

Improving antibiotic use for patients with respiratory infection using an educational intervention

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Education on guidelines, combined with quality targets within the accreditation procedure improves quality of antibiotic prescribing

Ethische beoordeling	Positief advies
Status	Werving gestopt
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON26295

Bron

NTR

Verkorte titel

ARTI4

Aandoening

antibiotic antibiotica
respiratory infection luchtweginfectie
education scholing
general practitioner huisarts
accreditation praktijkaccreditering

Ondersteuning

Primaire sponsor: Julius Center for Health Sciences and Primary Care of the University Medical Center Utrecht

Overige ondersteuning: ZonMW, The Netherlands

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

number of antibiotic prescriptions per 1000 patients in the practice per year

number of PPI prescriptions per 1000 patients in the practice per year

Toelichting onderzoek

Achtergrond van het onderzoek

Antibiotic overuse is a growing public health problem. Interventions to optimise antibiotic prescribing by practitioners have shown effectiveness. This effect however diminished in time. With an educational intervention for general practitioners embedded within the practice organisation of the Dutch College of General Practitioners (defining targets for improvements) we aim to achieve a longer term positive effect on antibiotic prescribing quality.

Doel van het onderzoek

Education on guidelines, combined with quality targets within the accreditation procedure improves quality of antibiotic prescribing

Onderzoeksopzet

base-line (year prior to the intervention)

1: year after the intervention

2: second year after the intervention

3: third year after the intervention

These data will be collected for periods of 12 months anonymously via pharmacies.

Onderzoeksproduct en/of interventie

Education at the primary care center (duration: 1 hour) will be provided to improve antibiotic prescribing for respiratory tract infections. In the control practices, education with respect to correct prescription of proton-pump inhibitors (PPI) will be given. Both groups serve as each others controls. The intervention is aimed at all general practitioners in the practice stimulating them to follow the guidelines of the Dutch College of General Practitioners. The primary outcome of the study is the number of antibiotic and PPI prescriptions per 1000

patients per year. These data will be collected anonymously via pharmacies.

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

general practitioners willing to participate

important to mention is that we include GPs of primary care practices and no individual patients. The number of participants therefore refer to the number of included practices.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

none

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blinding:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland	
Status:	Werving gestopt
(Verwachte) startdatum:	01-01-2010
Aantal proefpersonen:	80
Type:	Werkelijke startdatum

Ethische beoordeling

Positief advies	
Datum:	03-10-2013
Soort:	Eerste indiening

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

Geen registraties gevonden.

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL4094
NTR-old	NTR4239
Ander register	: ZonMW 945-17-303
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Resultaten

Samenvatting resultaten

N/A