



16th General Practice Research on Infections Network Meeting
3rd – 4th October, Antwerp, Belgium

PROGRAMME AND ABSTRACTS

Grin
General Practice Research on Infections Network

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2. MEETING OVERVIEW

FRIDAY 3 OCTOBER 2014

12:00 – 13:00 *Welcome and lunch*

13:00 – 13:20 **Welcome** **Paul Van Royen, Dean of the Faculty of Medicine and Health Sciences**

13:20 – 14:40 **Session I** **Urinary tract infections**

14:40 – 15:00 *Break*

15:00 – 16:30 **Session II** **Aetiology and management of respiratory tract infections**

16:30 – 17:00 *Break*

17:00 – 18:00 **Session III** **Determinants of antibiotic prescribing**

18:00 – 18:30 **Keynote** **Mark Ebell, Diagnosis and treatment of influenza in primary care**

19:00 *Diner*

SATURDAY 4 OCTOBER 2014

9:00 – 10:00 **Session IV** **Patients, antibiotics and interventions**

10:00 – 10:30 *Break*

10:30 – 12:00 **Session V** **Infections in children**

12:00 – 12:30 **Date and venue for next meeting**

12:30 – 13:30 *Lunch and farewell*

3. PROGRAMME

FRIDAY 3 OCTOBER 2014

13:00 – 13:20 Welcome by Paul Van Royen, Dean of the Faculty of Medicine and Health Sciences

13:20 – 14:40 Session I Urinary tract infections

Chairs: Pia Touboul – Alistair Hay

1. Alike van der Velden
Cystitis: Antibiotic prescribing, consultation, attitudes and opinions
2. Guido Schmiemann
*Symptom presentation and diagnostic accuracy of urinary tract infection in women-
baseline results of a comparative effectiveness trial in German general practices*
3. Nick Francis
*Recovery from uncomplicated urinary tract infection in women: symptom trajectories
and factors associated with variation in recovery*
4. Carmen Wong
Epidemiology of urinary tract infections and antibiotic resistance of E. Coli isolates
5. Morten Lindbaek
Reducing inappropriate ciprofloxacin prescribing in the emergency department
6. Akke Vellinga
*The SIMple study: supporting the improvement and management of prescribing for
UTIs*

15:00 – 16:30 Session II Aetiology and management of respiratory tract infections

Chairs: Ceire Costelloe – Samuel Coenen

7. Jolien Teepe
Bordetella pertussis infection in adults with acute cough
8. Eric Claas
*Epidemiology and clinical impact of rhinovirus infection in adults: population-based
case-control study in 12 European countries (2007-2010)*
9. Hannah Thornton
*Associations between clinical presentation and microbes detected from throat swabs
in children presenting to primary care with acute cough*
10. Carmen Wong
*Symptoms associated with culture positive acute lower respiratory tract infections in
Hong Kong's primary care*
11. Carmen Wong
*Antibiotic prescription for acute cough: an observational study in Hong Kong using
GRACE protocol*
12. Mia Tyrstrup
*Prevalence of resistant bacteria in the upper respiratory tract in children in a primary
care setting and the association to antibiotic consumption*

13. Peder Andreas Halvorsen
Should patients with acute airways infections refrain from exercise, stay indoors or stay in bed? Survey of general practitioners' judgements in Poland and Norway
14. Lidewij Broekhuizen
Diagnosis of allergy against beta-lactams in primary care: prevalence and diagnostic criteria

17:00 – 18:00 Session III Determinants of antibiotic prescribing
Chairs: Sibyl Anthierens – Theo Verheij

15. Katarina Hedin
Respiratory tract infections in primary health care – a multi method case studying Health Care Centers with high and low antibiotic prescribing
16. Slawomir Chlabicz
Combined assessment of clinical and patient factors on doctors' decisions to prescribe antibiotics
17. Pascale Bruno
Acute respiratory infection and antibiotic prescription in general practice in France during the winter seasons 2006-2013
18. Siri Jensen
"Investigating cultural determinants for antibiotic prescribing and consumption in Norway, France and Poland." A proposal of further investigation
19. Mieke Van Driel
Are general practice registrars rational prescribers of antibiotics for respiratory tract infections?
20. Mieke Van Driel
Securing antibiotics for the future – exploring the attitudes of general practice registrars

18:00 – 18:30 Keynote by Mark Ebell, *Diagnosis and treatment of influenza in primary care*

The presenter will describe his program of research into influenza, touching on other acute respiratory infections as well. A proposed framework for research begins by trying to determine the pre-test probability, test threshold, and treatment threshold. It progresses to evaluating the accuracy of individual signs and symptoms, and the development and validation of a clinical decision rule for influenza. The program of research then moves on to a systematic review of the effectiveness of oseltamivir in adults, and a study of the natural history of acute cough illness. This framework can be applied to other acute respiratory illnesses to identify opportunities for inquiry.

SATURDAY 4 OCTOBER 2014

- 9:00 – 10:00 Session IV Patients, antibiotics and interventions**
Chairs: Kerry Hood – Niels Adriaenssens
21. David Gillespie
Factors associated with adherence to prescribed antibiotics: a comparison of findings from an observational study and a randomized clinical trial
22. Mieke Van Driel
Consumers' concerns about antibiotics: 8 year of medicines call centre data
23. John Paget
Antimicrobial resistance and causes of non-prudent use of antibiotics in Europe: the ARNA project
24. Famke Falkenberg & Marleen Alink
The use of patient information leaflets for common infections in general practice: a systematic review
25. Sigvard Mölsted
Sustained reduction in antibiotic prescribing and low bacterial resistance: 20-year follow-up of the Swedish Strama programme
- 10:30 – 12:00 Session V Infections in children**
Chairs: An De Sutter – Nick Francis
26. Claire O'Neill
« Old red skin » the burden of skincare on general practice and the need for skin care advice and support
27. Eefje de Bont
Treating the fever of the child ? General practitioners' experiences with out-of-hours consultations for childhood fever
28. Fran Carroll
Pressure on parents sending unwell children to nursery: a qualitative study from the Parents' Choices About Daycare (PiCarD) project
29. Fran Carroll
Developing the Evidence Base for Relief of Infection Symptoms (in children)
30. Kay Wang
Children at risk of influenza-related complications in primary and ambulatory care: systematic review of published and unpublished data
31. Paul Little
A Primary care randomised controlled trials of an internet based Infection control intervention to Modify Influenza-like illness and respiratory infection Transmission (PRIMIT trial)
32. Camielle Noordam
Care seeking behavior for children with signs of acute respiratory infection in high pneumonia mortality countries (in sub-Saharan Africa)
- 12:00 – 12:30 Date and venue for next meeting**