Patient education and postoperative pain.

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An educational film seen before surgery change the postoperative expressed need for opioids by the patient (i.e., increase when postoperative patients report NRS > 4 and decrease when patients report NRS ≤ 4).

Ethische beoordeling	Positief advies
Status	Werving gestopt
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON20849

Bron
NTR

Aandoening

postoperative pain, patient education, pain assessment.
postoperatieve pijn, patientenvoorlichting, pijnmeting.

Ondersteuning

Primaire sponsor: University Medical Center Utrecht, The Netherlands
Overige ondersteuning: UMC Utrecht and Fonds NutsOhra

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

The main study endpoint is the patient's postoperative pain score on the NRS and the expressed need for (more) opioids by the patient.
Pain will be measured in each patient on the ward on the day after surgery by trained research nurses who are not involved in the postoperative care of that patient and are not

aware of the study group in which the patient is included. The patient will be asked to score the enduring pain on an 11 point scale, where 0 indicates no pain and 10 indicates the worst imaginable pain. After the assessment of pain the patients will be asked if they want to have (more) morphine.

Toelichting onderzoek

Achtergrond van het onderzoek

Rationale:

A patient's pain score on the Numeric Rating Scale (NRS) is a leading indicator in postoperative pain treatment. Previous studies show different interpretations of the NRS score between patients and professionals. A risk of under- or overtreatment might arise when health care providers rigidly follow guidelines that prescribe strong analgesics. Patients need to be better educated about the NRS score and pain treatment to prevent under- or overtreatment with opioids.

Objective:

Does an educational film seen before surgery change the postoperative expressed need for opioids by the patient? Does an educational film improve patients' knowledge, attitude and self-efficacy and decrease anxiety towards postoperative pain and pain management?

Study design:

The study is a Randomized Controlled Trial.

Study population:

Adult patients scheduled for elective surgery and visiting the Outpatient Preanaesthesia Evaluation Clinic in UMC Utrecht.

Intervention:

The intervention of interest is an educational film on postoperative pain, pain assessment

(NRS) and pain medication; the film lasts five minutes. The control group will see a film about the infotainment system of the hospital; this film lasts three minutes.

Doel van het onderzoek

An educational film seen before surgery change the postoperative expressed need for opioids by the patient (i.e., increase when postoperative patients report NRS > 4 and decrease when patients report NRS ≤ 4).

Onderzoeksopzet

1. After watching the film the patient is asked to fill in a questionnaire containing questions whether the patient understood the message of the film and the TMSI;

2. Two weeks before surgery a questionnaire will be send to the patient by mail and with an invitation to fill in and send the questionnaire back with the return envelop. Demographic data (age, gender, educational level and preoperative pain) will be collected;

3. The day after surgery, the pain scores (NRS and VRS) and the expressed need for (more) opioids will be collected.

Onderzoeksproduct en/of interventie

The intervention of interest is an educational film on postoperative pain, pain assessment (NRS) and pain medication. The film lasts four minutes. The control group will see a film about the infotainment system of the hospital. This film lasts three minutes.

Contactpersonen

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

All elective surgery patients of 18 years and older visiting the Outpatient Preanaesthesia Evaluation Clinic in UMC Utrecht.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

1. Patients younger than 18 years;

2. Patients for ambulatory surgery;

3. Patients who do not adequately understand Dutch;

4. Patients with mental impairment.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blindering:	Open / niet geblindeerd
Controle:	Geneesmiddel

Deelname

Nederland

Status:	Werving gestopt
(Verwachte) startdatum:	01-11-2011
Aantal proefpersonen:	350
Type:	Werkelijke startdatum

Ethische beoordeling

Positief advies

Datum:	10-10-2011
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	NL2948
NTR-old	NTR3095
Ander register	UMC Utrecht : 11-280/E
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Resultaten

Samenvatting resultaten

N/A