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EUCIC basic module

Infection Prevention and Control

Organizers
European Committee on Infection Control (EUCIC) from the European Society of Clinical Microbiology and Infectious Diseases

Module coordinators
• Alex W. Friedrich, Groningen, Netherlands
• Nico T. Mutters, Freiburg, Germany
• Evelina Tacconelli, Tübingen, Germany

Infection prevention and control
Programme objectives
Healthcare-associated infections (HAIs) are common adverse events in acute care medicine causing significant morbidity and mortality. There has been a significant increase in the commitment of infection prevention and control (IPC) over the past years. However, training opportunities and IPC qualifications are still heterogenous and deficient. ESCMID has created EUCIC to take the lead in establishing a science-based European training programme for IPC professionals.

Training with simulated patients
This initial basic module organized by EUCIC represents the first step to achieve the above-mentioned objectives. Infection Prevention and Control is a hands-on course including bedside teaching with simulated patients played by professional actors. You will have the opportunity to be taught face-to-face by top experts from different academic centers in Europe, who will cover all major aspects of IPC in the hospital. We use modern techniques to make invisible transmission of microbes visible to everybody’s eyes.

Join us in Groningen and get your hands on real-life infection prevention and control!

Module Programme

Sunday, 25 February 2018

Epidemiology and transmission of antibiotic resistance
Location: Ronde Zaal
Chair: Alex W. Friedrich (Groningen, NL)

13:00–13:45 Registration and coffee
13:45–14:30 Welcome and introduction to the theme Evelina Tacconelli (Tübingen, DE)
14:30–15:15 Integrated stewardship Alex W. Friedrich (Groningen, NL)
15:15–15:55 Infection prevention: how to cover everything that is needed Ana Budimir (Zagreb, HR)
15:55–16:10 Coffee break
16:10–16:40 Understanding different modes of pathogen transmission Zrinka Bošnjak (Zagreb, HR)
16:40–17:00 Introduction to the EUCIC training programme: the Infection Prevention and Control Certificate Nico Mutters (Freiburg, DE)
17:15 Meeting point: Ronde Zaal, you will be guided to ‘t Feithhuis
17:30–19:00 Get together: Restaurant ‘t Feithhuis, Martinikerkhof 10, Groningen
This reception is offered by the University of Groningen, the Municipality of Groningen and the Province of Groningen
**Monday, 26 February 2018**

**Microbiological diagnostic skills**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>09:00 – 9:50</td>
<td>Antibiotic resistance – A One Health challenge</td>
<td>Jan Kluytmans (Breda, NL)</td>
<td>Ronde Zaal</td>
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<tr>
<td>09:50 – 10:20</td>
<td>Coffee break</td>
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<tr>
<td>10:20 – 11:05</td>
<td>Basic microbiological methods</td>
<td>Erik Bathoorn (Groningen, NL)</td>
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<tr>
<td>11:05 – 11:50</td>
<td>Detection of resistance in the lab: pitfalls, tips and tricks</td>
<td>Wil Goessens (Rotterdam, NL)</td>
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<td>11:50 – 12:50</td>
<td>Lunch</td>
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<tr>
<td>12:50 – 13:35</td>
<td>Virological diagnostics</td>
<td>Coretta van Leer-Buter (Groningen, NL)</td>
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<td>13:35 – 14:20</td>
<td>Advanced molecular technologies Role of the medical molecular microbiologist</td>
<td>Corne Klaassen (Rotterdam, NL)</td>
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<td>14:20 – 14:50</td>
<td>Coffee break</td>
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<tr>
<td>14:50 – 15:50</td>
<td>Sampling of the environment: when, how and how to interpret the results?</td>
<td>Margreet Vos (Rotterdam, NL)</td>
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<tr>
<td>15:50 – 16:50</td>
<td>Screening and infection control policies</td>
<td>Mariëtte Lokate (Groningen, NL)</td>
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**Tuesday, 27 February 2018**

**Interventions to improve infection prevention and control**

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Location</th>
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<tbody>
<tr>
<td>08:30 – 09:30</td>
<td>Clean Care is Safer Care – the story behind the success</td>
<td>Didier Pittet (Geneva, CH)</td>
<td>Ronde Zaal</td>
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<tr>
<td>09:30 – 10:00</td>
<td>New concepts in hand hygiene</td>
<td>Daniela Da Costa Pires (Geneva, CH)</td>
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<td>10:00 – 10:30</td>
<td>Coffee break</td>
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<tr>
<td>10:30 – 11:15</td>
<td>How to monitor hand hygiene compliance</td>
<td>Daniela Da Costa Pires (Geneva, CH)</td>
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<td>11:15 – 12:00</td>
<td>The WHO hand hygiene self-assessment framework and hand hygiene excellence award</td>
<td>Ermira Tartari (Malta, MT)</td>
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<tr>
<td>12:00 – 13:00</td>
<td>Lunch</td>
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<td>13:00 – 13:45</td>
<td>Key elements of organisation and structure in IPC</td>
<td>Walter Zingg (Geneva, CH)</td>
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<td>13:45 – 14:15</td>
<td>What makes a good indicator for monitoring healthcare associated infections (HAIs) and antimicrobial resistance</td>
<td>Daniela Da Costa (Geneva, CH)</td>
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<td>14:15 – 15:00</td>
<td>Interpretation and validation of HAI-surveillance data – the point prevalence example</td>
<td>Walter Zingg (Geneva, CH)</td>
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<td>15:00 – 15:30</td>
<td>Coffee break</td>
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<td>15:30 – 16:15</td>
<td>Assessing guidelines and policies in IPC</td>
<td>Ermira Tartari (Malta, MT)</td>
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<td>16:15 – 17:00</td>
<td>Multimodal strategies in HAI prevention – The PROHIBIT example</td>
<td>Walter Zingg (Geneva, CH)</td>
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<td>17:30 – 22:00</td>
<td>Walking dinner</td>
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Wednesday, 28 February 2018

Epidemiology and surveillance of healthcare-associated infections
Location: Ronde Zaal
Chair: Petra Gastmeier (Berlin, DE)

08:30 – 09:15 Epidemiology of nosocomial infections
Rasmus Leistner (Berlin, DE)

09:15 – 10:15 Basic principles of surveillance
Petra Gastmeier (Berlin, DE)

10:15 – 10:30 Coffee break

10:30 – 11:30 Definitions of nosocomial infections
Seven Aghdassi (Berlin, DE)

11:30 – 12:15 Training of diagnosing nosocomial infections
Seven Aghdassi (Berlin, DE)

12:15 – 13:15 Lunch

13:15 – 14:00 Surveillance methods for various patient groups
Petra Gastmeier (Berlin, DE)

14:00 – 14:45 Interpretation of surveillance data
Rasmus Leistner (Berlin, DE)

14:45 – 15:00 Coffee break

How to give feedback on surveillance data?

15:00 – 15:30 Example 1
Seven Aghdassi (Berlin, DE)

15:30 – 16:00 Example 2
Petra Gastmeier (Berlin, DE)

16:00 – 16:30 Example 3
Rasmus Leistner (Berlin, DE)

16:30 – 17:00 Use of prevalence studies
Petra Gastmeier (Berlin, DE)

Thursday, 1 March 2018

Practical infection prevention control skills
Location: Skills Center, entrance 21, 3rd floor
Chair: Alex W. Friedrich (Groningen, NL)
Coordinator: Lenny ten Horn – van Kreij (Groningen, NL)

09:00 – 09:30 Infection prevention in a connected world
Alex W. Friedrich (Groningen, NL)

09:30 – 10:00 Eyes for the invisible
Lenny ten Horn – van Kreij

10:00 – 10:30 Coffee break
3rd floor, room: SC 3.12

10:30 – 12:00 Training in hand hygiene, personal hygiene and personal protective equipment isolation and infection prevention measures in small groups on simulated patients
1st floor, room: 1– 6

12:00 – 13:00 Lunch

13:00 – 16:15 Bedside teaching with simulated patients played by actors
Choice and application of appropriate infection control precautions in various clinical scenarios
Additionally, individual patient cases may be discussed
1st floor, room: 1– 6

16:15 – 16:30 Coffee break
3rd floor, room: SC 3.12

16:30 – 17:00 Evaluation / Discussion
Alex W. Friedrich (Groningen, NL)
3rd floor, room: SC 3.12
Infectious diseases and appropriate infection prevention and control

Location: Ronde Zaal
Chair: Achilleas Gikas (Heraklion, GR)

09:00 – 09:45 Overview on pathogenesis and IC on the main HAI (BSIs, RTIs, UTIs, SSIs)
  Achilleas Gikas (Heraklion, GR)

09:45 – 10:00 Coffee break

10:00 – 10:30 Association between HAI and medical devices
  Konstantinos Tsioutis (Nicosia, CY)

10:30 – 11:00 Antimicrobial resistance in Southern Europe
  Athanasios Tsakris (Athens, GR)

11:00 – 12:00 Trainee assessment

12:00 – 12:15 Conclusive remarks
  Alex W. Friedrich (Groningen, NL)

12:15 – 13:15 Lunch

13:15 Visit of the Tuberculosis Center Haren (optional)

13:45 – 14:45 Guided Tour Dutch TB Center (2x1 group)
  Onno Akkerman (Groningen, NL), Wiel de Lange (Groningen, NL)

14:45 – 15:15 The Dutch TB-care center, insights
  Onno Akkerman (Groningen, NL)
  Location: Beatrixoord Haren room C2.39

15:15 Transfer back to UMCG
Module venue
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Registration procedure
Register now online on the ESCMID website at
www.escmid.org/research_projects/eucic/training_programme.

The registration deadline is 14 February 2018.

Registration fee
• ESCMID member: € 795
• No ESCMID member: € 895

The fee includes lunch, coffee and one dinner.

EUCIC trainees
EUCIC trainee registration fee and accommodation is
organized via the training programme, please see the
following link: www.escmid.org/eucic.

CME accreditation
This module is worth ~10 ECTS points for the
EUCIC certificate. For eligibility and criteria please refer to www.escmid.org/eucic.

Target audience
Medical doctors and pharmacists, nurses or other healthcare professionals with an MSc or PhD are eligible.

Confirmed faculty members
Seven Aghdassi, Berlin, Germany
Onno Akkerman, Groningen, Netherlands
Erik Bathoorn, Groningen, Netherlands
Zrinka Bošnjak, Zagreb, Croatia
Anna Budimir, Zagreb, Croatia
Daniele Da Costa Pires, Geneva, Switzerland
Alex W. Friedrich, Groningen, Netherlands
Petra Gastmeier, Berlin, Germany
Achilleas Gikas, Heraklion, Greece
Wil Goessens, Rotterdam, Netherlands
Corne Klaassen, Rotterdam, Netherlands
Jan Kluytmans, Breda, Netherlands
Rasmus Leistner, Berlin, Germany
Mariëtte Lokate, Groningen, Netherlands
Nico Mutters, Freiburg, Germany
Didier Pittet, Geneva, Switzerland
Evelina Tacconelli, Tübingen, Germany
Ermira Tartari, Malta
Lenny Ten Horn, Groningen, Netherlands
Athanasios Tsakris, Athens, Greece
Konstantinos Tsioutis, Nicosia, Cyprus
Coretta van Leer, Groningen, Netherlands
Margreet Vos, Rotterdam, Netherlands
Walter Zingg, Geneva, Switzerland