

Implementation of an Antibiotic Checklist

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Ethische beoordeling	Niet van toepassing
Status	Werving nog niet gestart
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON26783

Bron

NTR

Verkorte titel

AB-checklist

Aandoening

appropriate antibiotic use, bacterial infections in hospital, quality indicators

antibioticagebruik, kwaliteitsindicatoren, bacteriele infecties in het ziekenhuis

Ondersteuning

Primaire sponsor: Academic Medical Center Amsterdam

Overige ondersteuning: Supported by the Netherlands Organisation for Health Research and Development (zonMw)

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Effect evaluation:

- Length of hospital stay;

- Appropriate antibiotic treatment according to the generic quality indicators

Toelichting onderzoek

Achtergrond van het onderzoek

The aim is to develop and provide an antibiotic checklist based on validated generic quality indicators measuring the appropriateness of antibiotic use in hospitalized adults treated for a suspected bacterial infection, and to evaluate the introduction of the checklist in terms of (cost)- effectiveness. We will introduce the checklist in 9 Dutch hospitals, using a stepped wedge design.

Doel van het onderzoek

Applying to the antibiotic checklist - based on generic quality indicators for the antibiotic treatment of bacterial infections in the hospital - will likely result into better patient care in terms of adequate treatment, duration of intensive care unit (ICU)- and hospital stay, mortality, the total antibiotic use and costs.

Onderzoeksopzet

- Length of stay in days
- Readmission within 30 days
- Mortality in the hospital of within 30 days after discharge

Onderzoeksproduct en/of interventie

An antibiotic checklist based on generic quality indicators defining appropriate antibiotic use. The antibiotic checklist is meant as a reminding tool for the doctor who starts intravenous (IV) antibiotic treatment. It is divided in two parts; the first part has to be completed at the moment of prescribing IV antibiotics, and consists of five items. The second part of the checklist is applicable during the course of treatment, at the latest after 72 hours of treatment, and consists of two items.

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

- age $\geq$ 18 years old
- hospitalized patients or patients who will be hospitalized and present at the ED
- a suspected community-acquired and/or- hospital-acquired bacterial infection
- treatment with antibiotic therapy that starts intravenously.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

- anticipated hospital stay of less than 24 hours;
- antibiotics used as prophylaxis or $<$ 24 hours antibiotics;
- hospitalization at the ICU during start of the treatment;
- transfer from another hospital;

- antibiotic treatment in the ambulance, before presentation at the ED.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Factorieel
Toewijzing:	N.v.t. / één studie arm
Blinding:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland	
Status:	Werving nog niet gestart
(Verwachte) startdatum:	01-11-2014
Aantal proefpersonen:	1620
Type:	Verwachte startdatum

Ethische beoordeling

Niet van toepassing	
Soort:	Niet van toepassing

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

NTR-new

NTR-old

Ander register

ID

NL4727

NTR4872

: ZonMw: 836021001

Resultaten