

# Improving nurses' continuing vocational training in psychiatric hospitals and inpatient units

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		<input type="checkbox"/> Protocol
<b>Registration date</b> 24/11/2010	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
<b>Last Edited</b> 06/05/2014	<b>Condition category</b> Other	<input type="checkbox"/> Individual participant data

## Plain English summary of protocol

Not provided at time of registration

## Study website

<http://www2.med.utu.fi/epsychnursenet/index.html>

## Contact information

### Type(s)

Scientific

### Contact name

Prof Maritta Välimäki

### Contact details

Department of Nursing Science

Turku

Finland

20014

+358 (0)2 333 8495

mava@utu.fi

## Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

## Secondary identifying numbers

FI-06-B-F-PP-160701

# Study information

## Scientific Title

The impact of eLearning course on nurses professional competence in psychiatric nursing: a multicentre, randomised controlled open label study

## Acronym

PsychEduNurse.Net

## Study objectives

The primary hypothesis of the study is that nurses working in those wards who participate in eLearning course (ePsychNurse.Net) would have better knowledge on coercion-related legislation, physical restraint and seclusion comparing to nurses working in wards who would not participate in the course.

The secondary hypothesis is that nurses working in those wards who participate in eLearning course would have less favourable attitudes towards physical restraint and seclusion and improved job satisfaction compared to nurses working in those wards who would not participate in the course.

We will also hypothesise that ePsychNurse.Net would decrease the seclusion and restraint incidents and length on the wards comparing to those wards who not participate in the course. Further, the costs of eLearning course will be lower than by traditional methods (e.g., education sessions alone).

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

Ethics Committee of Helsinki and Uusimaa Hospital District, 13/03/2007, 73/E7/2007 HUS

## Study design

Multicentre randomised controlled open label study

## Primary study design

Interventional

## Secondary study design

Randomised controlled trial

## Study setting(s)

Hospital

## Study type(s)

Quality of life

## Participant information sheet

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

Nurses' continuing vocational training

## **Interventions**

Intervention group:

Nurses participated in eLearning course. Nurses receive needs-based education. eLearning course was built up using the Moodle platform and includes following six main themes related to the taking care of this patient group:

1. Legal implications
2. Ethical issues
3. Internal and external factors effecting to the care of distressed and disturbed patients
4. Self-awareness and interpersonal relationships
5. Teamwork
6. Integration of knowledge and practice

eLearning course takes 120 hours during three months. The eLearning course has to be accomplished on a module-by-module basis in a pre-defined order. Each module requires individual working tasks in the form of reflective journal, assignment, discussion forum, self-awareness exercise, and reading material. Virtual patient scenario and self-awareness exercise was included depending on the module. The tutors (experiences nurses with MNS and/or PhD degree) coordinated the course, supervised the students and gave feedback on each modules tasks accomplished by the students. To ensure appropriate technological resources, the computers were checked for adequate programs needed for running the course. Information on how to use the portal and the aims of the course to the nurses was organized. Nurses were able to study at their work time.

Control group:

The control group had continuing vocational education as usual, essentially fragmentary and irregular. Nurses in Comparison group did not get eLearning Course and they get as usual continuing vocational education.

Duration of intervention was three month after baseline measurement. Total duration of follow-up is 9 months.

## **Intervention Type**

Other

## **Phase**

Not Applicable

## **Primary outcome measure**

Nurses' knowledge related to patients rights and seclusion and restraint practices, measured at baseline (BL), 3 and 9 months.

## **Secondary outcome measures**

1. Nurses' attitudes related to seclusion and restraint practices (Attitudes Scale), measured at BL, 3 and 6 months
2. Nurses' attitudes related to mental illness (CAMI 2007), measured at BL, 3 and 6 months.
3. Nurses' general efficacy (General Self-Efficacy Scale) and job satisfaction (Job Diagnostic Survey, job satisfaction), measured at BL, 3 and 6 months
4. Seclusion and restraint incidents and length (Hospital Data Base) on the ward, measured at BL,

3, 6 and 12 months

5. Costs of the continuing vocational education (eLearning course and traditional method /education sessions; time, travel and deputy staff costs)

**Overall study start date**

01/12/2007

**Completion date**

31/12/2011

## **Eligibility**

**Key inclusion criteria**

Ward eligibility criteria:

1. Closed acute psychiatric inpatient wards
2. Practicing seclusion and restraint
3. Not involved in on-going or planned seclusion/restraint research or development projects

Participant eligibility criteria:

1. On the wards registered nurse (permanent position psychiatric nurses/mental health nurses, long term substitute psychiatric nurses/mental health nurses, practical nurses, head nurses and deputy head nurses)
2. Aged over 18 years, either sex
3. Fluent understanding of Finnish language

**Participant type(s)**

Patient

**Age group**

Adult

**Lower age limit**

18 Years

**Sex**

Both

**Target number of participants**

Wards: 12, Staff: 229

**Key exclusion criteria**

Unable to use the Finnish language

**Date of first enrolment**

01/12/2007

**Date of final enrolment**

31/12/2011

## **Locations**

**Countries of recruitment**

Finland

**Study participating centre**

Department of Nursing Science

Turku

Finland

20014

## Sponsor information

**Organisation**

European Commission (Belgium)

**Sponsor details**

Leonardo da Vinci Programme

Centre for International Mobility CIMO

P.O. Box 343

Helsinki

Finland

FIN-00530

**Sponsor type**

Government

**Website**

<http://kuokka.tietokoura.com/index-eng.html>

**ROR**

<https://ror.org/00k4n6c32>

## Funder(s)

**Funder type**

Government

**Funder Name**

European Commission (Belgium) - Funded project from the Leonardo da Vinci Programme (ref: FI-06-B-F-PP-160701)

**Funder Name**

Hospital District of Helsinki and Uusimaa (Finland)

**Funder Name**

The Pirkanmaa Hospital District (Finland)

## Results and Publications

**Publication and dissemination plan**

Not provided at time of registration

**Intention to publish date****Individual participant data (IPD) sharing plan****IPD sharing plan summary**

Not provided at time of registration

**Study outputs**

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>	results	01/07/2009		Yes	No
<a href="#">Results article</a>	results	01/01/2010		Yes	No
<a href="#">Results article</a>	results	01/04/2013		Yes	No