

Target Audience
Medical doctors and pharmacists, nurses or other health-care professionals who are interested in infection prevention and control.

- Faculty Members**
- Antonella Agodi, Catania, Italy
 - Luca Arnoldo, Udine, Italy
 - Pamela Barbadoro, Ancona, Italy
 - Silvio Brusaferro, Rome, Italy
 - Maria Campanella, Palermo, Italy
 - Rafael Canton, Madrid, Spain
 - Maria Grazia Cattaneo, Italy
 - Pierangelo Clerici, Legnano, Italy
 - Paolo D’Ancona, Rome, Italy
 - Giulia De Angelis, Rome, Italy
 - Marco Falcone, Pisa, Italy
 - Antonio Ferro, Trento, Italy
 - Domenico Mantoan, Rome, Italy
 - Andea Marino, Catania, Italy
 - Claudio Mastroianni, Rome, Italy
 - Monica Monaco, Rome, Italy
 - Maria Mongardi, Verona, Italy
 - Maria Luisa Moro, Bologna, Italy
 - Alessandra Mularoni, Palermo, Italy
 - Cristina Mussini, Modena, Italy
 - Rosaria Palermo, Catania, Italy
 - Angelo Pan, Cremona, Italy
 - Cesira Pasquarella, Parma, Italy
 - Gaetano Privitera, Pisa, Italy
 - Annibale Raglio, Bergamo, Italy
 - Gian Maria Rossolini, Florence, Italy
 - Michela Sabbatucci, Rome, Italy
 - Maurizio Sanguinetti, Rome, Italy
 - Massimo Sartelli, Macerata, Italy
 - Mario Sarti, Modena, Italy
 - Roberta Siliquini, Torino, Italy
 - Stefania Stefani, Catania, Italy
 - Marco Tinelli, Milano, Italy
 - Pier Luigi Viale, Bologna, Italy
 - Mario Venditti, Rome
 - Carla Maria Zotti, Torino, Italy

CME Accreditation
The organizers of the module have applied for European CME accreditation through EACCME.

Contact

Contact Person

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Organization

Module Venue
Aula Magna Torre Biologica
Via Santa Sofia 97
95123 Catania

Registration procedure
Register now online on the ESCMID website at:
www.surveymonkey.com/r/39CLWHJ

The registration deadline is 15 april 2023

Registration Fee
EUCIC trainee: Automatic registration
ESCMID or AMCLI, ANIPIO, SIFO, SIMPIOS, SItI, SIM and SIMIT member: **400 Euro plus Tax**
No ESCMID or, AMCLI, ANIPIO, SIFO, SIMPIOS, SItI, SIM and SIMIT member: **450 Euro plus Tax**
Nurses and healthcare professionals student: **300 Euro plus Tax**

The fee includes course registration, course materials, coffee-breaks and lunch. Dinner, travel and accommodation are not included.

The course will be provided for 60 participants

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EUCIC

EUROPEAN COMMITTEE ON INFECTION CONTROL

European Society of Clinical Microbiology and Infectious Diseases

ESCMID Postgraduate Education Course

EUCIC local module for Infection Prevention and Control

Management of “pandemic” MDROs: is it still simple and feasible?

Catania, Italy
10 – 12 May 2023



ESCMID Postgraduate Education Course

EUCIC local module for Infection Prevention and Control
Management of “pandemic” MDROs: is it still simple and feasible?

Organisers
European Committee on Infection Control (EUCIC) of the European Society of Clinical Microbiology and Infectious Diseases (ESCMID)
Italian National Committee of EUCIC

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Cesira Pasquarella, Parma, Italy
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Stefania Stefani, Catania, Italy
Marco Tinelli, Milano, Italy









Module Programme

Wednesday, 10 May 2023

Updated Methodology to tackle MDROs

Keywords: Infections, Bacteria, Laws and Rules
Location: Aula Magna Torre Biologica
Chairs: Pierangelo Clerici, Stefania Stefani

08:00 – 08:30 Registration and coffee

08:30 – 08:45 Welcome from Francesco Priolo
[Rector University of Catania]

08:45 – 09:00 Presentation of the Course
Antonella Agodi, Stefania Stefani

09:00 – 09:30 Healthcare Associated Infections: An Overview
Silvio Brusaferro

09:30 – 10:00 Gram Negative Multi-resistant bacteria:
evolution and diffusion of resistances in
Europe and in Italy
Gian Maria Rossolini

10:00 – 10:30 Something more besides MRSA?
Stefania Stefani

10:30 – 11:00 What are the priorities? Group work

11:30 – 11:30 Coffee Break

11:30 – 12:00 Dynamics of MDROs: management from
hospital to household setting
Marco Tinelli

12:00 – 12:30 Multimodal improvement strategies in
infection control
Luca Arnoldo

12:30 – 13:00 Quality and safety management of HCAI
Maria Grazia Cattaneo

13:00 – 13:30 What we should apply? Group work

13:30 – 14:15 Lunch break

14:15 – 14:45 The contribution of the clinical microbiology lab
Giulia De Angelis

14:45 – 15:15 MDR and in vitro testing: pitfalls, limit and necessity
Rafael Canton

15:15 – 15:45 The bug's point of view: Traditional and innovative
diagnostic techniques
Maurizio Sanguinetti

15:45 – 16:15 Surveillance by Microbiology (alert, outbreaks,
cumulative reports)
Mario Sarti, Annibale Raglio

16:15 – 16:30 Coffee Break

16:30 – 17:30 Round Table: Surveillance and prevention
techniques for MRSA, CRE and CRAB: comparing
experiences
Annibale Raglio
Active surveillance and prevention of donor derived
infections: The ISMETT experience
Alessandra Mularoni
“Threshold” approach: an italian experience
Cristina Mussini

Thursday, 11 May 2023

The development of a control and prevention system through:
Research, Surveillance and Precautions
How can we promote the behavior change, how can we develop and
implement the surveillance, the prevention and control interventions of
HAI and of MDR bacteria?
Can we make it simple, applicable and repeatable?
Location: Aula Magna Torre Biologica
Chairs: Antonio Ferro, Maria Luisa Moro

09:00 – 09:30 Recovery plan of Europe: state of the art
Domenico Mantoan

09:30 – 10:00 Designing a surveillance system in health care
facilities: the laboratory-based perspective
Monica Monaco

10:00 – 10:30 Designing a surveillance system in health care
facilities: the patient-based perspective
Antonella Agodi

10:30 – 11:00 Analysis of data and methods of description and
Infection prevalence surveys
Carla Maria Zotti

11:00 – 11:30 Coffee Break

11:30 – 12:00 Surveillance and outbreak management:
definitions and methodology
Pamela Barbadoro

12:00 – 13:00 What is simple and repeatable? Group work

13:00 – 14:00 Lunch break

14:00 – 14:30 Hand hygiene according to the WHO project: theory
and hospital practice
Maria Campanella

14:30 – 15:00 Standard and contact precautions
Rosaria Palermo

15:00 – 15:45 Enviromental Hygiene
Cesira Pasquarella, Gaetano Privitera

15:45 – 16:15 What is simple and repeatable? Group work

16:15 – 16:30 Coffee Break

16:30 – 17:30 Round Table: Effectiveness of prevention strategies
Paolo D'Ancona, Michela Sabbatucci, Roberta Siliquini

Friday, 12 May 2023

The correct use of Antibiotics and Bundles for the prevention of HAI
Do we know the best way to improve antimicrobial stewardship? What
education and training can be useful?
Location: Aula Magna Torre Biologica
Chairs: Claudio Mastroianni, Maria Mongardi

09:00 – 09:30 The Anti-Microbial Stewardship project SAVE
Cristina Mussini

09:30 – 10:00 The new antibiotics: place in therapy
Marco Falcone

10:00 – 10:30 The appropriateness of antimicrobial therapy in
clinical practice
Mario Venditti

10:30 – 11:00 The antimicrobial stewardship as a step vs precision
medicine
Pier Luigi Viale

11:00 – 11:30 Coffee Break

11:30 – 12:00 Management of the indwelling catheter
Maria Campanella

12:00 – 13:00 Predictors of mortality in BSI/sepsis
Angelo Pan

13:00 – 14:00 Lunch break

14:00 – 14:30 Prevention of surgical site infection
Maria Luisa Moro, Massimo Sartelli

14:30 – 15:00 Prevention of Pneumonia
Andrea Marino

15:00 – 16:00 Exam

16:00 – 17:00 From theory to practice. How much the contents and
the proposals of the course are applicable in the
local realities?
Group work

Infection, Prevention and Control, diagnostic and treatment

Module objectives

Antimicrobial resistance is a key issue affecting public health and constitute the origin of major outbreaks in healthcare settings, world-wide. Transmission and persistence of multidrug-resistant organisms (MDROs) are determined by several conditions, including the presence of vulnerable patients, the selective pressure exerted by antimicrobial use, and the impact of adherence to prevention strategies (e.g. hand hygiene, active surveillance, education and training programs).

It is well-known the importance of the appropriate use of antibiotics in the clinical practice; however, making the correct antibiotic prescription is challenging, and diagnostic microbiology laboratories are essential for prompt recognition of resistant isolates. Determination of susceptibility or resistance using phenotypic tests is a 'gold standard' against which newer technologies are compared in terms of performance, cost and ease of use. Molecular methods for detecting resistance are used widely and would impact more directly on patient care being a valuable infection tools by rapidly confirmin colonization or infections by resistant organisms.

Similarly, the engagement in the fight against healthcare associated infections (HAI) have a clear understand-ing of the distance between theoretical knowledge and clinical and care practice and of a clear way to make it simple, applicable, feasible and repeatable. An example: we know everything about the importance of hand hygiene, but when we look at its application, we are happy if it is carried out at least in half of the opportunities. Indeed, the management of HAIs requires the development and implementation of appropriate infection prevention and control (IPC) policies and practices. Strengthening effective IPC strategies, summarized in eight core components by the WHO, should be crucial for ensuring readiness to respond to outbreaks and improving quality of care in all healthcare settings. In this context, implementing a multi-disciplinary process to monitor and improve adherence to recommended practices is needed to address global and local threats from infectious diseases.

So, we asked ourselves if it was not the case to promote initiatives to give knowledge, to promote behaviour change, to organize the surveillance, prevention and control interventions of HAI.

The course that we propose, to be really meaningful for the operators who will take part in it, will not be purely theoretical but interactive.

The course is meant to spread the culture and the knowledge about HAI prevention and control and of MDRO detection and therapies by education and motivation to obtain a behavior change with a comprehensive vision of prevention, surveillance, control of infections and therapies.

The participants will learn about the international and Italian epidemiology of MDROs and about the recommendations and guidelines to control MDROs spread comparing different international experiences. The participants will be able to implement infection control procedures from hand hygiene to surveillance of MDROs and HAI and to apply stewardship programs.