

Time differences in administrating and registration of medication in the Emergency Department

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We hypothesize that in many patients there will be an inconsistency between administrating medication and registration in the EHR of more than 15 minutes. Making retrospective studies drawing conclusions on data from the EHR less reliable.

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

Samenvatting

ID

NL-OMON20550

Bron

NTR

Verkorte titel

TIMED

Aandoening

Emergency care illnesses

Ondersteuning

Primaire sponsor: University Medical Center Utrecht

Overige ondersteuning: Initiator

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Toelichting onderzoek

Achtergrond van het onderzoek

Rationale: Early administration of medication in the emergency department (ED) is essential when treating (life-threatening) diseases in patients. Quality parameters and protocols focus on timely administration of medication, for example the 'golden hour' in sepsis care. However, literature often reports time-to antibiotics is rarely accomplished within this advised hour. This could be due to inconsistencies in the time ED nurses administer the medication and the time of registration in the Electronic Health Record (EHR). When this inconsistency exist, reported time-to-medication data by retrospective studies in literature can be questioned.

Objective: to investigate the extent of inconsistencies between medication treatment administration time and registration time in the ED by nurses.

Study design: a prospective observational, time-motion study.

Study population: ED nurses en ED patients

Main study parameters/endpoints: The total number of patients in which administration time of the medication and registration time is inconsistent.

To identify factors (patient related and non-patient related) that are of influence on inconsistencies in administration time and registration time of medication.

Nature and extent of the burden associated with participation, benefit and group relatedness: As this will be an observational study, there will be no burden of participation related to the study. Patients will receive standard care, as they always will. Nurses will not be rated or judged based on their performance.

Doel van het onderzoek

We hypothesize that in many patients there will be an inconsistency between administering medication and registration in the EHR of more than 15 minutes. Making retrospective studies drawing conclusions on data from the EHR less reliable.

Onderzoeksopzet

ED visitation

Onderzoeksproduct en/of interventie

None

Contactpersonen

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

All patients in the ED are eligible to participate in this study.

For ED nurses: in order to be eligible to participate in this study, a subject must meet all of the following criteria:

- Be a trained ED nurse
- Work in the ED at the UMC Utrecht
- Have agreed to participate in this study

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

For patients there are no exclusion criteria.

For nurses: a potential subject who meets any of the following criteria will be excluded from participation in this study:

- Nurses who are still specialising to be an ED nurse
- Nurses who did not agree to participate in this study

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 nog niet gestart
(Verwachte) startdatum:	03-02-2020
Aantal proefpersonen:	100
Type:	Verwachte startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nee

Ethische beoordeling

Positief advies	
Datum:	12-12-2019
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	NL8228
Ander register	METC Utrecht : 19/695

Resultaten