

Report

Transdisciplinary ECMM Antifungal Stewardship Workshop

27-29 January 2016, Wesel, Germany

Antifungal stewardship is an opportunity to improve patient care and, in fact, outcome. Complex situations are more and more frequent, from mixed infections to pan-azole resistant aspergillosis to echinocandin-resistant candidiasis. Because of the pressing importance of the topic, the ECMM organised a special course outside its traditional bi-annual course schedule.

Since multiple clinical and lab-based disciplines are involved in the complex decision making process, the course was most valuable to broad range of specialties and was visited by almost 50 participants including infectious diseases specialists, internists, paediatricians, haematologists, intensivists, microbiologists, and pathologists.

The 2,5 day program with 10 sessions covered the different angles on antifungal stewardship. We learned how to implement a stewardship program in our own hospital environment.

Professor Oliver A. Cornely MD, FACP, FIDSA, FAAM

President of the ECMM for the team of lecturers

The course was supported by educational unrestricted grants from Basilea, Gilead and Merck, Inc. The slides will be available on the ECMM website

PROGRAMME

WEDNESDAY 27 JANUARY

12:00 *Registration*

12:30-14:45 Plenary session 1:

The changing epidemiology of invasive fungal infections

12:30 Emergence and spread of azole resistance - *Anuradha Chowdhary, India*

13:15 The role of antifungal stewardship in practice and science - *Patricia Muñoz, Spain*

14:00 Fungiscope & Fungiquest; Tools for evidence generation and practical guidance in the therapy of rare & emerging fungal infections - *Daniela Seidel, Germany*

14:45 *break*

15:30-17:00 Workshop session 2:

Assessment of antifungal consumption (crossover groups, 2 x 45 minutes)

Assessing prescription knowledge and identifying decision pathways - *Maricela Valerio, Mexico*

Performance indicators and their assessment (hospital and/or country wide) - *Russell Lewis, Italy*

17:00-17:45 Late afternoon session 3

Activism beyond the clinic: The role of the medical mycologist as a spokesperson for safe and responsible antifungal and antimicrobial use in medicine and agriculture - *Paul Verweij, the Netherlands*

17:45 *drinks*

THURSDAY 28 JANUARY

09:45-12:00 Plenary session 4:

Antifungal therapy

- 09:00 Empiric and targeted therapy in common scenarios - *Andrew Ullmann, Germany*
10:00 Tools and approaches to measure consumption of antifungals and identify faulty prescription patterns - *Andrea Liekweg, Germany*
11:15 Antifungal therapy in the surgical ICU - *Riina Richardson, UK*

12:00 *lunch*

12:45-14:15 Workshop session 5:

Mycological diagnostics (crossover groups, 2 x 45 minutes)

Implementing state of the art diagnostics in the mycological laboratory - *Axel Hamprecht, Germany*
Designing and implementing a diagnostic pathway with trans-disciplinary involvement and support *Jörg Janne Vehreschild, Germany*

14:15 *break*

14:45-16:00 Plenary session 6:

Antifungal stewardship design considerations

- 14:45 Hallmarks of successful antifungal stewardship programmes - *Elizabeth Dodds-Ashley, USA*
15:15 When and how will antifungal stewardship pay off - *Sebastian Heimann, Germany*

16:00 *break*

16:30-17:15 Late afternoon session 7

Antifungal drugs; What's in the pipeline - *Oliver Cornely, Germany*

17:15 *drinks*

FRIDAY 29 JANUARY

09:45-11:15 Workshop session 8

Implementation and assessment of antifungal stewardship programmes in general (crossover groups, 2 x 45 minutes)

Implementing ward and hospital based stewardship programmes; who takes the lead - *Rafael Duarte-Palomino, Spain*
Effective communication of unpopular measures - *Maria Vehreschild, Germany*

11:15 *break*

11:35-13:05 Interactive case studies session 9

- 11:35 Haematology & Oncology - *Oliver Cornely, Germany*
12:20 ICU & Pulmonology - *Malcolm Richardson, UK*

13:05-13:50 Ask the expert session 10

13:05 ECMM experts are seated at separate tables giving participants the opportunity for questions and direct interaction.

13:50 *Closing*