

EUCIC Certificate Programme

EUCIC Basic Module in Infection Prevention and Control

Groningen, Netherlands
8 – 12 June 2026



Faculty Members

Netherlands	Onno Akkerman
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Netherlands	Corine Geurts van Kessel
Netherlands	Willemijn Gordijn
Netherlands	Sabine de Greeff
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Netherlands	Lenny ten Horn-van Kreijl
Netherlands	Eva Huiting
Netherlands	Klaas de Jonge
Netherlands	Jan Kluijtmans
Netherlands	Marjolein Knoester
Netherlands	Koos Korsten
Netherlands	Coretta van Leer
Netherlands	Mariëtte Lokate
Netherlands	Maaïke van Mourik
Germany	Nico Mutters
Netherlands	Lineke Nieuwland
Netherlands	Geesje Roo Brand
Netherlands	John Rossen
Netherlands	Reinoudt Sieperda
Netherlands	Bianca Sloots
Cyprus	Nikolaos Spervasilis
Malta	Ermira Tartari
Netherlands	Ulbe Timmer
Cyprus	Constantinos Tsioutis
Netherlands	Marloes Vermeulen
Netherlands	Bart Versteeg
Netherlands	Andreas Voss
Netherlands	Bram Wierenga
Netherlands	Simone de Wit
Switzerland	Walter Zingg
Netherlands	Xuewei Zhou

Pre-course

Drivers and modifiers of antibiotic prescribing & infection prevention and control practices in healthcare settings

Video lecture by Michael Borg, accessible at
<https://learning.ecdc.europa.eu/course/view.php?id=643>

Day 1 Monday, 8 June

Location: Lokaal 16

Chair: Erik Bathoorn

MICROBIOLOGICAL DIAGNOSTIC SKILLS

Learning objectives:

- Basic microbiological methods
- Performance characteristics of different testing methods and principles used in clinical laboratories (i.e. culture-based methods, serology, rapid diagnostics and molecular assays)
- Biochemical markers
- Microbiological infrastructure and qualification (medical/clinical/scientific microbiologists, in hospitals, private laboratories, other forms of infrastructure)
- Screening Indication for screening B Implementation of screening and types of screening protocols
- Occupational health
- Postexposure prophylaxis
- Biohazards (e.g. sharps) and biohazard management

09:30 – 09:35	Welcome Erik Bathoorn
09:35 – 10:20	Viral diagnostics in infection control Coretta van Leer
10:20 – 10:50	Break
10:50 – 11:35	Prevention of whooping cough Ruben Brandsema
11:35 – 12:20	Occupational health: Post exposure prophylaxis Xuewei Zhou
12:20 – 12:50	Eyes for the invisible and explanation practicals Klaas de Jonge
12:50 – 13:40	Lunch (Lokaal 13)
13:50 – 15:00	PRACTICAL INFECTION PREVENTION CONTROL SKILLS Workshop Basic hygiene (UMCG Skills Center) Learning objectives <ul style="list-style-type: none"> • Assurance of healthcare worker safety, internal information exchange and public disclosure of information, respecting ethical standards for patient protection • Screening and immunization of healthcare workers PPE (personal protective equipment) • IPC skills
15:00 – 15:30	Break
15:30 – 16:15	The Dutch TB-care Center, insights Onno Akkerman
16:15 - 17:00	Organization of laboratory services for infection control Erik Bathoorn
17:00 - 18:00	Laboratory tour
18:30	Diner

Day 2 Tuesday, 9 June

Location: Lokaal 16
Chair: Nico Mutters & Joost Hopman

SURVEILLANCE AND INDICATORS

Learning objectives

- Differences between HAI surveillance definitions and clinical definitions for infectious syndromes
- Pathogenesis of CAI
- The role of surveillance and feedback (prospective, benchmarking) reporting
- Surveillance systems (local, regional, national, European and global)
- Use data management resources to obtain needed information and perform healthcare epidemiology and public HAI surveillance
- Validation of HAI surveillance data
- Proper selection of HAI surveillance software

09:30 – 10:00	Surveillance of antimicrobial resistance in the Netherlands Sabine de Greeff
10:00 – 10:30	Surveillance of HAI and intervention measures for infection control Maaïke van Mourik
10:30 – 11:00	Break
11:00 – 11:30	Basic principles of transmission dynamics Nico Mutters
11:30 – 12:00	Using indicators to guide hospital infection control strategies Joost Hopman
12:00 – 13:00	Lunch (lokaal 13)
PRACTICAL INFECTION PREVENTION CONTROL SKILLS	
13:15 – 14:00	Parallel sessions in small groups (Lokaal 16 /UMCG Skills Center) Bedside teaching with simulated patients, choice and application of appropriate infection control precautions in various clinical scenarios. Individual patients' cases will be discussed <ul style="list-style-type: none"> • Workshop cleaning, disinfecting and design/construction/renovation/demolition and ventilation systems
14:00 – 14:45	Parallel sessions in small groups (Lokaal 16 /UMCG Skills Center)
14:45 – 15:15	Break (Lokaal 13)
<p>Location: Lokaal 16 Chair: Andreas Voss</p> <p>HAND HYGIENE Learning objectives</p> <ul style="list-style-type: none"> • Hand hygiene: multimodal hand hygiene improvement strategy, methods for compliance monitoring, targets for improvement, self-assessment framework 	
15:15 – 15:30	Introduction to hand hygiene Ermira Tartari
15:30 – 16:45	Workshop 'How to increase hand hygiene compliance' Andreas Voss

Day 3 **Wednesday, 10 June**

Location: Ronde zaal
Chairs: Andreas Voss

CONTROVERSIES, INTERVENTIONS AND (MOLECULAR) TOOLS IN INFECTION CONTROL

Learning objectives:

- Bundles of infection control

09:15– 10:00	Controversies in infection control: the answer my friend is blowing in the wind Jan Kluijtmans
10:00 – 10:45	Multimodal strategies in HAI-prevention – The PROHIBIT example Walter Zingg
10:45 – 11:15	Break (Ronde zaal)
11:15– 12:00	Interpretation of WGS data for infection control John Rossen
12:00 – 12:45	Infection prevention bundles Walter Zingg
12:45 – 13:30	Lunch (Lokaal 13)
PRACTICAL INFECTION PREVENTION CONTROL SKILLS	
13:45 – 15:15	Parallel sessions in small groups (Lokaal 16 /UMCG Skills Center)
15:15 – 15:45	Break

Location: Lokaal 16
Chair: Emine Alp Mese

OCCUPATIONAL HEALTH AND ENVIRONMENTAL CLEANING

Learning objectives

- Transmission of pathogens
- Environmental sources of infection

15:45 – 16:30	The healthcare environment from the view of a microorganism – adventures of a “Bug-packer” Mariëtte Lokate
16:30 – 17:15	Environmental cleaning and controlling Emine Alp Mese
17:45	Diner

Day 4 Thursday, 11 June

Location: Lokaal 16

Chairs: Constantinos Tsioutis & Nikolaos Spervovasilis

INFECTIOUS DISEASES AND APPROPRIATE INFECTION PREVENTION AND CONTROL

Learning objectives:

- Pathogenesis of HAI
- Principles of HAI

09:15– 10:00	Pathogenesis of HAI Nikolaos Spervovasilis
10:00 – 10:45	Definitions of most common nosocomial infections (BSI, UTI, PN, SSI) Constantinos Tsioutis
10:45 – 11:15	Break
11:15– 12:45	Case studies HAI Nikolaos Spervovasilis and Constantinos Tsioutis
12:45 – 13:30	Lunch (Lokaal 13)
PRACTICAL INFECTION PREVENTION CONTROL SKILLS	
13:45 – 15:15	Parallel sessions in small groups (Lokaal 16 /UMCG Skills Center)
15:15 – 15:45	Break
<p>Location: Lokaal 16 Chair: Marjolein Knoester</p> <h3>OUTBREAKS AND IMMUNIZATION</h3> <p>Learning objectives:</p> <ul style="list-style-type: none"> • Role of healthcare workers in outbreaks (particularly viral-borne, e.g., influenza, norovirus) as vectors or accelerators 	
15:45 – 16:30	Pandemic preparedness Corine Geurts van Kessel
16:30 – 17:15	Vaccination for respiratory viruses Koos Korsten
17:15 – 18:00	Workshop vaccination (groups of 4) Corine Geurts van Kessel & Marjolein Knoester
18:30	Get together

Day 5 Friday, 12 June

Location: Lokaal 16
Chairs: Erik Bathoorn

SUSTAINABILITY

Learning objectives

- Sustainability and guidelines development

09:15– 09:45	Sustainability in infection prevention Geesje Roo Brand
09:45 – 10:30	Interactive session on sustainability and healthcare Geesje Roo Brand
10:30 – 11:00	Break
11:00– 11:45	Guidelines: how they are made Bart Versteeg
11:45 – 12:15	Feedback: lessons learned Erik Bathoorn
12:15 – 12:45	Lunch (Lokaal 13)
12:45 – 13:45	Assessment
13:45 – 14:00	Conclusive remarks Erik Bathoorn

Sponsors and supporters

