ESCMID Postgraduate Education Course

Antimicrobial Stewardship: a hands-on course and workshop

Paris, France
16 – 17 April 2020

Target Audience
Medical doctors, pharmacists, microbiologists and other medical professionals involved in antibiotic stewardship programs at their institution.

Faculty Members
Prof Bojana Beović, Ljubljana, Slovenia
Dr Jeroen Schouten, Nijmegen, The Netherlands
Dr José Paño, Zaragoza, Spain
Prof Marlies Hulscher, Nijmegen, The Netherlands
Dr Philip Howard, Leeds, United Kingdom
Dr Benedikt Huttner, Geneva, Switzerland
Dr Angela Huttner, Geneva, Switzerland
Prof Sara Cosgrove, Baltimore, USA
Dr Tomi Kostyanev, Antwerp, Belgium
Dr Cansu Cimen, Ardahan, Turkey
Dr. Aleksandra Bara, Belgrade, Serbia
Dr. Miquel Ekkelenkamp, Utrecht, The Netherlands
Dr Kim Sigaloff, Amsterdam, The Netherlands
Prof. David Lye, Singapore, Singapore
Prof. Jason Trubiano, Melbourne, Australia
Prof. Céline Pulcini, Nancy, France
Dr. Oliver Dyar, Stockholm, Sweden
Prof. Marc Bonten, Utrecht, The Netherlands
Dr. Guillaume Béraud, Pottiers, France
Prof. Larissa May, Sacramento, California, USA
Dr Diego García, Santa Cruz de Tenerife, Spain
Dr Ran Nir-Paz, Jerusalem, Israel

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ESCMID Study Group for Antimicrobial stewardship (ESGAP)
French Infectious Diseases Society (SPILF)

Course Coordinators
Dr. José Ramon Paño, Zaragoza, Spain
Dr. Miquel Ekkelenkamp, Utrecht, The Netherlands

Course Objectives
To understand the principles and scientific background of antimicrobial stewardship programs and interventions
To understand the sociocultural, ethical and behavioral aspects involved in the implementation of stewardship interventions
To train in the application of day-to-day stewardship interventions

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Thursday April 16th 2020

Plenary session 1: Antimicrobial stewardship, the principles
Chair: Bojana Beović

09:00 – 09:10 Kick-off
Jeroen Schouten

09:10 – 09:30 What does antimicrobial stewardship mean and why is it necessary?
Jeroen Schouten

09:30 – 09:50 Antibiotic prescribing: Why do we fail?
José R. Paño

09:50 – 10:20 A map of AMS activities and interventions
Sara Cosgrove

10:20 – 10:40 Discussion

10:40 – 11:00 Coffee break

Plenary session 2: Key elements of day-to-day AMS
Chair: José R. Paño

11:00 – 11:30 Unsolicited AMS consultations
Sara Cosgrove

11:30 – 11:50 Measuring antibiotic consumption
Philip Howard

11:50 – 12:20 Measuring the quality of antimicrobial consumption
Benedikt Huttner

12:20 – 12:40 From prescribing competencies to effective educational activities
Oliver Dyar

12:40 – 13:00 Discussion

13:00 – 14:00 Lunch

Workshops
Worksop: AMS at the bedside: difficult cases and scenarios (4 scenarios running simultaneously, a total of six for the whole afternoon)

14:00 – 14:30 Case scenario #1
Tomi Kostyane + Jason Trubiano

14:30 – 15:00 Case scenario #2
José R. Paño + Jason Trubiano

15:00 – 15:30 Case scenario #3
Bojana Beović + Cansu Cimen

15:30 – 16:00 Coffee break

16:00 – 16:30 Case scenario #4
Benedikt Huttner + Oliver Dyar

16:30 – 17:00 Case scenario #5
Jeroen Schouten + Aleksandra Baran

17:00 – 17:30 Case scenario #6
Miquel Ekkelenkamp + Kim Sigaloff
Break and contemplation

19:00 – 22:00 Dinner and social program

Friday April 17th 2020

Plenary session 3: Hot topics in AMS
Chair: Jeroen Schouten

09:00 – 09:10 SPILF
Pierre Tattevin

09:10 – 09:40 OPAT from the AMS perspective
David Lye

11:30 – 12:00 How AMR national plans can contribute to boost AMS programes
Céline Pulcini

12:00 – 12:30 How to change prescribing: applying the principles of implementation science
Marlies Hulscher

12:30 – 13:00 How to reliably measure the effect of interventions in infectious diseases
Marc Bonten

13:00 – 13:15 Discussion

13:15 – 14:15 Lunch

Workshops
Two workshops with two simultaneous groups of 40 persons each to rotate

14:15 – 15:00 Workshop #1: Shortage alert
Guillaume Béraud + Larissa May

15:00 – 15:45 Workshop #2: Using rapid testing in AMS
Diego Garcia + Ron Nir-Paz

9:40 – 10:10 Antibiotic self-reported allergies: The lowest hanging fruit for AMS programs?
Jason Trubiano

10:10 – 10:40 Incorporating PK/PD principles into daily prescribing
Angela Huttner

10:40 – 11:00 Discussion

11:00 – 11:30 Coffee break

Plenary session 4: AMS Excellence
Chair: Miquel Ekkelenkamp

11:30 – 12.00 How AMR national plans can contribute to boost AMS programmes
Céline Pulcini

12.00 – 12.30 How to change prescribing: applying the principles of implementation science
Marlies Hulscher

12:30 – 13.00 How to reliably measure the effect of interventions in infectious diseases
Marc Bonten

13:00 – 13:15 Discussion

13:15 – 14.15 Lunch

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Diego Garcia + Ron Nir-Paz

Registration Procedure
Register on the ESCMID website by 8 March 2020

Registration Fee
EUR 440 for ESCMID members
EUR 540 for all others

The registration fee includes accommodation for 2 nights in shared hotel rooms, lunches and coffee breaks, course materials, dinner and a social activity on the first evening of the course.

Attendance Grants
ESCMID provides a number of attendance grants for ESCMID “young scientist members”. The grant covers the registration fee. Please apply via the ESCMID website before 19 January 2020. Applicants will be informed about their acceptance by 31 January 2020.

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