

Workarounds in barcode assisted medication administration

No registrations found.

Ethical review	Not applicable
Status	Recruiting
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON26141

Source

Nationaal Trial Register

Brief title

Dutch BCMA Study

Health condition

Primary objectives are to describe the frequency and type of workarounds in the BCMA process and to determine the association of workarounds with medication (administration) errors in the BCMA process. Secondary objective is to explore the potential risk factors (determinants) for workarounds.

Sponsors and support

Primary sponsor: Research Institute SHARE,
Graduate School of Medical
Sciences, University of
Groningen, Groningen,
The Netherlands

Source(s) of monetary or material Support: none

Intervention

Outcome measures

Primary outcome

The primary endpoints of the study are the number and type of workarounds, and the number, type and class of medication errors.

Secondary outcome

As secondary endpoints determinants for workarounds will be collected

Study description

Background summary

New technology based methods such as bar code assisted medication administration systems (BCMA) should reduce administration errors in hospitalized patients but user interpretation of new procedures by staff (nurses and doctors) can lead to workarounds and as a consequence to medication administration errors and patient harm.

Study objective

New technology based methods such as bar code assisted medication administration systems (BCMA) should reduce administration errors in hospitalized patients but user interpretation of new procedures by staff (nurses and doctors) can lead to workarounds and as a consequence to medication administration errors and patient harm.

Study design

Not Applicable

Intervention

Not Applicable

Contacts

Public

Research Institute SHARE,
Graduate School of Medical
Sciences

University of Groningen,
Groningen, The Netherlands

Willem Veen, van der
Groningen
The Netherlands

Scientific

Research Institute SHARE,
Graduate School of Medical
Sciences
University of Groningen,
Groningen, The Netherlands

Willem Veen, van der
Groningen
The Netherlands

Eligibility criteria

Inclusion criteria

Hospitalized patients receiving medication on wards that participate in this study

Exclusion criteria

Hospitalized patients younger than 18 years

Study design

Design

Study type:	Observational non invasive
Intervention model:	Parallel
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL
Recruitment status: Recruiting
Start date (anticipated): 15-01-2015
Enrollment: 660
Type: Anticipated

Ethics review

Not applicable
Application type: Not applicable

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	NL4114
NTR-old	NTR4355
Other	: WA_BCMA Study
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Study results

Summary results

N/A