

Increasing Competence of health care providers: Application of newly Learned non-pharmacological Methods in the ER: the CALM(ER) study.

No registrations found.

Ethical review	Positive opinion
Status	Pending
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON22843

Source

NTR

Brief title

CALM(ER)

Health condition

Not applicable

Sponsors and support

Primary sponsor: Not applicable

Source(s) of monetary or material Support: Not applicable

Intervention

Outcome measures

Primary outcome

The applicability of learned non-pharmacological interventions, measured using the following

application outcomes: feasibility, penetration, sustainability and acceptability.

Secondary outcome

- The amount of emergency medicine employees actually administering the acquired non-pharmacological skills during their daily work routine.
- Job satisfaction amongst emergency medicine employees.
- Difference in patient satisfaction, focused on approach by emergency medicine employees, measured by a validated emoji rating scale.

Study description

Background summary

Pain, fear and agitation are not unfamiliar in Emergency Department (ED) patients. To reduce these uncomfortable sensations, pharmacological agents are often administered, despite common disadvantages like adverse effects, prolonged stay in the ED and necessary intensive monitoring.

Non-pharmacological interventions, including particular communication skills and distraction techniques, have been shown to be effective to reduce pain, anxiety and discomfort in patients undergoing invasive treatment or painful procedures outside the ED. We believe that these interventions could also be of great value in causes of pain, fear and agitation in ED patients. Furthermore, we think that implementation of these interventions in the ED could lead to a higher level of job satisfaction and autonomy amongst caregivers and a higher quality of patient care. It might even lead to a higher level of efficiency of ED care.

To our knowledge non-pharmacological interventions to increase patient comfort are infrequently used in the ED and no previous studies have been performed investigating the use of non-pharmacological interventions in the Emergency Department. In this study we will investigate whether the use of non-pharmacological interventions can easily be implemented in the ED after a one day training of ED health care providers. Furthermore we will analyse the effects of the use of non-pharmacological interventions on health care providers themselves and ED patients.

We will investigate to what extent health care providers feel competent to use non-pharmacological interventions to treat pain, fear and discomfort after a one-day training course and how often non-pharmacological interventions are used by ED health care workers. Furthermore, we will investigate levels of job satisfaction in health care workers and levels of comfort in patients before and after the training course.

Study objective

An ED health care provider will use non-pharmacological skills more often and feel more competent to treat pain, discomfort and fear in ED patients after a one-day training course in

non-pharmacological skills to increase comfort, measured as a moderate effect.

Study design

Before training, directly after training, 6 weeks after training, 3 months after training.

Intervention

At four different moments a questionnaire will be distributed amongst emergency department employees. These four different moments are defined as followed: before training, directly after training, 6 weeks after training and 3 months after training. These questionnaires consist of validated questions, selected by our research group.

Contacts

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Eligibility criteria

Inclusion criteria

Any emergency department employee participating in a one-day training Skills4Comfort and providing permission to be included in the study.

Exclusion criteria

None

Study design

Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Non controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	01-09-2021
Enrollment:	35
Type:	Anticipated

IPD sharing statement

Plan to share IPD: No

Plan description

Not applicable

Ethics review

Positive opinion	
Date:	02-08-2021
Application type:	First submission

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

NTR-new

Other

ID

NL9663

METC VUmc : 2021.0498

Study results

Summary results

Not applicable