

Results of the use of a trigger list to detect drug-related problems at the emergency room in older polypharmacy patients

Gepubliceerd: 07-05-2019 Laatste bijgewerkt: 18-08-2022

It is expected that the current triggers of the list will be the most common and most important triggers. Considering the estimated frequency from earlier studies, the triggers will be present in 5,6% of the people over 70 with polypharmacy.

Ethische beoordeling	Positief advies
Status	Werving gestart
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON26798

Bron

Nationaal Trial Register

Verkorte titel

TBA

Aandoening

Multimorbidity (patients aged 70 and up with polypharmacy)

Ondersteuning

Primaire sponsor: not applicable

Overige ondersteuning: not applicable

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Which medication related triggers of the trigger list are present in the emergency room in patients aged 70 years and older with polypharmacy (at least 5 medications)?

Toelichting onderzoek

Achtergrond van het onderzoek

A lot of elderly (age 70 and up) are using multiple kinds of medication on a chronic basis, which can all come with side effects. Those side effects can lead to a visit to the Emergency Room (ER). Sometimes these side effects are not recognised as such. Therefore the underlying cause, the side effect of the medication, remains unsolved, which can lead to recurrence of the issue. It can even cause permanent damage for the patient, i.e. fractures in reoccurring falling or even increase in mortality in elderly. It has a major impact not only on the patient, the family and potential informal carer, but on society as well.

To improve the recognition of side effects, a multidisciplinary team in older polypharmacy patients has developed a trigger list of visits to the ER potentially caused by drug use by elderly. The trigger list has been optimised by members of the project team and this improved version will be used for this study in the following hospitals in the Netherlands: Catharina Ziekenhuis Eindhoven (CZE), Canisius Wilhelmina Ziekenhuis (CWZ) and Universitair Medisch Centrum Utrecht (UMCU). The objective of this prospective study is to identify what triggers occur and how frequently they occur. Data are obtained from patient file research.

Doel van het onderzoek

It is expected that the current triggers of the list will be the most common and most important triggers. Considering the estimated frequency from earlier studies, the triggers will be present in 5,6% of the people over 70 with polypharmacy.

Onderzoeksopzet

inclusion in a two-month period, after inclusion period analysis of the data

Onderzoeksproduct en/of interventie

Not applicable

Contactpersonen

Publiek

Canisius Wilhelmina Hospital
Jacqueline Bos

+31243657600

Wetenschappelijk

Canisius Wilhelmina Hospital
Jacqueline Bos

+31243657600

Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

The population of this study will consist of patient aged 70 and up with polypharmacy (5 chronic medications or more), who present themselves in the ER in one of the three hospitals and from whom a medication verification was taken by a pharmacy assistant using a structured medical history.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Not applicable

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Anders

Toewijzing:	N.v.t. / één studie arm
Blinding:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland	
Status:	Werving gestart
(Verwachte) startdatum:	01-05-2019
Aantal proefpersonen:	600
Type:	Verwachte startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Ja

Ethische beoordeling

Positief advies	
Datum:	07-05-2019
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	NL7728

Register **ID**

Ander register Research Ethics Committee Radboud University Nijmegen Medical Centre :
File number CMO : 2019-5364

Resultaten