples, I) | Giulia Elena Mandoli (Siena, I) | Massimo Marchei (Rome, I)
| Rocco Mario Polimeni (Reggio Calabria, I) | Marco Vatrano (Catanzaro, I)

SYMPOSIUM 1 – FUTURE PERSPECTIVES IN CORONARY PHYSIOLOGY (Session held in English)

Chairmen: | Alessandro Bortone (Bari, I) | **Ciro Indolfi** (Catanzaro, I) | Savina Nodari (Brescia, I)

12.20pm What should we expect from the next future in the field of coronary physiology? | **Richard Rapoza** (California, USA)

12.30pm Moving from the identification of critical stenoses to CAD management: the prognostic continuum of pressure indices | **Javier Escaned** (Madrid, S)

12.40pm Artificial Intelligence to improve physiology measurement and diagnostic accuracy | **Justin E. Davies** (London, UK)

12.50pm **Discussione**

Expert panel: | Salvatore De Rosa (Catanzaro, I) | Antonio Maria Leone (Rome, I) | Giampaolo Niccoli (Rome, I)
| Vittorio Pascale (Catanzaro, I) | Tullio Tesorio (Avellino, I)

LUNCHTIME SESSION – THE LATEST TRIALS IN CARDIOVASCULAR THERAPY (Session held in Italian)

Chairmen: | Francesco Barillà (Rome, I) | Michele Fiorenzo Musolino (Locri, I) | Francesco Romeo (Rome, I)

01.20pm The novelties of the 2019 ACC/AHA guidelines on Primary Prevention of CVD | **Roberto Pedrinelli** (Pisa, I)

01.30pm **Discussione**

Expert panel: | Salvatore De Rosa (Catanzaro, I) | Maria Teresa Manes (Paola, I) | Stefano Postorino (Reggio Calabria, I)
| Sonia Sergi (Rome, I) | Cosimo Zurzolo (Soverato, I)

01.40pm The EVOLUT Low Risk Trial | **Carmen Spaccarotella** (Catanzaro, I)

01.50pm **Discussione**

Expert panel: | Iolanda Aquila (Catanzaro, I) | Domenico Bonofiglio (Belvedere Marittimo, I) | Plinio Cirillo (Naples, I)
| Placido Grillo (Catanzaro, I) | Giuseppe Ielasi (Reggio Calabria, I) | Valeria Paradies (Bari, I)
| Jolanda Sabatino (Catanzaro, I)

Friday, 28 June 2019

Room: Auditorium – Building L

02.00pm **Official Opening, Greeting of Authorities**

02.40pm **Introduction and objectives of the meeting**

Course director: **Ciro Indolfi** (Catanzaro, I)

SYMPOSIUM 2 – DEVICES AND INDICES TO ASSES CORONARY PHYSIOLOGY: UPDATE ON AN EXPANDING LANDSCAPE (Session held in English)

PART I

Chairmen: | **Paolo Golino** (Naples, I) | **Patrick Serruys** (London, UK)

ICOP 2019

- 03.00pm** Pressure wires: technical features and clinical performance | Gennaro Galasso (Salerno, I)
- 03.10pm** New and upcoming systems for coronary physiology assessment | Raffaele Piccolo (Naples, I)
- 03.20pm** Catheter-based measurement of coronary pressure versus pressure wire | Roberto Diletti (Rotterdam, NL)
- 03.30pm** **Discussion**
- Expert panel: | Marco Arena (La Spezia, I) | Giovanni Esposito (Naples, I) | Eliano Pio Navarese (Dussendorf, G)
| Massimo Siviglia (Reggio Calabria, I) | Giulio Stefanini (Milan, I)

04.00pm JOHN ROSS, JR LECTURE

From Coronary Physiology to Pressure measurement (and everything in between)

- Introduction: | **Ciro Indolfi** (Catanzaro, I)
- Presenter: | **Javier Escaned** (Madrid, S)

PART II

Chairmen: | **Emanuele Barbato** (Naples, I) | **Justin E. Davies** (London, UK) | **Giulio Stefanini** (Milan, I)

- 04.20pm** Hyperemic and Resting Pressure Indices | **Fabio Mangiacapra** (Rome, I)
- 04.30pm** Other physiological Indices (HMR, IMR, HSR, Absolute Flow, Resistance) | **Giovanni Esposito** (Naples, I)
- 04.40pm** Virtual Fractional Flow Reserve with Coronary Computed Tomography (ctFFR) and Magnetic Resonance (MR-iFR) | **Marcello Chiocchi** (Rome, I)
- 04.50pm** **Discussion**
- Expert panel: | **Gianluca Caiazzo** (Aversa, I) | **Felice Gragnano** (Caserta, I) | **Francesco Greco** (Cosenza, I)
| **Vincenzo Manganiello** (Aversa, I) | **Enrico Russolillo** (Naples, I)
- 05.20pm** **Closing remarks first day** | **Ciro Indolfi** (Catanzaro, I)

Saturday, 29 June 2019

Room: Auditorium – Building L

- 08.30am** **CLINICAL CASE CONTEST** (*Session held in Italian*)
- Moderators: | **Emanuele Barbato** (Naples, I) | **Carlo Di Mario** (Florence, I) | **Giovanni Esposito** (Naples, I)

Clinical Case #1: selected clinical case
Discussion

Clinical Case #2: selected clinical case
Discussion

SYMPOSIUM 3 – CORONARY PHYSIOLOGY IN SPECIFIC CLINICAL SCENARIOS (*Session held in Italian*)

Chairmen: | **Gerardo Mancuso** (Lamezia Terme, I) | **Pasquale Perrone-Filardi** (Naples, I) | **Bernardino Tuccillo** (Naples, I)

- 09.00am** Coronary physiology in the setting of Acute Coronary Syndromes (ACS): is it reliable? | **Carmine Musto** (Rome, I)
- 09.10am** Physiology-guided management of multivessel disease | **Massimo Mancone** (Rome, I)
- 09.20am** How do I assess tandem stenoses and diffuse disease? | **Carlo Di Mario** (Florence, I)
- 09.30am** Physiology-guided management of the Left Main: ready for the prime time? | **Alberto Polimeni** (Catanzaro, I)

09.40am **Discussion**

Expert panel: ■ Renato Maria Bianchi (Naples, I) ■ Roberto Caporale (Cosenza, I) ■ Carlo Cicerone (Palermo, I)
■ Katya Lucarelli (Acquaviva delle Fonti, I) ■ Orlando Piro (Naples, I)

10.10am *Coffee break*

SYMPOSIUM 4 – PHYSIOLOGY-GUIDED CORONARY REVASCULARIZATION (Session held in English)

Chairmen: ■ **Ciro Indolfi** (Catanzaro, I) ■ Javier Escaned (Madrid, S) ■ Johan Svanerudh (Stockholm, S)

10.40am Clinical outcome studies with Fractional Flow Reserve ■ Emanuele Barbato (Naples, I)

10.50am Clinical evidence on iFR-guided revascularization ■ Justin E. Davies (London, UK)

11.00am New resting indices: studies (RFR and dPR) ■ Salvatore De Rosa (Catanzaro, I)

11.10am **Discussion**

Expert panel: ■ Gianluca Caiazzo (Aversa, I) ■ Paolo Golino (Naples, I) ■ Massimo Mancone (Rome, I)
■ Marie Angele Morel (Rotterdam, NL) ■ Carmine Musto (Rome, I)

11.40am **MASSIMO CHIARIELLO LECTURE**

Role of Coronary CT Combined with FFR for Diagnosis: a 360° Viewpoint

- Introduction: ■ **Ciro Indolfi** (Catanzaro, I)
- Speaker: ■ Patrick Serruys (London, UK)

FLASH DEBATE – ARE ALL RESTING INDICES CREATED EQUALLY? (Session held in English)

Chairmen: ■ Carlo Di Mario (Florence, I) ■ Javier Escaned (Madrid, S)

12.00pm RFR and dPR are biological equivalent! ■ Johan Svanerudh (Stockholm, S)

12.10pm iFR is the only index supported by clinical evidence! ■ **Ciro Indolfi** (Catanzaro, I)

12.20pm Rebuttal by *Johan Svanerudh*

12.30pm Rebuttal by *Ciro Indolfi*

LUNCHTIME SESSION (web session) (Session held in English)

Chairmen: ■ Alberto Margonato (Milan, I) ■ Marie Angele Morel (Rotterdam, NL)

01.00pm The american perspective on the use of intracoronary pressure and imaging ■ Ron Waksman (Washington, USA)

Moderated Poster Session (during lunch)

Poster moderators: ■ Renato Maria Bianchi (Naples, I) ■ Vincenzo Manganiello (Aversa, I)

RAPID FIRE SESSION – ONGOING AND UPCOMING STUDIES IN CORONARY PHYSIOLOGY (Session held in English)

Chairmen: ■ Tiziana Attisano (Salerno, I) ■ Emilio Di Lorenzo (Avellino, I)

01.20pm The DEFINE-PCI study - where to now ■ Justin E. Davies (London, UK)

01.30pm Towards a clinical validation of RFR: a study proposal ■ **Ciro Indolfi** (Catanzaro, I)

01.40pm **Discussion**

Expert panel: ■ Lucia Barbieri (Milan, I) ■ Javier Escaned (Madrid, S) ■ Massimo Mancone (Rome, I)

Saturday, 29 June 2019**Room: Auditorium – Building L****SYMPOSIUM 5 – MORPHO-FUNCTIONAL EVALUATION OF CORONARY STENOSES** *(Session held in English)*

Chairmen: ■ Antonio Bartorelli (Milan, I) ■ Gabriele Gabrielli (Ancona, I)

02.00pm OCT and IVUS in the management of complex PCIs (web broadcast) ■ Ziad A. Ali (New York, USA)

02.10pm Anatomy versus Physiology: when to choose one or the other? ■ Carlo Di Mario (Florence, I)

02.20 pm **Discussion**Expert panel: ■ Emanuele Barbato (Naples, I) ■ Gianluca Caiazza (Aversa, I) ■ Salvatore Colangelo (Turin, I)
■ Emilio Di Lorenzo (Avellino, I) ■ Patrick Serruys (London, UK)**SATELLITE SYMPOSIUM – UPDATES IN TREATMENT OF HEART FAILURE** *(Session held in Italian)*

Chairmen: ■ Vincenzo Amodeo (Polistena, I) ■ Federico Piscione (Salerno, I) ■ Daniele Torella (Catanzaro, I)

02.50pm The role of SGTL2 in Heart Failure ■ Agostino Gnasso (Catanzaro, I)

03.00pm New and emerging pharmacological treatments of Heart Failure ■ Antonio Rapacciuolo (Naples, I)

03.10pm No pharmacological treatments of Heart Failure ■ Antonio Curcio (Catanzaro, I)

03.20pm Prevention of Sudden Cardiac Death in Heart Failure ■ Giuseppe Santaripia (Catanzaro, I)

03.30pm **Discussion**Expert panel: ■ Ennio Abramo (Catanzaro, I) ■ Vincenzo Amodeo (Polistena, I) ■ Vittorio Emanuele (Cosenza, I)
■ Giovanni Napolitano (Frattamaggiore, I) ■ Antonio Pangallo (Reggio Calabria, I)
■ Stefania Zinzi (Catanzaro, I)04.00pm **PHYSIOLOGY GOT TALENT** *(Session held in Italian)*Scientific Committee: ■ Roberto Ceravolo (Lamezia Terme, I) ■ Salvatore De Rosa (Catanzaro, I) ■ Paolo Golino (Naples, I)
■ Placido Grillo (Catanzaro, I) ■ Ciro Indolfi (Catanzaro, I) ■ Vincenzo Montemurro (Scilla, I)
■ Antonio Rapacciuolo (Naples, I)

Scientific abstract # 1: selected clinical case

Discussion

Scientific abstract # 2: selected clinical case

Discussion

04.30pm Closing remarks by the Course Director ■ Ciro Indolfi (Catanzaro, I)

04.45pm Best Case Award

28/29 giugno 2019**PRACTICAL CORNERS**

Auditorium – Edificio L – Primo piano

Practical Corner 1: Gestione degli accessi vascolari – Abbott Medical Italia**Practical Corner 2:** Gestione dell'accesso vascolare – Terumo/Gada**Practical Corner 3:** Co-registrazione morfologia/funzione - Philips**Practical Corner 4:** Gestione di complicanze in emergenza al simulatore – Medtronic Italia

Sabato, 29 giugno 2019

Aula Magna C – Edificio G **AREA MEDICA**

SIMPOSIO SATELLITE IN COLLABORAZIONE CON L'UNIONE NAZIONALE CHINESIOLOGI (UNC)

SIMPOSIO SATELLITE: UTILITÀ DELL'ESERCIZIO FISICO NELLA PREVENZIONE CARDIOVASCOLARE

Moderatori: **I** Giorgio Berloffia (Cuneo, I)
I Ciro Indolfi (Catanzaro, I)
I Luciani Novella (Roma, I)

- 09.00 Vantaggi del movimento
I Daniele Masala (Catanzaro, I)
- 09.15 Vantaggi dell'esercizio fisico sulla
prevenzione delle malattie cardiovascolari
I Ciro Indolfi (Catanzaro, I)
- 09.30 Il fit-walking e la camminata per il
Benessere
I Fausto Certomà (Roccella Ionica, I)
- 09.45 Orientamenti per una ginnastica
"controllata e protetta" svolta in ambiente
indoor
I Antonio Cosentino (Catania, I)
- 10.00 Valutazione funzionale per un corretto
esercizio fisico
I Antonio Ammendolia (Catanzaro, I)
- 10.15 **Discussione**
Expert panel: **I** Vittorio Emanuele (Cosenza, I)
I Gianpietro Emerenziani (Catanzaro, I)
I Teresa Ionà (Catanzaro, I)
I Angelo Lavano (Catanzaro, I)
I Maria Grazia Vaccaro (Catanzaro, I)
- 10.45 Coffee break

SIMPOSI SATELLITE PER INFERMIERI, TECNICI DI RADIOLOGIA E PERFUSIONISTI

SIMPOSIO 1: LA GESTIONE DEL PAZIENTE CRITICO E DELLE EMERGENZE IN UTIC

- Moderatori: **I** Vincenza Fullone (Catanzaro, I)
I Stefano Moscato (Vibo Valentia, I)
- 11.30 STEMI in arrivo!!! Qual è il percorso
assistenziale infermieristico?
I Sabato Tortorella (Pozzuoli, I)
- 11.40 La gestione delle complicanze post
procedurali in UTIC
I Pasquale Antonio Baldino (Catanzaro, I)
- 11.50 Gestione delle aritmie in UTIC: quale ruolo
per l'infermiere?
I Vincenzo Mesoraca (Crotone, I)

- 12.00 Sistemi di supporto cardiocircolatorio in
sala di emodinamica
I Antonio Curcillo (Catanzaro, I)

- 12.10pm **Discussione**
Expert panel: **I** Antonella Borgia (Catanzaro, I)
I Maria Bubba (Catanzaro, I)
I Claudia Musolino (Catanzaro, I)
I Annamaria Pugliese (Vibo Valentia, I)

SIMPOSIO 2: LA GESTIONE DELLA COMPLESSITÀ IN CARDIOLOGIA INTERVENTISTICA

- Moderatori: **I** Lucia Ferrise (Crotone, I)
I Ivano Mariano (Cosenza, I)
- 12.40 Il ruolo dell'infermiere nel cath-lab: gestione
emergenze e casi complessi
I Vito Scarnati (Cosenza, I)
- 12.50 La rapida evoluzione delle tecnologie
disponibili in sala
I Concetta Procopio (Catanzaro, I)
- 13.00 Complicanze durante intervento di TAVI in
sala di emodinamica: il ruolo dell'infermiere
I Gennaro Bevilacqua (Catanzaro, I)
- 01.10pm **Discussione**
Expert panel: **I** Ivan Critelli (Catanzaro, I)
I Stefania Donato (Catanzaro, I)
I Cinzia Rijitano (Catanzaro, I)
I Patrizia Torchia (Catanzaro, I)

LUNCHTIME SESSION: PRESENTE E FUTURO DELL'INFERMIERE IN CARDIOLOGIA

- Moderatori: **I** Antonio Fiore (Castrovillari, I)
I Anna Varano (Catanzaro, I)
- 13.40 Complicanze post-procedurali dell'emostasi
dell'arteria radiale
I Antonio Pilò (Catanzaro, I)
- 13.50 La preparazione del paziente per le
procedure di interventistica strutturale
I Antonio Mauro (Catanzaro, I)
- 14.00 Modello organizzativo di assistenza: i
processi clinici in UTIC
I Maria Teresa D'Ambrosio (Vibo Valentia, I)
- 14.10 La riabilitazione nel post-infarto
I Fabio Puccio (Catanzaro, I)
- 14.20 **Discussione**
Expert panel: **I** Angela Donato (Catanzaro, I)
I Manuela Sartoris (Catanzaro, I)
I Mariarosaria Sergio (Polistena, I)
I Anna Divina Torchia (Catanzaro, I)

GENERAL INFORMATION

Location

University Magna Graecia
Building L – Auditorium
Building G – Room C
Viale Europa Loc. Germaneto - Catanzaro, Italy

Target Audience

This Symposium is designed for anesthesiologists, cardiovascular surgeons, cardiologists, interventional radiologists, internists, perfusionists, cardiovascular nurses, residents, students and all other healthcare professionals involved in the care and treatment of patients with diseases of the aorta.

The participation is free.

Official Languages

Italian and English.

Simultaneous translation from Italian to English is provided.

Organizing Secretariat

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CATANZARO, CAMPUS OF GERMANETO, ITALY