

# Evaluation of education for registered nurses working in municipality care

<b>Submission date</b> 08/11/2021	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input checked="" type="checkbox"/> Protocol
<b>Registration date</b> 10/12/2021	<b>Overall study status</b> Stopped	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
<b>Last Edited</b> 05/12/2024	<b>Condition category</b> Other	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

## Plain English summary of protocol

### Background and study aims

Nurse professional competence is essential for quality of care and lifelong training is of importance for professional growth. The overall aim of the present study is to evaluate education for registered nurses working within municipality care.

### Who can participate?

Participants are registered nurses working within municipality care

### What does the study involve?

An education program is given by the university on behalf of the municipality within one region. Registered nurses within the municipality apply for the education that is 7.5 credits each for two courses, they can attend one course (7.5 credits) or both (15 credits). The courses are "Advanced nursing within municipal care, 7.5credits" and "Palliative nursing, 7.5 credits".

Nurses who do not take the courses will be included as a control group.

All participants will complete some questionnaires at the start and end of the study period.

### What are the professional benefits and risks of participating?

The benefits are that the registered nurses have an opportunity to develop their professional competence and be more confident in their work. No risks.

### Where is the study run from?

University of Gävle (Sweden)

### When is the study starting and how long is it expected to run for?

September 2021 to December 2024

### Who is funding the study?

University of Gävle (Sweden)

### Who is the main contact?

Annica Björkman, annica.bjorkman@hig.se

# Contact information

## Type(s)

Scientific

## Contact name

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# Additional identifiers

## Clinical Trials Information System (CTIS)

Nil known

## Protocol serial number

2021-05388-01

# Study information

## Scientific Title

Evaluation of education for registered nurses working in municipality care; an experimental study with an intervention and comparison group

## Study objectives

Registered nurses taking part in an education (intervention group) improve their self-rated scores of professional competence, thriving, self-efficacy, job satisfaction, structural empowerment and quality of care more over time than registered nurses not taking part in the education (comparison group).

Furthermore, are there any differences in the units' (where the nurses work) error reports, and reports in the national quality registers Senior alert and Palliative Care?

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

Approved 03/11/2021, Etikprövningsmyndigheten (Box 2110, 75002 Uppsala; +46 010-475 08 00; [registrator@etikprovning.se](mailto:registrator@etikprovning.se))

## **Study design**

Interventional quasi experimental design

## **Primary study design**

Interventional

## **Study type(s)**

Other

## **Health condition(s) or problem(s) studied**

Education for registered nurses working in municipality care

## **Interventions**

The registered nurses apply for the education if they are interested and all registered nurses that take part in the education will be invited to take part in the study. From the participating municipalities, we will ask registered nurses that chose not to take part in the education (intervention) to take part in a comparison group.

The education will take part regardless of the research.

An education program 7.5 credits given by the university on behalf of the municipality within one region. Registered nurses within the municipality apply for the education that is 7.5 credits each for two courses, they can attend one course (7.5 credits) or both (15 credits). The courses are "Advanced nursing within municipal care, 7.5credits" and "Palliative nursing, 7.5 credits"

## **Intervention Type**

Behavioural

## **Primary outcome(s)**

Competence, self-efficacy and thriving are measured using the Nurse Professional Competence scale (35 items and 6 factors), one factor from Spreitzer's Psychological empowerment scale measuring competence/self-efficacy/belief in your own ability 3 items and the Thriving scale (11 items and 2 factors). Data collection will be during the first week(s) of the education and when the education ends and at the same time in the comparison group (might be with one months delay)

## **Key secondary outcome(s)**

1. Job satisfaction measured using the Brief index of affective job satisfaction 7 items
2. Structural empowerment measured using the Condition of Work Effectiveness Questionnaire (CWEQ-II) 19 items six factors and
3. Quality of care measured with the Nurse Satisfaction with given Care (NSC) 9 frågor and 2 items measuring evidence-based care (belief in one's ability and motivation/intention)  
Data collection for 1-3 will be during the first week(s) of the education and when the education ends and at the same time in the comparison group (might be with one month delay)
4. Error reports will be collected from the units where the nurses work (retrospectively 12 months before the education) and 12 months after all education.
5. The units' reports in the national quality registers Senior alert and Palliative Care will be collected six months before the intervention and six months after all education.

## **Completion date**

31/12/2024

**Reason abandoned (if study stopped)**

Lack of staff/facilities/resources

## Eligibility

**Key inclusion criteria**

Registered nurses working in municipal care within the region

**Participant type(s)**

Health professional

**Healthy volunteers allowed**

No

**Age group**

Adult

**Sex**

All

**Key exclusion criteria**

Does not meet inclusion criteria

**Date of first enrolment**

15/11/2021

**Date of final enrolment**

01/09/2023

## Locations

**Countries of recruitment**

Sweden

**Study participating centre**

University of Gävle

Kungsbäcksvägen

Gävle

Sweden

80176

## Sponsor information

**Organisation**  
Högskolan i Gävle

## Funder(s)

**Funder type**  
University/education

**Funder Name**  
Högskolan i Gävle

## Results and Publications

### Individual participant data (IPD) sharing plan

The datasets generated during and/or analysed during the current study are not expected to be publicly available due to general data protection regulations (GDPR), and in accordance with ethical application sent to the Swedish Ethical Review Authority

### IPD sharing plan summary

Not expected to be made available

### Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Participant information sheet</a>	Swedish language information sheet for researchers	14/10/2021	15/11/2021	No	Yes
<a href="#">Participant information sheet</a>	Swedish language information sheet for researchers	14/10/2021	15/11/2021	No	Yes
<a href="#">Protocol file</a>	version 3	15/11/2021	15/11/2021	No	No