

CHANGE IN CARDIOLOGY 3.0

→ *Provider ECM:*

SUMMEET SRL – ID 604

→ *Date:*

30/31 marzo e 01 aprile 2023

→ *Tipologia:*

RES

→ *Sede:*

Centro Congresso Lingotto
Via Nizza, 280
10126 Torino
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→ *Responsabili Scientifici:*

*Dr. Giuseppe Musumeci (Torino)
Prof. Giuseppe Patti (Novara)
Dr. Ferdinando Varbella (Rivoli, TO)*

→ *Obiettivo:*

Fornire un aggiornamento ai discenti sui temi emergenti, migliorare le capacità relazionali e comunicative, fare acquisire conoscenze teoriche e pratiche sulle recenti innovazioni, motivare il proprio paziente al proseguimento della terapia e renderlo consapevole dell'elevato rischio che comporta la non prosecuzione o avviamento della stessa.

→ *Partecipanti:*

500 Medici (Cardiologia, Medicina Interna, Ematologia, Medicina di Accettazione ed Urgenza, Neurologia, Medicina Generale, Malattie Metaboliche e Diabetologia, Geriatria, Chirurgia Vascolare)

RAZIONALE SCIENTIFICO

La continua evoluzione delle conoscenze in ambito cardiovascolare rende fondamentale il costante aggiornamento di tutte le figure professionali che collaborano quotidianamente nella cura di pazienti sempre più complessi. I progressi in ambito interventistico coronarico, valvolare ed aritmologico hanno trasformato la nostra specializzazione da una disciplina esclusivamente clinica medica in una realtà sempre più affascinante caratterizzata dall'introduzione di nuove metodiche diagnostiche, terapeutiche affiancate dalle più moderne terapie farmacologiche. Nessun ambito come la Cardiologia unisce differenti competenze professionali che vanno dalla **Terapia Intensiva** con i farmaci antiaggreganti e anticoagulanti per le patologie ischemiche e nuovi trattamenti per lo scompenso cardiaco in fase acuta, all'**Ambulatorio** con il trattamento dello scompenso cardiaco cronico e dell'ipercolesterolemia mediante farmaci tradizionali affiancati da nuovi agenti bloccanti la catena della sintesi e la proteina PCSK9. All'interno della struttura Cardiologica che garantisce l'unicità e la centralità del paziente intervengono i Laboratori di **Emodinamica** e di **Elettrofisiologia** con le loro ultime evoluzioni tecnologiche che permettono di trattare in modo sempre più efficace e meno invasivo sia i disordini del ritmo cardiaco che le patologie coronarie e in ultimo anche quelle valvolari in casi selezionati. E costante nella strategia clinica quotidiana lo scambio di informazioni con tutte le altre figure professionali dedicate alla fase acuta come i **Cardiochirurghi, i Chirurghi vascolari** ma anche con specialisti operanti a livello ospedaliero e

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ambulatoriale come i **Diabetologi** che garantiscono la continuità delle cure anche nel lungo termine.

Nel congresso CHANGE saranno sviluppate in sessioni plenarie le tematiche che uniscono tutti questi professionisti con un modello formativo interattivo mediante dibattiti, controversie e discussioni tra esperti. Nelle sale tematiche parallele si confronteranno invece i Cardiologi Interventisti aritmologi ed emodinamisti con presentazione di **casi clinici dal vivo (che sono la vera novità di questa edizione)** e procedure registrate nelle camere operatorie (live in the box) e gli Infermieri Professionali con una sessione completa a loro dedicata.

PROGRAMMA SCIENTIFICO

Thursday 30th March 2023

09.30 Registration desk

09.45 Opening session

ROOM Copenhagen

**10.00 – 13.30
ECHO COURSE**

10.00 Introduction and session presentation

10.15 Clinical Case – Torino, Mauriziano Hospital

10.35 Clinical Case – Novara

10.55 Clinical Case – Ciriè (TO)

11.15 Clinical Case – Vercelli

11.35 Clinical Case – Orbassano (TO), San Luigi Hospital

11.55 Clinical Case – Rivoli (TO)

12.15 Clinical Case – Biella

12.35 Clinical Case – Torino, Maria Vittoria Hospital

12.55 LECTURE: the mitral clip in instructive hypertrophic cardiomyopathy

13.15 Conclusions e take-home message

13.30 Session closure

ROOM Dublino**10.00 – 13.30
ECG COURSE**

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|-------|---------------------------------------|
| 10.00 | Introduction and session presentation |
| 10.15 | Clinical Case – Asti |
| 10.35 | Clinical Case – Moncalieri (TO) |
| 10.55 | Clinical Case – Alessandria |
| 11.15 | Clinical Case – Torino |
| 11.35 | Clinical Case – Aosta |
| 11.55 | Clinical Case – Cuneo |
| 12.15 | Clinical Case – Verbania |
| 12.35 | Clinical Case – Chivasso (TO) |
| 12.55 | Clinical Case – Torino |
| 13.15 | Conclusions e take-home message |
| 13.30 | Session closure |

ROOM Parigi**10.00 – 18.30 NURSING SESSION**

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| 10.00 | Saluti iniziali |
| 10.35 | Introduzione del Corso e presentazione degli obiettivi |
| SCIENTIFIC PROGRAM TBD | |
| 18.15 | Take home message |
| 18.30 | Chiusura dei lavori |

ROOM Madrid**10.00 – 13.30
CHANGE COMPLEX CORONARY INTERVENTIONS AND CTO**

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| 09.45 | LIVE CASES
From Niguarda Hospital, Milan
and from Genoa Hospital |
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CHANGE COMPLEX CORONARY INTERVENTIONS AND CTO: Clinical Experience

- 11.00 LECTURE: Modern approach to CTO
- 11.15 LIVE IN THE BOX Coronary perforation with Simulation lab
- 11.45 LIVE IN THE BOX CTO PATIENT
Gabriele Gasparini
- 12.00 LIVE CASES
From Niguarda Hospital, Milan
and from Genoa Hospital
- 13.00 LECTURE: Imaging evaluation of vulnerable plaque
- 13.10 LECTURE: All the possible application of the DCB technology
- 13:20 Discussion
- 13.30 Session closure

13.30 – 14.30
Lunch

14.30 – 18.30
FROM DEVICES TO THERAPIES

ROOM Madrid

14.30 – 16.00 CTO AND CHRONIC CORONARY SYNDROMES

- 14.30 LIVE introduction from Mauriziano
(*the procedure will be displayed in the background*)
- 14.45 Optimal anti-ischemic medical treatment in chronic coronary syndromes (CCS)
- 14.55 LIVE IN THE BOX: left main and bifurcation lesions with simulation lab
- 15.25 LECTURE: modern approach to bifurcation lesions
- 15.35 LECTURE: left main treatment: the latest evidences
- 15.45 Discussion and LIVE cases from Rivoli and Mauriziano CTO procedure
- 16.00 Coffee break

16.30 – 18.30 ACUTE CORONARY SYNDROMES

16.30 – 17.15 Medical and interventional treatment in complex coronary settings

- 16.30 Short and long-term antithrombotic treatment after complex PCI: clinical case

- 16.40 Long-term antithrombotic treatment: the dual antiplatelet therapy (DAPT) approach
- 16.50 Long-term antithrombotic treatment: the dual pathway inhibition (DPI) approach
- 17.00 DISCUSSION and LIVE CORONARY INTERVENTION FROM Rivoli
- 17.15 – 18.30 Lipid-lowering agents and antithrombotic therapy in the acute phase**
- 17.15 Clinical Case: Lipid-lowering agents after complex PCI
- 17.25 Lecture: Kill lipids after ACS and PCI: fast-track of I-PCSK9 in JET-LDL Registry
- 17.35 LECTURE: How to deal with residual risk beyond LDL: the role of icosapent ethyl
- 17.45 Lecture: How to deal with patients with homozygous familiar hypercholesterolemia?
- 17.55 Lecture: Intravenous antiplatelet therapy in patients undergoing PCI: The Arcangelo lesson
- 18.05 Lecture: Kill lipids in very high-risk patients: The role of Inclisiran
- 18.15 Discussion
- 18.30 Session closure

ROOM London

14.30 – 16.30 ARRHYTMIAS AND HEART FAILURE. PART 1

- 14.30 DISCUSSION and LIVE EP INTERVENTION FROM **Novara**
Bundle stimulation for physiological pacing
- 14.45 Artificial Intelligence and real monitoring of Atrial Fibrillation: the clinical role of last generations Technologies
- 14.55 How to treat atrial fibrillation in patients with heart failure?
- 15.05 How to predict heart failure in patient with device therapy
- 15.20 Cardiac Resynchronization Therapy (CRT): clinical case & tips, tricks and pitfalls
- 15.30 Discussion LIVE EP INTERVENTION FROM Rivoli and Novara
- 16.00 Coffee break

16.30 – 18.30 ARRHYTMIAS AND HEART FAILURE. PART 2

16.30 – 17.15 Predicting and preventing sudden cardiac death

- 16.30 Subcutaneous ICD in structural heart disease: clinical case
- 16.40 Sudden death in structural heart disease: an overview

- 16:50 Emerging Medical Treatment for Hypertrophic Cardiomyopathy
- 17.00 Takotsubo syndrome: new diagnostic features and future therapeutic perspectives
- 17:10 Introduction LIVE EP INTERVENTION FROM Rivoli, Pinerolo ASL TO3 (**Electroporation Atrial Fibrillation Ablation**)
- 17.15 – 18.30 Newest pharmacologic agents in the treatment of heart failure and atrial fibrillation**
- 17.15 Management of Hyperkalemia in HF: the new molecules
- 17.25 SGLT2 inhibitors across the broad spectrum of Ejection fraction
- 17.35 Direct oral anticoagulants: ten-year journey
- 17.45 Direct oral anticoagulants in patients treated with structural intervention
- 17.55 DOACs in patients with HF
- 18.05 Discussion
- 18.30 Session closure

Friday 31st March 2023

**08.15 – 13.40
LATEST FRONTIERS IN INTERVENTIONAL AND CLINICAL CARDIOLOGY**

ROOM 500 – Main hall

08.15 – 09.10 LIVE CASES FROM BRESCIA AND VERONA

09.10 – 09.40 OPENING CEREMONY

09.40 – 10.40 A GLIMPSE INTO THE FUTURE OF CARDIOVASCULAR THERAPY

- 09.40 The SGLT2-I paradigm shift in clinical practice: how to optimize treatment in HFrEF and HFpEF
- 09.50 Early initiation of I-PCSK9 and continued LDL-C reduction to maximize clinical benefit
- 10.00 P2Y12 inhibitor choice in ACS: study evidence and reality
- 10.10 ESC guidelines reappraisal: when to do or non to do Atrial Fibrillation ablation
- 10.20 Discussion
- 10.40 Coffee break

11.00 – 12.00 LIVE CASES FROM BRESCIA AND VERONA**12.00 – 12.40 THE MASTER LECTURES**

- 12.00 Edge-to-edge mitral valve repair: solid data and a prosperous future
12.10 TAVI: A state of the art on durability
12:20 New therapeutic strategy for long QT syndrome

12.40 – 13.40 BURNING DEBATES**BURNING DEBATE 1: Structural****TAVI: choosing the device for the right patient**

- 12.40 Ballon expandable
12.47 Self Expandable
12.54 Discussion and vote

BURNING DEBATE 2: The future of antithrombotic therapy in ACS patients

- 13.00 The European view
13.07 The US view
13.14 Discussion and vote

BURNING DEBATE 3: Predischarge therapy in HFREF patient. Which is the priority on top of BB?

- 13.20 ARNI
13.27 SGLT-2 inhibitors
13.34 Discussion and vote

13.40 – 15.00**Lunch****ROOM 500****15.00 – 16.00 LIVE CASES FROM MAURIZIANO AND NOVARA HOSPITAL**

NOVARA (TAVI Navitor)
MAURIZIANO (TAVI Accurate)

- 16:00 *MASTER LECTURE INSIDE THE LIVE*
The role of 3D in clinical practice
16.10 Coffee break

ROOM London**15.00 – 16.00 Vascular atherothrombotic disease: a multidisciplinar approach**

- 15.00 Clinical Scenario: polyvascular patient
15.10 EXPERT: Lipid lowering and dual pathway inhibition therapy in PAD

15.25 EXPERT: endovascular and surgical treatment of PAD

15.35 EXPERT: network cardiologist and vascular surgeon

15.45 Discussion

16.00 Coffee break

16.30 – 17:00 Diabetes and Myocardial Infarction

16.30 Clinical Scenario: Diabetic patients with ACS treated with PCI

16.35 EXPERT: GLP-1 receptor agonist in diabetic patients with history of acute coronary syndrome

16.45 Scenario's Solution

16.50 Discussion

17.00 – 18.00 Lipid-lowering combination therapy to reduce cardiovascular events

17.00 Combination therapy high-intensity statin, ezetimibe should be the first line treatment in very high-risk patients

17.10 Prolonged and pronounced LDL lowering with I-PCSK9: The legacy effect of starting early

17.20 The new oral add-on option for lowering LDL in hight and very hight risk patient

17.30 Can we eradicate atherosclerosis? New targets and new drugs

17:40 Discussion

18.00 – 18.30 Anticoagulant therapy in complex clinical settings

18.00 Clinical Scenario: elderly and frail patient with chronic kidney disease

18.05 EXPERT LECTURE: CKD and frail patient

18.15 Scenario's Solution

18.20 Discussion

18.30 Session closure

ROOM Madrid

15.00 – 16.00 STRUCTURAL HEART INTERVENTIONS: Not only TAVI

15.00 – 15:30 LIVE INTERVENTION FROM RIVOLI HOSPITAL: Left atrial appendage closure

15.30 EXPERT: Edge-to-edge mitral repair update

- 15.40 EXPERT: LAA closure update
 15.50 EXPERT: Echocardiography guidance of Mitral and LAA intervention
 16.00 Coffee break

16.30 – 17.30 THE ROLE OF NEW PARENTERAL ANTIPLATELET THERAPY

- 16.30 Lecture: Intravenous antiplatelet therapy in patients undergoing PCI: why and when
 16.40 Clinical Scenario: STEMI undergoing primary PCI
 17.00 Clinical Scenario: NSTEMI without oral pre-treatment
 17.20 LECTURE: Early subcutaneous antiplatelet pre-treatment in ACS

17.30 – 18.40 NOVELTIES IN CARDIOVASCULAR MEDICINE

- 17.30 Renal Denervation: the new era of the hypertension treatment
 17.40 Treatment of cardiac amyloidosis
 17.50 INOCA-MINOCA from diagnosis to treatment
 18.00 Heart failure second line therapy
 18.10 Iron deficiency in heart failure: beyond anemia
 18.20 Discussion
 18.40 Session closure

ROOM Parigi

15.00 – 16:00 Clinical Competence in ICCU: Acute heart failure – State of the art 2021

- 15.00 Clinical Case of Acute Heart Failure
 15.10 Lecture: Management of acute heart failure from the acute phase to follow-up
 15.20 Lecture: Optimal medical management: contemporary role of IV vasodilators and inotropes
 15.30 Percutaneous Mechanical Circulatory Support in Cardiogenic Shock
 15.40 Case Conclusion
 15.45 Discussion
 16.00 Coffee Break

16.30 – 17.30 RESIDUAL RISK REDUCTION: Stepwise approach Game over

- 16.30 Clinical Scenario: Primary PCI in patient with LDL > 70 mg/dl altought statin therapy
- 16.40 EXPERT: Plaque stabilization and regression after ACS with I-PCSK9
- 16.50 EXPERT: The end of Stepwise approach: now is time of fast track
- 17.00 Scenario's Solution
- 17.05 Moderated Discussion

17.30 – 18:00 GLP-1 receptor agonist in patients with cardiovascular disease

- 17.30 Clinical Scenario: Diabetic patients with CAD/PAD
- 17.35 EXPERT: GLP-1 receptor agonist in patients with cardiovascular disease: primary and secondary prevention
- 17.45 Scenario's Solution
- 17.50 Discussion

18.00 – 18:30 PHYSIOLOGY AND INTRAVASCULAR IMAGING

- 18.00 Lecture - Functional and Imaging guidance today
- 18.10 Clinical Case: Maximal hyperemia FFR and imaging
- 18.20 Clinical Case: IVUS and OCT guided PCI Optimization in complex setting
- 18.30 Session closure

Saturday 1st April 2023

09.00 – 14.00

PRACTICAL CLINICAL THEATERS IN CARDIOLOGY OF THE PRESENT AND THE FUTURE

ROOM Parigi

09.00 – 14.00 CORONARY INTERVENTION. SHARE YOUR EXPERIENCE!

- 09.00 Clinical case: PCI for complex Left main disease
- 09.20 Clinical case: A Challenging coronary bifurcation
- 09.40 Clinical case: Intravascular lithotripsy for severe calcific coronary lesions
- 10.00 Clinical case: DCB in diffuse coronary disease

- 10.20 Clinical case: Cutting balloon for severe and diffuse coronary calcifications
- 10.40 Clinical Case: Bioabsorbable Scaffolf coronary stent
- 11.00 Coffee break
- 11.20 Clinical case: PCSK9 inhibitors at discharge in ACS: a JET LDL patient
- 11.40 Clinical case: OCT-guided PCI
- 12.00 Clinical case: Renal denervation with second generation device
- 12.20 Clinical case: Functional guidance for PCI
- 12:40 Functional evaluation in PCI: when, where and how
- 12.50 Imaging evaluation in PCI: when, where and how
- 13.00 Discussion and Conclusions
- 13.30 Final thanks and event conclusion

ROOM Madrid

09.00 – 14.00 STRUCTURAL INTERVENTION. SHARE YOUR EXPERIENCE!

- 09.00 Clinical case: Edge to Edge mitral valve repair: the PASCAL system
- 09.20 Clinical case: G4 Edge to edge repair: multiple sizes for a tailored approach
- 09.40 Clinical case: Tricuspid valve repair
- 10.00 Clinical case: LAA occluder for stroke prevention
- 10.20 Clinical case: PFO Closure
- 10.40 Clinical case: A suture-based approach for PFO closure
- 11.00 Coffee break
- 11.30 Clinical case: Self-apposing TAVR in horizontal aorta
- 11.45 Clinical case: Balloon-expandable TAVR in severe bicuspid aortic stenosis
- 12.00 Clinical case: Top-down self-apposing TAVR deployment
- 12.15 Clinical case: Balloon-expandable TAVR in degenerated self-apposing TAVI
- 12.30 Clinical case: Self-expandable TAVR for valve-in-valve procedure
- 12.45 Clinical case: Novel self-expandable supra-anular TAVR

- 13.00 Discussion and Conclusions
14.00 Final thanks and event conclusion

ROOM Londra

09.00 – 14.00 ARRHYTMIAS AND CARDIAC RHYTHM MANAGEMENT. SHARE YOUR EXPERIENCE!

- 10:10 Radiofrequency in AF trans catheter ablation: update
10.20 Beyond radiofrequency in AF trans catheter ablation
10.30 Clinical case: The subcutaneous implantable cardioverter-defibrillator repositioning
10:45 Discussion
11.00 Coffee break
11.30 How to choose appropriate direct oral anticoagulant for patient with atrial fibrillation
11.40 Lecture: The value of long-term monitoring in patient with previous MI with ICM: does it reduce MACE?
11.50 Clinical case: The AV Leadless pacemaker
12.05 Lecture: Physiological pacing: stimulation of the left bundle branch
12.15 Clinical Case: Cryoablation
12.30 Lecture: Ablation therapy in Brugada Syndrome
12.40 Lecture: VT and Sudden death 2022 European guidelines revisited
12:50 Lecture: Sudden death in LV dysfunction: the role of the wearable cardioverted defibrillator
13.00 Discussion
13.30 Conclusions
14.00 Final thanks and event conclusion