



GRIN
ABSTRACT BOOK

GENERAL PRACTICE RESEARCH ON INFECTIONS NETWORK

2021 Annual Meeting

Webinar 24th September

On behalf of the

2021 GRIN Committee

Katarina Hedin

Mark Ebell

Theo Verheij

Samuel Coenen

Malene Plejdrup Hansen

Programme		Title
14:00	Malene Plejdrup	Introduction
Plenary session 1		Respiratory tract infections (Chair: Jochen Cals)
14:10	Ruby Biezen	Evaluating the implementation of a pilot quality improvement program to support appropriate antimicrobial prescribing in general practice.
14:20	Cassie Lynn Chupp	Aetiology of acute cough or lower respiratory tract infection in outpatient settings.
14:30	Theo Verheij	Clinical presentation and disease course in patients with flu-like illness: does microbiological aetiology matter? A post-hoc analysis of RCT data.
14:40	Annelies Colliers	Understanding antibiotic prescribing for respiratory tract infections in out-of-hours primary care: a qualitative analysis of consultation videos focusing on eliciting ideas, concerns and expectations and safety netting.
14:50	Bengt Håkan Lindberg	Assessing respiratory tract infections out-of-hours - the tightrope walks of phone triage nurses. A qualitative study.
15:00	Toshihiko Takada	Diagnostic prediction models for computed tomography-confirmed acute rhinosinusitis and acute bacterial rhinosinusitis in adults presenting to primary care: an individual participant data meta-analysis.
15:10	Alike van der Velden	Country-level differences in antibiotic prescribing for respiratory tract infections and point of care testing in primary care: Prospective audit study in 18 European countries.
15:20	Mark Ebell	Telehealth decision-making for influenza: what is the impact of the availability of a rapid home test?
15:30	Josh Brewin	Healthcare Professional Perceptions of Remote Consulting and the use of Point of Care Testing to Deliver Healthcare in a Community Setting for Acute Respiratory Infections.
15:40	Coffee break	
Plenary session 2		COVID-19 (Chair: Akke Vellinga)
16:00	Stefan Heytens	Impact of the COVID-19 vaccination campaign on SARS-CoV-2 seroprevalence in Belgian nursing homes.
16:10	Lislore De Rop	Clinical follow-up of seropositive SARS-CoV-2 patients.
16:20	Michelle Bentivegna	Prevalence of previous infection with SARS-CoV-2 at a large university.

16:30	Brieze Read	Preventing the Spread of Infection: Comparing Public Knowledge to Pre-Lockdown.
16:40	Emily Cooper	How has the COVID-19 pandemic influenced women's perceptions and experience of their most recent UTI? – findings from cross-sectional internet survey in England.
16:50	Saskia Hullegie	Impact of the COVID-19 pandemic on childhood otitis media.
17:00	Josi Boeijen	Impact of the COVID-19 Pandemic on Antibiotic Prescribing for Common Infections in the Netherlands: A Primary Care-Based Observational Cohort Study.
17:10	Jeffrey Linder	The Agency for Healthcare Research and Quality (AHRQ) Safety Program for Improving Antibiotic Use: Antibiotic Stewardship Intervention in 389 United States Ambulatory Practices during the COVID-19 Pandemic.
17:20	Anne Holm	Management of symptomatic patients with suspected mild-moderate COVID-19 in general practice. What was published within the first year of the pandemic? A systematic scoping review.
17:30	Break	
Plenary session 3		Antibiotic stewardship (Chair: Samuel Coenen)
18:00	Katarina Hedin	Next meeting ...
18:05	Catherine Hayes	Empowering patients to self-manage common infections: a qualitative study informing the development of an evidence-based patient information leaflet.
18:15	Catherine Hayes	Mixed-method evaluation of a community Pharmacy Antimicrobial Stewardship Intervention (PAMSI).
Parallel session 1		Urinary tract infections – Other (Chair: Ildiko Gagyor)
18:30	Hanne Boon	Diagnosis of urinary tract infections in children: semi-structured interviews with general practitioners.
18:40	Morten Lindbæk	Preventive effect of methenamine in women with recurrent urinary tract infections— a case–control study.
18:50	Esther Hartman	Factors contributing to decisions on antibiotic prescribing for suspected urinary tract infections in frail older adults: preliminary results of a qualitative study.
19:00	Amal Gadalla	Effect of antibiotic consumption on self-reported recovery from uncomplicated urinary tract infection.
19:10	Oghenekome Gbinigie	The use of cranberry extract for treatment of symptoms of acute, uncomplicated UTI: A qualitative study.

19:20	Marissa Valentine-King	Predictors of Antibiotic Resistance to Commonly Prescribed Agents for Urinary Tract Infection in an Outpatient Setting in the United States.
19:30	Mandy Lau	A systematic review investigating the use of microbiology outcome measures in randomised controlled trials evaluating antimicrobial stewardship interventions over the past 10 years.
19:40	Arild Iversen	A large waterborne campylobacter outbreak in Norway - effects on primary care health services.
Parallel session 2		Children – Point-of-care tests – Other (Chair: Mark Ebell)
18:30	David Gillespie	Factors associated with self-reported health status following consultation for acute exacerbation of chronic obstructive pulmonary disease in UK primary care.
18:40	Matilde Bøgelund Hansen	Infection related sickness presenteeism among children in nurseries.
18:50	Amy Clark	Accuracy of the NICE Traffic Light System for detecting serious illness in acutely unwell young children presenting to general practice: a retrospective cohort study.
19:00	Feike Loots	A cost-effectiveness analysis of a new sepsis prediction model for the primary care setting.
19:10	Hannelore Dillen	Antibiotic use for children in Belgian ambulatory care: analysis of pharmacy dispensing data.
19:20	Marta Wanat	Supporting primary care professionals (PCPs) to stay in work: views on personal risk and access to testing during the first wave of pandemic in Europe.
19:30	Robby Markwart	Development of Point-of-Care-Tests with a Clinical Need in Primary Care: Establishing an Interdisciplinary Dialogue between POCT Developers, Researchers and Primary Care Physicians.
19:40	Alice Epps	Exploring primary care clinicians' views about how best to implement a potential future trial around point-of-care tests for common infections in South Africa.

Overview of abstracts

Abstract 1: *Evaluating the implementation of a pilot quality improvement program to support appropriate antimicrobial prescribing in general practice*

by Ruby Bizen et al.

Abstract 2: *Etiology of acute cough or lower respiratory tract infection in outpatient settings*

by Cassie Hulme et al.

Abstract 3: *Clinical presentation and disease course in patients with flu-like illness: does microbiological aetiology matter? A post-hoc analysis of RCT data*

by Theo Verheij et al.

Abstract 4: *Understanding antibiotic prescribing for respiratory tract infections in out-of-hours primary care: a qualitative analysis of consultation videos focusing on eliciting ideas, concerns and expectations and safety netting*

by Annelies Colliers et al.

Abstract 5: *Assessing respiratory tract infections out-of-hours - the tightrope walks of phone triage nurses. A qualitative study*

by Bent Håkan Lindberg et al.

Abstract 6: *Diagnostic prediction models for computed tomography-confirmed acute rhinosinusitis and acute bacterial rhinosinusitis in adults presenting to primary care: an individual participant data meta-analysis*

by Toshihiko Takada et al.

Abstract 7: *Country-level differences in antibiotic prescribing for respiratory tract infections and point of care testing in primary care: Prospective audit study in 18 European countries*

by Alike W van der Velden et al.

Abstract 8: *Telehealth decision-making for influenza: what is the impact of the availability of a rapid home test?*

by Mark Ebell et al.

Abstract 9: *Healthcare Professional Perceptions of Remote Consulting and the use of Point of Care Testing to Deliver Healthcare in a Community Setting for Acute Respiratory Infections*

by Josh Brewin et al.

Abstract 10: *Impact of the COVID-19 vaccination campaign on SARS-CoV-2 seroprevalence in Belgian nursing homes*

by Stephan Heytens et al.

Abstract 11: *Clinical follow-up of seropositive SARS-CoV-2 patients*

by Liselore De Rop et al.

Abstract 12: *Prevalence of previous infection with SARS-CoV-2 at a large university*
by Michelle Bentivegna et al.

Abstract 13: *Preventing the Spread of Infection: Comparing Public Knowledge to Pre-Lockdown*
by Brieze Read et al.

Abstract 14: *How has the COVID-19 pandemic influenced women's perceptions and experience of their most recent UTI? – findings from cross-sectional internet survey in England*
by Emily Cooper et al.

Abstract 15: *Impact of the COVID-19 pandemic on childhood otitis media*
by Saskia Hullegie et al.

Abstract 16: *Impact of the COVID-19 Pandemic on Antibiotic Prescribing for Common Infections in the Netherlands: A Primary Care-Based Observational Cohort Study*
by Josi Boeijen et al.

Abstract 17: *The Agency for Healthcare Research and Quality (AHRQ) Safety Program for Improving Antibiotic Use: Antibiotic Stewardship Intervention in 389 United States Ambulatory Practices during the COVID-19 Pandemic*
by Jeffrey Linder et al.

Abstract 18: *Management of symptomatic patients with suspected mild-moderate COVID-19 in general practice. What was published within the first year of the pandemic? A systematic scoping review*
by Anne Holm et al.

Abstract 19: *Empowering patients to self-manage common infections: a qualitative study informing the development of an evidence-based patient information leaflet*
by Cathrine Hayes et al

Abstract 20: *Mixed-method evaluation of a community Pharmacy Antimicrobial Stewardship Intervention (PAMSI)*
by Cathrine Hayes et al

Abstract 21: *Diagnosis of urinary tract infections in children: semi-structured interviews with general practitioners*
by Hanne Boon et al.

Abstract 22: *Preventive effect of methenamine in women with recurrent urinary tract infections—a case–control study*
by Morten Lindbæk et al.

Abstract 23: *Factors contributing to decisions on antibiotic prescribing for suspected urinary tract infections in frail older adults: preliminary results of a qualitative study*
by Esther Hartman et al.

Abstract 24: *Effect of antibiotic consumption on self-reported recovery from uncomplicated urinary tract infection*

by Amal Gadalla et al.

Abstract 25: *The use of cranberry extract for treatment of symptoms of acute, uncomplicated UTI: A qualitative study*

by Oghenekome Gbinigie et al.

Abstract 26: *Predictors of Antibiotic Resistance to Commonly Prescribed Agents for Urinary Tract Infection in an Outpatient Setting in the United States*

by Marissa Valentine-King et al.

Abstract 27: *A systematic review investigating the use of microbiology outcome measures in randomised controlled trials evaluating antimicrobial stewardship interventions over the past 10 years*

by Mandy Lau et al.

Abstract 28: *A large waterborne campylobacter outbreak in Norway - effects on primary care health services*

by Arild Iversen et al.

Abstract 29: *Factors associated with self-reported health status following consultation for acute exacerbation of chronic obstructive pulmonary disease in UK primary care*

by David Gillespie et al.

Abstract 30: *Infection related sickness presenteeism among children in nurseries*

by Mathilde Bøgelund Hansen et al.

Abstract 31: *Accuracy of the NICE Traffic Light System for detecting serious illness in acutely unwell young children presenting to general practice: a retrospective cohort study*

by Amy Clark et al.

Abstract 32: *A cost-effectiveness analysis of a new sepsis prediction model for the primary care setting*

by Feike Loots et al.

Abstract 33: *Antibiotic use for children in Belgian ambulatory care: analysis of pharmacy dispensing data*

by Hannelore Dillen et al.

Abstract 34: *Supporting primary care professionals (PCPs) to stay in work: views on personal risk and access to testing during the first wave of pandemic in Europe*

by Marta Wanat et al.

Abstract 35: *Development of Point-of-Care-Tests with a Clinical Need in Primary Care: Establishing an Interdisciplinary Dialogue between POCT Developers, Researchers and Primary Care Physicians*

by Robby Markwart et al.

Abstract 36: *Exploring primary care clinicians' views about how best to implement a potential future trial around point-of-care tests for common infections in South Africa*
by Alice epps et al.

Abstract 37: *Behaviour change techniques for supporting vaccine uptake in adults: a systematic review and behavioural analysis*
by Bilal Qureshi et al.

Abstract 39: *Antibiotic use for acutely ill children in the ambulatory care setting in high-income countries: a systematic review and meta-analysis (preliminary results)*
by Ruben Burvenich et al.

Abstract 40: *A systematic review of economic evaluations of point-of-care interventions to tackle inappropriate prescribing and antimicrobial resistance in ambulatory care in high- and middle-income countries*
by Erinn D'hulster et al.

Abstract 41: *Antibiotics and point-of-care tests at the Danish general practitioner cooperatives*
by Linda Huibers et al.

Abstract 42: *Aetiology, antibiotics, and clinical course of pharyngotonsillitis – a registry-based study in primary healthcare*
by Jon Pallon et al.