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Ready for shared decision making: decision coaching

Submission date
13/02/2023

Recruitment status
No longer recruiting

Registration date
14/02/2023

Overall study status
Completed

Last Edited
12/02/2025

Condition category
Other

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] Individual participant data

Plain English summary of protocol
Background and study aims
Nurses play a crucial role in supporting patients to participate in healthcare decisions. However, in Norway training programs to strengthen nurses' decision-support skills are missing and shared decision-making (SDM) have not yet been routinely adopted in clinical practice. The aim of this study is to develop, deliver and evaluate a nurse-led decision coach training module.

Who can participate?
Nurses working at departments with SDM-relevant decisions and preferably where there was developed/in development a decision aid to be published on the national platform.

What does the study involve?
Nurses are invited to participate in decision coaching training. The two-fold training comprises part A (6 hours): SDM basics and behavior skills, and part B: individualized feedback on an own audio tape of an SDM coaching submitted by the nurse (1 hour). Participating nurses have to fill in a questionnaire at the end of parts A and B of the training.

What are the possible benefits and risks of participating?
Participants may benefit by getting increased knowledge and skills in SDM and decision coaching, and it may have future benefits, as the results of the study are likely to influence the implementation of SDM in Norway. If the nurses implement their new knowledge and skills the researchers think that patients will benefit from the opportunity to reflect on the different options and from the personal and individually adapted contact with the decision coach. The researchers do not foresee any serious risks concerning their intervention.

Where is the study run from?
University Hospital of North Norway (Norway)

When is the study starting and how long is it expected to run for?
August 2019 to August 2020

Who is funding the study?
1. Northern Norway Regional Health Authority (Norway)
2. South–Eastern Norway Regional Health Authority (Norway)

Who is the main contact?
Simone Kienlin, simone.kienlin@helse-sorost.no

Contact information

Type(s)
Scientific

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Study information

Scientific Title
Preliminary testing of a training module for nurses preparing to provide decision coaching

Study objectives
The aim of this study is to develop, deliver and evaluate a nurse-led decision coach training module.

Ethics approval required
Old ethics approval format

Ethics approval(s)
1. Approved 10/12/2019, the ethics committee at the South-Eastern Norway Regional Health Authority (Helse Sør-Øst RHF, Postboks 404, 2303 Hamar, Norway; +47 (0)62 58 55 00; postmottak@helse-sorost.no), ref: 2017/82 C
2. Approved 08/10/2019, the ethics committee at the University Hospital in North Norway (UNN; Universitetssykehuset Nord-Norge HF, Postboks 100, 9038 Tromsø, Norway; +47 (0)776 26000; personvernombudet@unn.no), ref: 2017/1461

Primary study design

Observational

Study design
Descriptive study, informed by Kirkpatrick’s four-stage model of evaluation

Study type(s)
Other

Health condition(s) or problem(s) studied
Communication training, decision coaching

Interventions
The training program was composed of two parts (A and B) with corresponding learning objectives. The total amount of time required to complete the training was about seven hours, comprising 6 hours of classroom training and 1 hour for the “home task” and receiving feedback.

Learning objectives:

Part A:
1. Explain the background and rationale for shared decision-making (SDM) and decision coaching (DC) and the situations in which it is relevant
2. Know about the nurse’s role in SDM
3. Explain and justify the structure of an SDM process and its quality criteria
4. Navigate easily within a decision-making process
5. Hold basic skills in guiding patients through the six steps for SDM applied to medical problems from their local domain
6. Know various measures to support the patient in making decisions
7. Holds basic skills in guiding patients through decision aids addressing medical problems from their local medical domain
8. Know the answers to frequently asked questions

Part B:
1. Adopt the nurse’s role in SDM
2. Navigate easily within a decision-making process
3. Hold basic skills in guiding patients through the six steps for SDM applied to medical problems from their local domain
4. Holds basic skills in guiding patients through decision aids addressing medical problems from their local medical domain

Intervention Type
Behavioural

Primary outcome(s)
1. Demographic data such as gender, age, clinical departments, and years of clinical practice collected for sample description purposes at the end of part A of the training
2. After part A of the training the participants will be given a self-administered paper questionnaire assessing the three levels of Kirkpatrick's training evaluation model:
2.1. Level one (reaction); relevance and satisfaction will be assessed using a questionnaire and field observations (four items, Likert scale, open-ended questions regarding applicability and the need for revision of the training).
2.2. Level two (learning); knowledge, attitude, skills, confidence, and commitment will be

assessed with a questionnaire (six items, Likert scale).
2.3. Level three (behavior):
2.3.1. Nurses anticipated needs regarding the implementation of decision coaching and providing decision aids (two open-ended questions end of part A of the training), in the face of volition state.
2.3.2. If the participants complete part B of the training, the task of providing decision support to a patient with decisional needs (providing an audio recording for individual feedback). To provide individual feedback to the participants the extent of patient involvement in the audio recordings will be assessed using the observer scale from the MAPPIN'SDM inventory.

Key secondary outcome(s)
There are no secondary outcome measures

Completion date
01/08/2020

Eligibility

Key inclusion criteria
Nurses working at departments with SDM relevant decisions and preferably where there was developed/in development a decision aid to be published on the national platform.

Participant type(s)
Health professional

Healthy volunteers allowed
No

Age group
Adult

Sex
All

Total final enrolment
19

Key exclusion criteria
Physicians and health professionals working in administrative functions.

Date of first enrolment
01/09/2019

Date of final enrolment
20/01/2020

Locations

Countries of recruitment
Norway

Study participating centre
University Hospital of North Norway
Sykehusvegen 38
Tromsø
Norway
9019

Study participating centre
Akershus University Hospital
Sykehusveien 25
Nordbyhagen
Norway
1478

Sponsor information

Organisation
University Hospital of North Norway

ROR
https://ror.org/030v5kp38

Funder(s)

Funder type
Government

Funder Name
Helse Nord RHF

Alternative Name(s)
Northern Norway Regional Health Authority

Funding Body Type
Government organisation

Funding Body Subtype
Local government

Location
Norway

Funder Name
Helse Sør-Øst RHF

Alternative Name(s)
South-Eastern Norway Regional Health Authority, Southern and Eastern Norway Regional Health Authority, helsesorost, Helse Sør-Øst RHF, helse-sor-ost-rhf, HSØ RHF - South-Eastern Norway Regional Health Authority, sorost

Funding Body Type
Government organisation

Funding Body Subtype
National government

Location
Norway

Results and Publications

Individual participant data (IPD) sharing plan
The datasets used and/or analysed during the current study are available from the corresponding author on reasonable request: Simone Kienlin (simone.kienlin@helse-sorost.no). The type of data that will be shared: information about the intervention such as the Powerpoint presentation and materials and anonymized data material used in the analysis. All participating nurses signed a consent form before leaving the training.

IPD sharing plan summary
Available on request

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article		10/02/2025	12/02/2025	Yes	No