

33^e GIORNATE CARDIOLOGICHE TORINESI



UNIVERSITÀ
DEGLI STUDI
DI TORINO

NOVELTIES IN CARDIOVASCULAR MEDICINE

A new day is coming

DIRECTORS

Gaetano Maria De Ferrari

Mauro Rinaldi

Fabio Verzini

Co-DIRECTORS

Fiorenzo Gaita

Sebastiano Marra

TURIN

November

4th - 5th 2021

STARHOTELS MAJESTIC

HOTEL CONCORD

TURIN PALACE HOTEL

In collaborazione con:



GVM
CARE & RESEARCH

**33^e Giornate
Cardiologiche
Torinesi**

HYBRID MEETING

SCIENTIFIC AND ORGANIZING COORDINATORS

Andriani Monica
Budano Carlo

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Gerosa Gino
Lerman Amir

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Boffini Massimo
Castagno Davide
Conrotto Federico
D'Ascenzo Fabrizio
La Torre Michele
Raineri Claudia
Salizzoni Stefano

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Deriu Marco Agostino, Torino
Di Chio Andrea, Torino
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Dyrda Alessandro, Torino
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Faletra Francesco, Lugano (CH)
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Grego Franco, Padova
Grimaldi Massimo, Acquaviva Delle Fonti (Ba)
Grosso Marra Walter, Ivrea (To)
Guagliumi Giulio, Bergamo
Guerra Federico, Ancona
Iacopino Saverio, Cotignola (Ra)
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Lerman Amir, Rochester (USA)
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Migliore Federico, Padova
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Milone Francesco, Torino
Moniaci Diego, Torino
Montefusco Antonio, Torino
Montericcio Vincenzo, Erba (Co)
Morbiducci Umberto, Torino
Moretti Claudio, Chivasso (To)
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Noussan Patrizia, Torino
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Pizzuti Alfredo, Torino
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Pontone Gianluca, Milano
Quarteroni Alfio, Milano
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Vaudano Giacomo Paolo, Torino
Verzini Fabio, Torino
Viskin Sami, Tel Aviv (ISR)
Zannad Faiez, Nancy (FR)
Zanon Francesco, Rovigo

Thursday 4th November **STARHOTELS MAJESTIC**
Sala Plenaria

8.45 Welcome greetings
*Gaetano Maria De Ferrari, Fiorenzo Gaita,
Sebastiano Marra, Mauro Rinaldi, Fabio Verzini*

CONGRESS OPENING LECTURES FROM TURIN

9.00 Top 5 most recent trials in heart failure
Gaetano Maria De Ferrari

9.15 Top 5 most recent trials in cardiovascular
prevention and chronic ischemic heart disease
Sebastiano Marra

9.30 Top 5 most recent trials in cardiac surgery
Mauro Rinaldi

9.45 ECG and sudden cardiac death
Fiorenzo Gaita

I SESSION ARTIFICIAL INTELLIGENCE AND CARDIOVASCULAR DISEASE

Chairpersons: Sebastiano Marra, Giuseppe Patti
*Experts: Marco Aldinucci, Piero Fariselli,
Umberto Morbiducci*

10.00 Machine learning in cardiology
Marco Agostino Deriu

NOVELTIES IN CARDI

Thursday 4th November **STARHOTELS MAJESTIC**

- 10.15 Artificial intelligence and acute coronary syndrome
Gaetano Maria De Ferrari
- 10.30 Artificial intelligence and TAVI *Fabrizio D'Ascenzo*
- 10.45 *Discussion*
- 11.00 *Coffee break*

II SESSION INNOVATION IN AORTIC DISEASE

Chairpersons: Andrea Gaggiano, Fabio Verzini

Experts: Massimo Maione, Diego Moniaci, Gianfranco Varetto

- 11.20 Preoperative cardiac workup of patients with aortic diseases *Anna Chiara Trompeo*
- 11.35 Distal arch interventions: new hybrid grafts or total endovascular solutions? A debate
Franco Grego, Davide Pacini
- 11.50 Acute aortic dissection: should we aim to obtain complete false lumen regression? *Santi Trimarchi*
- 12.05 Post dissection aortic aneurysms: medical therapy, follow up schedule, triggers for treatment
Mauro Gargiulo
- 12.20 **Cases of endovascular Arch repair:**
- semi custom made fenestrated endograft
- branched aortic endograft
Fabio Verzini
- 12.50 *Discussion*
- 13.10 *Lunch*

Thursday 4th November **STARHOTELS MAJESTIC** **CONGRESS OPENING LECTURES** **OVER THE ATLANTIC**

- 14.15 Top 5 most recent trials in coronary artery disease
Malcolm R. Bell
- 14.30 Mental and cardiac stress *Amir Lerman*
- 14.45 Innovations in vascular surgery and
 the Hippocratic oath *Peter Gloviczki*

III SESSION **NEW APPROACHES AND TECHNIQUES** **FOR AORTIC VALVE DISEASE**

Chairpersons: *Andrea Audo, Giuseppe Musumeci*

Experts: *Matteo Attisani, Alessandro Dyrda, Andrea Gagnor*

- 15.00 Are we good enough in aortic valve repair?
Gebrine El Khoury
- 15.15 TAVI for lone aortic regurgitation
Federico Conrotto
- 15.30 **Live in the box:** A complex case of transcatheter
 TAVI in conscious sedation
Michele La Torre, Federico Conrotto
- 15.45 Transcatheter TAVI: results and improvements
 of two-year experience
Michele La Torre
- 16.00 Minimal invasive approach in aortic surgery
Mauro Del Giglio
- 16.15 *Discussion*

Thursday 4th November **STARHOTELS MAJESTIC**

IV SESSION

ADVANCES IN TREATMENTS FOR MITRAL VALVE

Chairpersons: *Gino Gerosa, Claudio Moretti*

Experts: *Elvis Brscic, Pierluigi Omedè, Giovanni Speziali*

- 16.30 **Live in the box:** Transventricular mitral valve replacement
Stefano Salizzoni
- 16.45 **Live in the box:** Percutaneous edge-to-edge mitral valve repair *Antonio Montefusco*
- 17.00 Transventricular beating heart mitral valve repair: 5-year follow-up and future developments *Augusto D'Onofrio*
- 17.15 Beating heart mitral valve therapies: exploring the future *Fausto Castriota*
- 17.30 *Discussion*

V SESSION

WILL EXCEL TRIAL CHANGE OUR APPROACH TO PATIENTS WITH LEFT MAIN DISEASE?

Chairpersons: *Malcolm R. Bell, Maurizio D'Amico, Ferdinando Varbella*

Experts: *Michele De Benedictis, Francesco Milone, Mauro Pennone, Paolo Scacciatella*

- 17.45 New technologies for extreme CAD & **Live in the box**
Roberto Garbo, Elvis Brscic
- 17.55 Clinical case *Ovidio De Filippo*
- 18.10 No, was PCI really inferior? *Giulio Stefanini*
- 18.25 Yes CABG was deemed to be superior *Mario F.L. Gaudino*
- 18.40 *Discussion*
- 19.00 Day's close

OVASCULAR MEDICINE

A new day is coming

Friday 5th November **STARHOTELS MAJESTIC**

VI SESSION

A NEW ERA IN THE MANAGEMENT OF PATIENTS WITH HFrEF*Chairpersons: Maria Rosa Conte, Marco Metra**Experts: Mauro Feola, Gino Gerosa, Roberta Rossini*

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- 8.30 What can we expect from SGLT2 inhibitors?
Faiez Zannad
- 8.45 How to reduce hospitalization with pulmonary artery pressure home monitoring in HF patients
Philip Adamson
- 9.00 Can a genetic diagnosis lead to precision medicine?
Gianfranco Sinagra
- 9.15 The role of advanced imaging in refining diagnosis and prognosis of HF *Gianluca Pontone*
- 9.30 *Discussion*

VII SESSION

HOT CLINICAL TOPICS IN HF*Chairpersons: Massimo Boffini, Alessandra Chinaglia**Experts: Antonio Dellavalle, Patrizia Noussan, Maria Elena Rovere*

-
- 9.45 How will the new ESC HF guide lines change our practice? *Marco Metra*
- 10.00 Inflammatory cardiomyopathies: myth or reality?
Claudia Raineri
- 10.10 Advanced HF: when the going gets tough the tough get going *Stefano Pidello*
- 10.20 Acute HF: the importance of a proper work-up
Simone Frea
- 10.30 *Discussion*
- 10.45 *Coffee break*

Friday 5th November **STARHOTELS MAJESTIC**

VIII SESSION

FOCUS IN CARDIOVASCULAR IMAGING

Chairpersons: *Massimo Giammaria, Walter Grosso Marra*

Experts: *Gianluca Alunni, Angelo Sante Bongo, Giacomo Paolo Vaudano*

- 11.00 Echocardiographic-fluoroscopic fusion imaging:
a new era *Francesco Faletra*
- 11.15 Role of CoroCT: what's more? *Alessandro Depaoli*
- 11.30 Imaging and hologram *Andrea Di Chio, Paolo Fonio*
- 11.45 Artificial intelligence and imaging to guide
precision coronary procedures *Giulio Guagliumi*
- 12.00 *Discussion*

IX SESSION

FROM LEFT TO RIGHT SIDE: NEW APPROACHES FOR MITRAL AND TRICUSPID VALVES

Chairpersons: *Paolo Centofanti, Maurizio Taramasso*

Experts: *Luigi Biasco, Chiara Comoglio*

- 12.15 **Live in the box:** Transventricular mitral valve repair
Stefano Salizzoni
- 12.30 Transcatheter mitral valve edge-to-edge repair,
valve-in-valve in degenerated and functional
mitral valve *Francesco Maisano*
- 12.45 Transcatheter tricuspid valve intervention
Paolo Golino
- 13.00 *Discussion*
- 13.15 *Lunch*

Friday 5th November **STARHOTELS MAJESTIC**

X SESSION

NEW TRENDS IN ELECTROPHYSIOLOGY AND EMERGING CHALLENGES IN CARDIAC PACING

Chairpersons: *Leonardo Calò, Roberto De Ponti*

Experts: *Gianfranco Pistis, Marco Scaglione, Gaetano Senatore*

- 14.00 New frontiers in electrophysiology
Massimo Grimaldi
- 14.15 Atrial fibrillation transcatheter ablation:
which is the right timing? *Matteo Anselmino*
- 14.30 Hybrid ablation to improve persistent atrial
fibrillation outcomes *Emanuele Bertaglia*
- 14.45 Device detected atrial fibrillation: when and how
should we anticoagulate? *Giuseppe Boriani*
- 15.00 Atrial fibrillation ablation: cryoenergy first?
Saverio Iacopino
- 15.15 Atrial fibrillation treatment in individual patient
Leonardo Calò
- 15.30 *Discussion*

XI SESSION

UPDATE ON ARRHYTHMOGENIC SYNDROMES

Chairpersons: *Martin Borggreffe, Fiorenzo Gaita*

Experts: *Federico Migliore, Riccardo Riccardi*

- 15.45 Brugada Syndrome: lights and shadows in 2021
Sami Viskin

Friday 5th November **STARHOTELS MAJESTIC**

- 16.00 What's new in early repolarization?
Elisabetta Toso
- 16.15 What's new in long-QT syndrome? *Veronica Dusi*
- 16.30 Correlations between mitral valve prolapse
and arrhythmias *Carla Giustetto*
- 16.45 *Discussion*

XII SESSION INTERVENTIONAL ELECTROPHYSIOLOGY

Chairpersons: *Gaetano Maria De Ferrari, Antonio D'Onofrio*

Experts: *Federico Guerra, Giuseppe Stabile*

- 17.00 New frontiers and top studies in cardiac pacing
and defibrillation
Davide Castagno
- 17.15 Ventricular tachycardia, timing for ICD and
for interventional approach
Federico Ferraris
- 17.30 Left stellate ganglion block in VT storm
Simone Savastano
- 17.45 His-Purkinje conduction system pacing:
state of the art *Francesco Zanon*
- 18.00 *Discussion*
- 18.20 **LECTURE "Cardiac Amyloidosis"**
Claudio Rapezzi
- 18.40 Closing remarks

Thursday 4th November **HOTEL CONCORD****FOCUS IN ECHOCARDIOGRAPHY
AND CARDIOVASCULAR IMAGING
IN STRUCTURAL HEART DISEASE***Chairpersons: Agatella Barchitta, Claudia Raineri**Experts: Michele La Torre, Alfredo Pizzuti*

- 10.55 Introduzione *Gianluca Alunni*
- 11.00 Measurement of left ventricular ejection fraction in 3D-ecocardiographic era *Vincenzo Montericcio*
- 11.15 3D-Echocardiographic assessment of the right ventricle *Luigi Badano*
- 11.30 Mitral Regurgitation, Etiology and Quantification *Stefania Ferrua*
- 11.45 Mitral Stenosis, Measurements for native and prosthetic Valves *Elisa Pelloni*
- 12.00 Transcatheter Mitral Valve Repair: MitralClip, Pascal, Valve-in-Valve in Degenerated and functional Mitral Valve *Alessandro Vairo*
- 12.15 Perivalvular leaks: tips and tricks in echocardiography *Rodolfo Citro*
- 12.30 Pathologies of Tricuspid Valve and repair: CCH or Transcatheter Tricuspid Valve Repair? *Vincenzo Polizzi*
- 12.45 The role of echocardiography in diagnosing PFO/ASD in new era *Mauro Giorgi*
- 13.00 *Discussion*
- 13.45 Closing remarks

Thursday 4th November **TURIN PALACE HOTEL**

SYMPOSIUM
RESEARCH IN CARDIO-VASCULAR
SURGERY: WHAT TO EXPECT IN THE
NEXT 5 YEARS

Chairpersons: Franco Grego, Francesco Speziale

- 14.20 Introduction *Fabio Verzini*
- 14.30 Mathematical models of the heart and the circulation
Alfio Quarteroni
- 14.50 New developments in thoracic endografting based on information on aortic hemodynamic
Santi Trimarchi
- 15.10 The unmet needs in branch technology that will be reached in 5 years
Tara Mastracci
- 15.30 Where research in aortic surgery will make a difference in the next 5 years
Peter Gloviczki
- 15.50 *Roundtable*
Alessio Amico (La Spezia), Luca Arnuzzo (Genova), Enzo Forliti (Biella), Andrea Gaggiano (Torino), Alberto Guagliano (Alessandria), Massimo Marabotto (Pietra Ligure), Diego Moniaci (Torino), Paolo Mortola (Genova), Flavio Peinetti (Aosta), Carla Porta (Novara)
- 17.00 Closing remarks

OVASCULAR MEDICINE

A new day is coming

Thursday 4th November HOTEL CONCORD

PULMONARY HYPERTENSION, A MULTI-FACETED DISEASE: FALSE MYTHS AND ACKNOWLEDGED FACTS

Coordinators: *Walter Grosso Marra, Claudia Raineri*

Chairpersons: *Carlo Albera, Enrico Fusaro*

- 14.30 Definition and clinical classification:
let's shed some light *Claudia Raineri*
- 15.00 Echocardiogram: the origin of clinical suspicion?
Walter Grosso Marra
- 15.15 Diagnostic path: how to overcome the obstacles
Stefano Pidello
- 15.30 Risk stratification *Claudia Raineri*
- 15.45 *Discussion*
- 16.00 Therapeutic algorithm *Walter Grosso Marra*
- 16.15 Intensive care of patients with advanced
pulmonary arterial hypertension *Simone Frea*
- 16.30 Pulmonary hypertension in scleroderma:
the importance of a correct and early diagnosis
Renato Carignola
- 16.50 *Discussion*
- 17.00 Roundtable on shared experiences
of real life in daily practice
Walter Grosso Marra, Claudia Raineri
- 18.20 Closing remarks

Friday 5th November **TURIN PALACE HOTEL**

ECHOCARDIOGRAPHY AND STRUCTURAL HEART DISEASE

I SESSION

CLINICAL CASE COMPETITION

*Chairpersons: Gianluca Alunni, Antonella Fava,
Mauro Giorgi*

Experts: Enrico Cecchi, Alberto Milan

- 9.00 Hypertrophic Cardiomyopathy or Amyloidosis
and Infiltrative Cardiomyopathies
Guglielmo Gallone
- 9.30 Athlete's Heart, Left Ventricular Non Compaction
or Myocardial Remodeling in Hypertension
Alberto Milan
- 10.00 Are you sure that we are speaking about a severe
aortic stenosis? *Luca Scudeler*
- 10.30 My mitral disease is due to left ventricle
dysfunction or it's primitive
Matteo Belletini
- 11.00 I suffer from angina: I need a doctor specialized
for my illness
Salvatore D'Amico
- 11.30 *Discussion & poll*
- 12.30 *Lunch*

Friday 5th November **TURIN PALACE HOTEL**

II SESSION
**ECHOCARDIOGRAPHY AND
STRUCTURAL HEART DISEASE:
LIVE IN THE BOX**

Rotating hands-on mini-courses in interventional echocardiography using work-stations with expert mentoring

TIME: 14.00 - 17.00

Percutaneous mitral valve treatment screening

Tutor: Gianluca Alunni

Percutaneous tricuspid valve treatment screening and quantitative and functional VDX evaluation

Tutor: Alessandro Vairo

Percutaneous treatment screening of Left Auricle and PFO

Tutors: Lucia Garberoglio, Mauro Giorgi, Maria Stelitano

Friday 5th November **HOTEL CONCORD**

CONVEGNO INFERMIERISTICO

RESPONSABILI SCIENTIFICI

Andriani Monica
Carmeci Antonino

COMITATO ORGANIZZATORE

Ferraro Antonio
Gallo Lucio
Izzo Gennaro
Perano Paola

CREDITI ECM: 7

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Astegiano Valentina, Ciriè (To)
Barisone Michela, Novara
Bovolenta Gessica, Torino
Campagna Giuseppe, Torino
Carmeci Antonino, Torino
Cipolla Vanessa, Torino
Cirillo Angela, Torino
Condò Carola, Ciriè (To)
Dangelo Debora, Torino
Di Filippo Gerardo, Asti
Dimonte Valerio, Torino
Dusi Veronica, Torino
Farina Eleonora, Torino
Ferraro Antonio, Torino
Finiti Valentina, Torino
Franco Caterina, Asti
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Frigerio Simona, Torino

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Ghione Alessandra, Rivoli (To)
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Manieri Antonella, Novara
Nedelcu Tribocco Alina Maria, Torino
Oliverio Luca, Alessandria
Perano Paola, Torino
Ribetto Paolo, Torino
Riccardi Francesco, Rivoli (To)
Rivoldini Cristina, Torino
Rizzo Anella, Torino
Sasso Gina, Rivoli (To)
Sforzin Serena, Torino
Talarico Francesca, Torino
Zumbo Patrizia, Novara

Friday 5th November HOTEL CONCORD

8.30 Saluti di benvenuto
Gaetano Maria De Ferrari, Mauro Rinaldi

8.35 Apertura del Convegno *Valerio Dimonte*

**I SESSIONE
LE RELAZIONI UMANE:
UN BENE MAI DIMENTICATO**

Moderatori: *Antonio Ferraro, Lucio Gallo*

8.45 L'infermiere in Cardiochirurgia. L'evoluzione delle proprie competenze durante l'emergenza pandemica

Lorenzo Gastaldi, Alina Maria Nedelcu Tribocco

9.15 Infermieri di sala operatoria in era Covid: oltre le competenze *Angela Cirillo*

9.30 Un'esperienza "coinvolgente" durante la pandemia
Giuseppe Gallone

9.45 Inside-out: le emozioni
Eleonora Farina

10.00 *Discussione*

10.10 TAVOLA ROTONDA:
La relazione infermiere-paziente, la comunicazione, la continuità assistenziale

Eleonora Farina, Lucio Gallo, Paola Perano, Serena Sforzin

11.00 *Coffee break*

Friday 5th November **HOTEL CONCORD**

II SESSIONE INNOVAZIONI IN CAMPO CARDIOVASCOLARE

Moderatori: *Gessica Bovolenta, Caterina Franco*

- 11.20 Gestione multidisciplinare della Cardiomiopatia ipertrofica *Luca Oliverio*
- 11.35 Assistenza intraoperatoria al paziente con aneurisma dell'aorta addominale *Paolo Ribetto*
- 11.50 La denervazione simpatica cardiaca a scopo antiaritmico *Veronica Dusi*
- 12.05 Complicanza durante angioplastica complessa: recupero di DES a livello tibiale con la Twisting Wire Technique *Francesca Talarico*
- 12.20 La crioablazione nella fibrillazione atriale *Giuseppe Campagna*
- 12.35 Lo sviluppo delle JOBS per il personale di supporto in cardiologia *Patrizia Zumbo*
- 12.50 *Discussione*
- 13.10 *Lunch*
- 14.10 Lettura magistrale: "Competenze avanzate... un percorso irrinunciabile"
Simona Frigerio

Friday 5th November **HOTEL CONCORD**

III SESSIONE **IL PAZIENTE AD ALTO RISCHIO IN UTIC E IN EMODINAMICA**

Moderatori: *Gennaro Izzo, Anella Rizzo*

- 14.30 Shock cardiogeno: dall'incubo dell'ipotensione al paradigma dell'ipoperfusione
Simone Frea
- 14.45 Il trattamento dello shock cardiogeno in terapia intensiva: dai farmaci al supporto avanzato
Debora Dangelo, Eleonora Farina
- 15.00 Il contropulsatore aortico
Gerardo Di Filippo
- 15.15 Un ulteriore passo avanti: l'Impella
Antonella Manieri, Patrizia Zumbo
- 15.30 La circolazione extracorporea (ECMO) in emodinamica
Antonino Carmeci
- 15.45 Shock cardiogeno dall'ECMO al VAD
Valentina Finiti, Cristina Rivoldini
- 16.00 *Discussione*

Friday 5th November **HOTEL CONCORD**

**IV SESSIONE
IL FUTURO DELL'ASSISTENZA
CARDIOLOGICA:
PRONTI AL CAMBIAMENTO?**

Moderatori: *Valentina Astegiano, Gina Sasso*

- 16.15 Il controllo in remoto e i sistemi digitali a supporto dell'assistenza cardiovascolare
Michela Barisone
- 16.35 La telemedicina: un progetto non dimenticato
Carola Condò, Elisa Macario Ban
- 16.50 HUB e SPOKE: Rete ECMO Piemonte
Vanessa Cipolla
- 17.05 Aggiornamento delle competenze avanzate in Emodinamica
Alessandra Ghione, Francesco Riccardi
- 17.20 *Discussione*
- 17.35 Chiusura Lavori

INFORMAZIONI GENERALI

SEDI: **STARHOTELS MAJESTIC** C.so Vittorio Emanuele II, 54
HOTEL CONCORD Via Lagrange, 47
TURIN PALACE HOTEL Via Sacchi, 8

Il congresso è stato accreditato in presenza e in FAD.

DESTINATARI: Medici specialisti in Angiologia; Cardiologia; Endocrinologia; Geriatria; Malattie Metaboliche e Diabetologia; Medicina e Chirurgia di Accettazione e di Urgenza; Medicina Interna; Medicina dello Sport; Nefrologia; Neurologia; Pediatria; Reumatologia; Cardiocirurgia; Chirurgia Generale; Chirurgia Pediatrica; Chirurgia Toracica; Chirurgia Vascolare; Anestesia e Rianimazione; Neuroradiologia; Radiodiagnostica; Medicina Generale (Medici di Famiglia); Infermieri; Tecnici di Radiologia; Tecnico della Fisiopatologia Cardiocircolatoria e Perfusionazione Cardiovascolare;

CREDITI ECM EVENTO RESIDENZIALE

4 novembre mattina: 4 / pomeriggio: 4

5 novembre mattina: 4 / pomeriggio: 4

CREDITI ECM EVENTO FAD

4 novembre mattina: 6 / pomeriggio: 6

5 novembre mattina: 6 / pomeriggio: 6

FOCUS IN ECHOCARDIOGRAPHY AND CARDIOVASCULAR IMAGING IN STRUCTURAL HEART DISEASE

CREDITI ECM: 4

PULMONARY HYPERTENSION, A MULTI-FACETED DISEASE: FALSE MYTHS AND ACKNOWLEDGED FACTS

CREDITI ECM: 4

CLINICAL CASE COMPETITION + ECHOCARDIOGRAPHY AND STRUCTURAL HEART DISEASE: LIVE IN THE BOX

CREDITI ECM: 9,1

PROVIDER: SUMMEET srl (n. 604)

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