



Contact

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Picture inside: Drug pills (Keystone)



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ESCMID Postgraduate Education Course

Antimicrobial Stewardship: Measuring, Auditing and Improving

**London, United Kingdom
29 – 31 March 2012**



ESCMID Postgraduate Education Course

Antimicrobial Stewardship: Measuring, Auditing and Improving

Organisers

- ESCMID Study Group for Antibiotic Policies (ESGAP)
- British Society for Antimicrobial Chemotherapy (BSAC)

Course Coordinator

Dilip Nathwani, Dundee, UK

Course Objectives

Our aim is to provide participants with a detailed understanding of key issues and the core skills required to support local and national antimicrobial stewardship programmes. This course uses a blended approach of small group and interactive teaching supported by teaching material and is delivered by a multi-disciplinary high-calibre international expert faculty.

Target Audience

100 – 130 medical doctors, scientists and clinical pharmacists, who are involved in antimicrobial stewardship activities and need to measure, audit and improve antimicrobial prescribing in their institution

Faculty Members

Bojana Beovic, Ljubljana, SI
Chris Butler, Cardiff, UK
Jean Carlet, Paris, FR
Peter Davey, Dundee, UK
Herman Goossens, Antwerp, BE
Inge Gyssens, Nijmegen, NL
Haken Hanberger, Stockholm, SE
Carol Haraden, Cambridge, USA
Stephen Harbarth, Geneva, CH
Alison Holmes, London, UK
Peter Lachman, London, UK
Wendy Lawson, London, UK
Alasdair MacGowan, Bristol, UK
Cliodna McNulty, Gloucester, UK
Dominique Monnet, Stockholm, SE
Dilip Nathwani, Dundee, UK
Jose Ramon Pardo, Madrid, ES
Sheldon Stone, London, UK
Karin Thursky, Melbourne, AU
Jos van der Meer, Nijmegen, NL

Course Programme

The course will have sessions at an advanced level in parallel with sessions at a basic level.

Basic module: Junior and less experienced staff members

Advanced module: Former participants who are still active in the field

Thursday, 29 March 2012

Session 1: Plenary

Chair: *D. Nathwani*

- 14:00 Introduction. *D. Nathwani*
- 14:15 ECDC's successful actions to combat antimicrobial resistance. *D. Monnet*
- 14:45 Effectiveness of the interventions in antimicrobial stewardship: What works? Updated Cochrane systematic review. *P. Davey*
- 15:15 Coffee break

Session 2: parallel sessions

Basic Module. Chair: *D. Monnet*

- 15:45 How to measure antimicrobial consumption. *H. Hanberger*
- 16:15 How to audit antimicrobial prescriptions in a hospital. *I. Gyssens*

Advanced Module. Chair: *P. Davey*

- 15:45 Comparison of antimicrobial use at a local, national and European level: lessons from ABS. *tb*
- 16:15 Linking antimicrobial resistance to antimicrobial exposure with patient or aggregate data. *S. Harbarth*
- 16:45 Coffee break

Session 3: Plenary

Chair: *I. Gyssens*

- 17:15 Improving hospital antibiotic prescribing through educational interventions. *D. Nathwani*
- 17:45 Point prevalence studies in stewardship: the what, why, how, and where? *H. Goossens*
- 19:30 Dinner

Friday, 30 March 2012

Session 4: Plenary

Chair: *B. Beovic*

- 08:30 Educational interventions in primary care antibiotic prescribing. *C. Butler*

Case studies: parallel sessions

Basic Module. Chair: *D. Nathwani*

- 09:15 Audit of antibiotic surgical prophylaxis. *I. Gyssens*
- 10:15 Coffee break
- 10:45 Quality improvement science for beginners. *P. Lachman*
- 11:45 Systems and organisational change and leadership. *C. Haraden*

Advanced Module. Chair: *B. Beovic*

- 09:15 How do you measure impact of interventions: time series analysis and other methodology. *S. Stone*
- 10:15 Coffee break
- 10:45 Addressing antimicrobial prescribing behaviours: considering evidence, care bundles and multidisciplinary involvement. *A. Holmes*
- 11:30 What are the competencies required to be a good antibiotic prescriber? *B. Cookson*
- 11:55 Interactive Clinical Scenarios of antibiotic management of hospitalized infected patients. Patient and hospital based approach. *D. Nathwani / J. van der Meer*
- 13:00 Buffet lunch

Case studies (continued)

Basic Module. Chair: *P. Davey*

- 14:00 Increase of antimicrobial consumption in a medical intensive care unit. *D. Monnet*
- 15:00 What are the competencies required to be a good antibiotic prescriber? *B. Cookson*
- 15:25 Interactive clinical scenarios of antibiotic management of hospitalized infected patients: patient level. *D. Nathwani / J. van der Meer*
- 16:30 Linking antimicrobial resistance to antimicrobial exposure with patient or aggregate data. *S. Harbarth*

Advanced Module. Chair: *I. Gyssens*

- 14:00 Quality Improvement Science. *P. Lachman*
- 15:00 Systems and organisational change and leadership. *C. Haraden*
- 16:30 Emerging role of rapid diagnostics and biomarkers in antimicrobial stewardship. *J. R. Pardo*
- 17:00 Coffee break

Session 5: Plenary

Chair: *D. Nathwani*

- 17:20 Influence of sociocultural components on outpatient antibiotic use. *S. Harbarth*
- 17:45 – Social and behavioural approach to antibiotic prescribing in hospitals. *J. van der Meer*
- 18:05 Apéritif and informal meetings with invited faculty/experts
- 20:00 Dinner

Saturday, 31 March 2012

Session 6: Plenary

Chair: *D. Nathwani*

- 08:00 Improving antibiotic use in the community. *C. McNulty*
- 08:30 How can computerised decision systems help stewardship. *K. Thursky*
- 09:00 Improving dosing regimens to minimise resistance. *A. McGowan*
- 09:30 The effectiveness of pharmacists in stewardship. *W. Lawson*
- 10:00 Coffee break

Session 7: Plenary

Chair: *I. Gyssens*

- 10:30 Quality and clinical indicators as prescribing and infection management targets. *D. Nathwani*
- 10:50 Stewardship in developing and emerging nations. *H. Hanberger*
- 11:10 Stewardship in Australia: the evolving experience. *K. Thursky*
- 11:30 The EU Project ABS International. *tb*
- 11:50 Stewardship and political change: lessons from Alliance. *J. Carlet*
- 12:15 Discussion – end of course

Organisation

Course Venue

Selsdon Park Hotel & Golf Club
Addington Road
South Croydon
Surrey
CR2 8YA
Phone +44 (0) 208 657 8811
www.principal-hayley.com

Registration Procedure

The registration form can be found on the ESCMID website at www.escmid.org/education. Please return it to the course administrative secretariat.

Registration Fee

EUR 600 for ESCMID members
EUR 650 for all others
The fee includes single room accommodation at the course hotel for 2 nights (29 & 30 March 2012), the meals during the course and tuition. The fee does not cover travel to and from London.

Attendance Grants

ESCMID provides a number of attendance grants for young attendees (up to 40 years) covering the registration fee, but not travel costs. Please apply via the ESCMID website at www.escmid.org/education before 15 February 2012. If there are more applicants than available grants, preference will be given to ESCMID members. Applicants will be informed about their acceptance by 28 February 2012.

CME Accreditation

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