

Verbeteren van het voorschrijven van antibitoica voor kinderen met een luchtweginfectie

No registrations found.

Ethical review	Positive opinion
Status	Pending
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON24377

Source

Nationaal Trial Register

Brief title

RAAK

Health condition

antibiotic antibiotica

child kind

respiratory infection luchtweginfectie

education scholing

general practitioner huisarts

Sponsors and support

Primary sponsor: Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht

Source(s) of monetary or material Support: ZonMW, The Netherlands

Intervention

Outcome measures

Primary outcome

Antibiotic prescribing rate for children with respiratory tract infection (number of consultations with a prescription/total number of consultations). All participating GPs will register in a period of 4-8 weeks all consultations they have with children with a respiratory infection, prior and after the intervention.

Secondary outcome

number of antibiotic prescriptions for children per 100 children in the practice per year. These data will be collected anonymously via pharmacies.

Study description

Background summary

Antibiotic overuse is a growing public health problem. There is substantial overprescribing for children with respiratory tract infection. In this trial we educate general practitioners using an on-line training on the guidelines with respect to antibiotic management of children with a respiratory tract infection. Concomitantly, we ask the general practitioners to inform parents with an information booklet providing information on the natural course of disease, treatment options and benefits and disadvantages of antibiotics.

This trial aims better adherence to the existing guidelines and thereby an improved antibiotic management of children with respiratory tract infection.

Study objective

Education on guidelines and on communication with parents will improve antibiotic prescribing quality for children with respiratory infections. Providing this education on-line will be a cost-effective approach.

Study design

Primary outcome: will be measured in the winter seasons prior and after the intervention.

Secondary outcome:

base-line: 12 months of prescribing data prior to the intervention

1: 12 months of prescribing data after the intervention

Intervention

The intervention, targeted at general practitioners, will be an on-line training including:

- guidelines of the Dutch college of GPs with respect to antibiotic management of children with a respiratory tract infection
- training in communication skills for communication with parents
- information booklet for parents with information on respiratory tract infection in children.

Duration of the intervention is 1 hour of training.

Practices in the other arm do not receive education and will perform care as usual.

Contacts

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Eligibility criteria

Inclusion criteria

general practitioners willing to participate

in this intervention trial general practitioners will be included, not individual patients. 30 practices will participate in the trial.

Exclusion criteria

not relevant, as the intervention is targeted at general practitioners, not at patients

Study design

Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	01-01-2013
Enrollment:	30
Type:	Anticipated

Ethics review

Positive opinion	
Date:	03-10-2013
Application type:	First submission

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL4096
NTR-old	NTR4240
Other	: ZonMW50-51700-98-162
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Study results

Summary results

N/A