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Evaluation of education for registered nurses working in municipality care

Submission date 08/11/2021	**Recruitment status** No longer recruiting	[_] Prospectively registered [X] Protocol
Registration date 10/12/2021	**Overall study status** Stopped	[_] Statistical analysis plan [_] Results
Last Edited 05/12/2024	**Condition category** Other	[_] Individual participant data [_] 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 pf 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?
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Contact information

Type(s)
Scientific

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Additional identifiers

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, strucutral 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)

Primary study design
Interventional

Study design
Interventional quasi experimental design

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?
Participant information sheet	Swedish language information sheet for researchers	14/10/2021	15/11/2021	No	Yes
Participant information sheet	Swedish language information sheet for researchers	14/10/2021	15/11/2021	No	Yes
Protocol file	version 3	15/11/2021	15/11/2021	No	No