

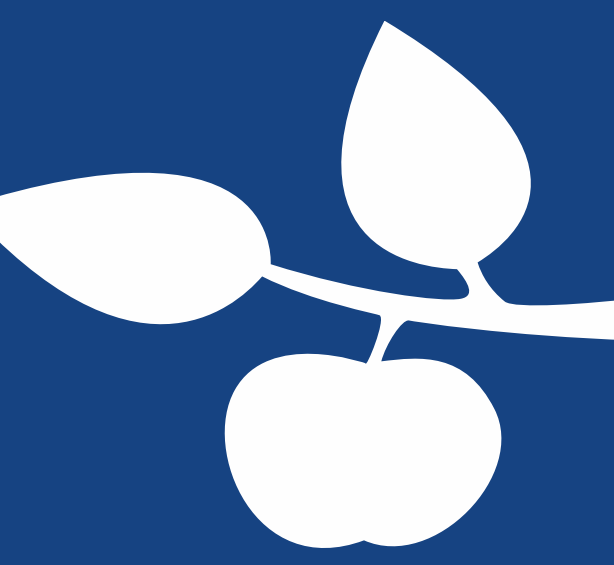
# PATIENT SELF-ADMINISTRATION OF PAINKILLERS

A study in acute abdominal pain

Helen Schultz, RN, PhD<sup>1,2</sup>, Line Abrahamsen, RN<sup>1</sup>, Lise Rekvad, RN, MCN<sup>3</sup>, Ulla Skræp, RN, MCN<sup>1</sup>, Charlotte Mose, RN<sup>3</sup>, Ulla Tecedor, RN<sup>1</sup>, Annmarie Lassen, MD, DMSci<sup>3</sup> and Niels Qvist, MD, DMSci<sup>1</sup>

[helen.schultz@rsyd.dk](mailto:helen.schultz@rsyd.dk)

<sup>1</sup>Surgical Department, Odense University Hospital, Denmark. <sup>2</sup>NICE Welfare, Centre for Welfare State Research, University of Southern Denmark and OPEN (Odense Patient Data Explorative Network), Odense University Hospital, Denmark. <sup>3</sup>Emergency Department, Odense University Hospital, Denmark



## Introduction

Patients with acute abdominal pain can experience insufficient pain management during hospitalization. Patient involvement in medical treatment in other clinical situations has shown to be a successful method for improving patient satisfaction and experience.

## Objective

To investigate how self-administration of peroral analgesics for acute abdominal pain effect

- pain intensity
- use of analgesics
- patient satisfaction
- patient experience



## Method

A before-and-after study

### Control group

Usual care with nurse-administered analgesia.

### Intervention group

Self-administration of peroral analgesia, with patient reference to:

- the pain intensity rating scale
- the WHO analgesic ladder

### Data collection

- Medical file review (2 x 138 patients)
- Questionnaire study (2 x 138 patients)
- Qualitative interviews (2 x 19 patients)

## Results

*Control group:* 138 patients have been included in the questionnaire study and medical file review. In addition, 19 patients have been included for interview.

*Intervention group:* Inclusion in progress.



FIGURE: Pain intensity rating scale and the WHO analgesic ladder

## Conclusion

The study will provide knowledge about the impact of patient involvement in pain management on pain intensity, use of analgesics, and patient satisfaction and experience.

## SUPPORT

Surgical Department, Odense University Hospital, University of Southern Denmark, The Novo Nordisk Foundation