Organizers
• European Committee on Infection Control (EUCIC) of the European Society of Clinical Microbiology and Infectious Diseases
• Associação de Infecciologistas do Norte

Module Coordinators
• Carlos Lima Alves, Porto, Portugal
• Maria de Lurdes Santos, Porto, Portugal
• Nuno Rocha Pereira, Porto, Portugal

Antimicrobial Therapy and Stewardship Module objectives: This five-day module will cover both basic and advanced content about antimicrobial therapy and antimicrobial stewardship.

The module will focus on the following subjects:
• Basic pharmacology of antimicrobials
• Antimicrobial resistance
• Clinical use of antimicrobials
• Antimicrobial stewardship

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• Maria de Lurdas Santos, Porto, Portugal
• António Sarmento, Porto, Portugal
• Margarida Tavares, Porto, Portugal
• Rui Veiga, Porto, Portugal

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Module Programme

Monday, 15 October 2018

Basic Pharmacology
08:30 Course Introduction. History of antimicrobials development. António Sarmento
09:30 Beta-lactamic antibiotics: Penicillins and cephalosporins. António Sarmento
11:00 Coffee break
11:30 Beta-lactamic antibiotics: Carbapenems and monobactams. Paulo Andrade
12:30 Lunch
14:00 Tetracyclines and aminoglycosides. Nuno Rocha Pereira
15:00 Macrolides and quinolones. Nuno Rocha Pereira
16:00 Coffee break
16:30 Glycopeptides and lipopeptides. Ana Cláudia Carvalho
17:30 Colistin, fosfomycin and other antimicrobials. Carlos Lima Alves

Clinical use of antimicrobials
13:30 General rules for prescription of antimicrobials. António Sarmento
14:30 Using PK/PD to optimize antimicrobials use. Rui Vego
15:30 Antimicrobial prophylaxis. Nélia Neves
16:30 Coffee break
17:00 Antimicrobial treatment of Central Nervous System Infections. Maria Lurdes Santos
18:00 Antimicrobial treatment of upper respiratory tract infections. António Sarmento

Wednesday, 17 October 2018

Clinical Use of Antimicrobials
08:30 Antimicrobial treatment of Pneumonia. Alcina Ferreira
09:30 Antimicrobial treatment of bloodstream infections. Paulo Figueiredo Dias
10:30 Coffee break
11:00 Antimicrobial treatment of intra-abdominal infections. António Sarmento
12:00 Antimicrobial treatment of Clostridium difficile infections. Ana Sofia Santos
13:00 Lunch
14:30 Antimicrobial treatment of urinary tract infections. Ana Cláudia Carvalho
15:30 Antimicrobial treatment of skin and soft tissue infections. Isabel Neves
16:30 Coffee break
17:00 Antimicrobial treatment of bone and joint infections. Célia Coldas

Thursday, 18 October 2018

08:30 Antimicrobial treatment of infections in neutropenic patient. André Silva-Pinto
09:30 Antimicrobial treatment of MDR gram negative infections. Nuno Rocha Pereira
10:30 Coffee break
11:00 Antifungal treatment of common fungal infections. Maria Lurdes Santos
12:00 The future of antimicrobial therapy. Maria Lurdes Santos
13:00 Lunch

Antimicrobial stewardship
14:30 Antibiotic stewardship strategies and tools. Raquel Duro
15:30 Tackling resistance – a multimodal strategy including infection control and antibiotic stewardship. Isabel Neves
16:30 Coffee break
17:00 Antimicrobial stewardship programs: design and implementation. Carlos Lima Alves

Friday, 19 October 2018

08:30 How to measure antimicrobial stewardship programs success? Ana Azevedo
09:30 Pitfalls, limitations and future challenges for antimicrobial stewardship. José Artur Paiva
10:30 Coffee break
11:00 Exam
12:30 Closing remarks

Module Venue
Secção Regional do Norte da Ordem dos Médicos
Rua Delfim Maia, 405
4200-256 Porto

Registration Procedure
Register now online on the ESCMID website at: https://www.escmid.org/research_projects/eucic/training_programme/
The registration deadline is “insert deadline”.

Registration Fee
EUCIC trainee: Automatic registration
ESCMID member: 300 €
No ESCMID member: 300 €
The fee includes course registration, course materials and coffee-breaks. Lunch, dinner and accommodation are not included.

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

Target Audience
Medical doctors