

Ready for shared decision making: decision coaching

Submission date 13/02/2023	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 14/02/2023	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
Last Edited 12/02/2025	Condition category Other	<input type="checkbox"/> 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

Contact name

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Additional identifiers

EudraCT/CTIS number

Nil known

IRAS number

ClinicalTrials.gov number

Nil known

Secondary identifying numbers

Nil known

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

Study design

Descriptive study, informed by Kirkpatrick's four-stage model of evaluation

Primary study design

Observational

Secondary study design

Pretest

Study setting(s)

Hospital

Study type(s)

Other

Participant information sheet

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 measure

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.

Secondary outcome measures

There are no secondary outcome measures

Overall study start date

01/08/2019

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

Age group

Adult

Sex

Both

Target number of participants

20

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

Sponsor details

Sykehusvegen 38
Tromsø
Norway
9019
+47 (0)77 62 60 00
post@unn.no

Sponsor type

Hospital/treatment centre

Website

unn.no

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, sorost

Funding Body Type

Government organisation

Funding Body Subtype

National government

Location

Norway

Results and Publications

Publication and dissemination plan

Planned publication in a high-impact peer-reviewed, open-access journal within 3 years after conducting the intervention. The results will also be presented at relevant national and international conferences

Intention to publish date

01/05/2023

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