



Target Audience

70 – 100 medical doctors, scientists and clinical pharmacists, involved in antimicrobial stewardship activities with the need to measure, audit and improve antimicrobial prescribing in their institution. The course will have sessions at an advanced level in parallel with sessions at a basic level.

Course Levels

Basic module (group 1): Junior staff members are strongly encouraged to apply for an ESCMID attendance grant. Advanced module (group 2): Former participants who are still active in the field are invited.

Faculty Members

Bojana Beović, Ljubljana, Slovenia
Otto Cars, Uppsala, Sweden
Herman Goossens, ESAC, Antwerp, Belgium
Inge Gyssens, Nijmegen, The Netherlands
Stephan Harbarth, Geneva, Switzerland
Jan Kluytmans, Amsterdam/Breda, The Netherlands
Jean Carlet, Paris, France
Jos van der Meer, Nijmegen, The Netherlands
Dominique Monnet, ECDC, Stockholm, Sweden
Johan Mouton, Nijmegen, The Netherlands
Dilip Nathwani, Dundee, UK
Ronald Polk, Richmond, VA, US
Matthew Samore, Salt Lake City, UT, US
Maurice Sleypen and
Christine Vandenbranden, Valletta, Malta
Theo Verheij, Utrecht, The Netherlands
Nathalie Vernaz, Geneva, Switzerland
Vera Vlahović-Palčevski, Rijeka, Croatia
Agnes Wechsler-Fördös, Vienna, Austria
WHO – AMR programme speaker, tba

Contact

Administrative Secretariat

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Course Venue

Hotel Wende, Seestraße 40,
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Picture inside: Drug pills (Keystone).



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ESCMID Postgraduate Education Course

Antimicrobial Stewardship: Measuring, Auditing and Improving

Vienna, Austria
8 – 10 April 2010



Registered Society, Munich, Germany, No. 10956

ESCMID Postgraduate Education Course

Antimicrobial Stewardship: Measuring, Auditing and Improving

Organizer

ESCMID Study Group for Antibiotic Policies (ESGAP)

Course Coordinator

Inge C. Gyssens, Nijmegen, NL

Course Objectives

- To identify sources of data and understand how to measure antimicrobial use
- To select a proper measurement unit for antimicrobial consumption
- To make sense of antimicrobial use and resistance data, both locally and within a multicentre setting
- To choose and apply a method to study the relationship between antimicrobial prescribing and resistance
- To choose and apply an audit methodology for monitoring antimicrobial prescriptions
- To identify the steps and sources for evidence based guideline development
- To identify barriers encountered in Antimicrobial Stewardship programs and how to overcome them
- To make sense of interpersonal aspects of implementing change
- To identify and implement possible interventions to improve antimicrobial prescribing
- To build national and international support for Antimicrobial Stewardship programs
- To select a proper method to study the effect of interventions in hospitals

Scientific Programme

Thursday, 8 April 2010

- Before
12:00 Arrival at Vienna Airport
12:00 Bus shuttles from airport to hotel and hotel registration
13:00 Course registration and distribution of course material / lunch buffet
14:00 Introduction Inge Gyssens (ESGAP chair)

Session 1

- Moderator: Inge Gyssens
14:15 ECDC's successful actions to combat antimicrobial resistance. Dominique Monnet
14:45 Influence of sociocultural components on outpatient antibiotic use. Stephan Harbarth
15:15 Coffee break

Session 2 (parallel sessions)

- Group 1: Moderator: Bojana Beović
15:45 How to measure antimicrobial consumption. Dominique Monnet
16:15 How to audit antimicrobial prescriptions in a hospital, including quality indicators. Inge Gyssens

- Group 2 : Moderator: Stephan Harbarth
15:45 Interhospital comparison of antimicrobial use. Ronald Polk
16:15 Linking antimicrobial resistance to antimicrobial exposure with patient or aggregate data. Stephan Harbarth
16:45 Coffee break

Session 3

- Moderator: Ronald Polk
17:15 Improving antibiotic prescribing through educational interventions. Dilip Nathwani
17:45 ESAC's surveillance by point prevalence measurements. Herman Goossens
19:30 Dinner

Friday, 9 April 2010

- 7:30 Breakfast

Session 4

- Moderator: Dilip Nathwani
8:30 Improving dosing regimens to minimize resistance. Johan Mouton

Case studies (parallel sessions)

- Group 1: Moderator: Dilip Nathwani
9:15 Audit of antibiotic surgical prophylaxis. Inge Gyssens
10:15 Coffee break
10:45 Interpersonal aspects of implementing change. Maurice Sleypen
11:30 Workshop "Application of the Force Field Analysis approach". Maurice Sleypen / Christine Vandenbranden
13:00 Buffet lunch

Case studies (continued)

- Group 1: Moderator: Bojana Beović
14:00 Increase of antimicrobial consumption in a medical intensive care unit. Dominique Monnet
15:00 Antibiotic management of hospitalized infected patients. Dilip Nathwani and Jos van der Meer
16:15 Surveillance by point prevalence measurements in a hospital. Jan Kluytmans

Case studies (parallel sessions)

- Group 2: Moderator: Dominique Monnet
9:15 Everything you wanted to know about time-series analysis. Nathalie Vernaz
10:15 Coffee break
10:45 Multi-site interventions, including car bundle strategies in surgical prophylaxis. Inge Gyssens
11:30 Antibiotic management of hospitalized infected patients. Dilip Nathwani and Jos van der Meer
13:00 Buffet lunch

Case studies (continued)

- Group 2: Moderator: Inge Gyssens
14:00 Interpersonal aspects of implementing change. Maurice Sleypen
14:45 Workshop "Application of the Force Field Analysis approach". Maurice Sleypen / Christine Vandenbranden
16:15 How to organize a public campaign to improve antimicrobial use. Vera Vlahović-Palčevski
17:00 Coffee break
17:30 Barriers for implementing a local antibiotic policy and how to remove them. Jos van der Meer/Inge Gyssens
19:00 Apéritif and informal meetings with invited faculty/experts
20:00 Dinner

Saturday, 10 April 2010

- 7:30 Breakfast - Check-out

Session 5

- Moderator: Dilip Nathwani
8:30 The effect of antibiotic use on antimicrobial resistance in the community. Matthew Samore
9:00 The gap between antimicrobial resistance and novel drug development. From STRAMA to REACT and beyond. Otto Cars
9:30 WHO AMR control initiatives: successes and challenges. Speaker to be announced
10:00 Coffee break

Session 6

- Moderator: Stephan Harbarth
10:15 Antimicrobial stewardship programmes at Paris hospitals. Jean Carlet
10:45 General practice guideline programmes and interventions in primary care. Theo Verheij
11:15 Interventions to improve prescribing: experience in Central and Eastern Europe. Bojana Beović
11:45 The EU Project ABS International. Agnes Wechsler-Fördös

- 12:15 Conclusion. Inge Gyssens (ESGAP chair)

- 12:30 Lunch buffet - End of course

Case studies correspond to exercises where participants are presented with a series of sequential questions that must be answered using real data provided with the exercises. Answers and additional data are provided at each step.

Organization

Application Procedure

The application form can be found on the ESCMID website at www.escmid.org/education. Please return it to the course administrative secretariat by 5 February 2010.

Registration Fee

EUR 400 for ESCMID members
EUR 450 for all others

The fee includes the scientific sessions, printed course material, all meals, transfer to the course hotel and single room accommodation at the course hotel for two nights (8 and 9 April 2010). It does not include travel from home to Vienna and return.

Attendance Grants

ESCMID provides a number of attendance grants for young attendees (born in 1970 or later) reducing the registration fee from EUR 400/450 to EUR 200/250. Please apply via the ESCMID website at www.escmid.org/education before 5 February 2010. If there are more applicants than available grants, preference will be given to ESCMID members. Applicants will be informed about their acceptance by 5 March 2010.

CME Accreditation

The organizer of the course will apply for European CME accreditation through EACCME.