

Development and evaluation of an online intervention module on elder abuse and neglect among healthcare professionals in the emergency department

Submission date 13/02/2023	Recruitment status No longer recruiting	<input checked="" type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 21/02/2023	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
Last Edited 20/02/2023	Condition category Other	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

Plain English summary of protocol

Background and study aims

An elder's visit to the emergency department offers an opportunity for healthcare professionals to detect victims of elder abuse and neglect and subsequently initiate an intervention. An elder who is vulnerable and isolated might only leave the house during this situation. The emergency department is frequently the first encounter with healthcare professionals. Considering this, the healthcare professional is in a remarkable position to recognize and address elder abuse and neglected cases. Unfortunately, the detection of elder abuse and neglect in the emergency department is lower than the prevalence estimates. Given the complexities involved in comprehending and reporting abuse, education and training of healthcare professionals is necessary if abuse is to be identified and reported properly. This study aims to develop and evaluate an online elder abuse and neglect module to improve knowledge, attitude and confidence to intervene among emergency department healthcare providers in two different states in Malaysia.

Who can participate?

Emergency department healthcare professionals working under the Ministry of Health including nurses, emergency physicians, medical officers, house officers, and medical assistants, have working experience of at least six months, aged between 18- and 60-years and have not attended any educational program on elder abuse and neglect in the past 12 months.

What does the study involve?

This study will be conducted in two phases. Phase 1 is the development of an online elder abuse and neglect module. This module will be prepared by integrating information from three key sources including: 1) in-depth literature reviews, 2) interviews with a panel of experts, and 3) adaptation and modification of, an existing module that was designed for primary care doctors in Malaysia. Phase 2 will evaluate the effectiveness of the module on knowledge, attitude and

confidence to intervene elder abuse and neglect cases among healthcare professionals in emergency department. In the second phase, two emergency departments (in two tertiary hospitals) will be selected for the evaluation of the module using a quasi-experimental design.

What are the possible benefits and risks of participating?

The benefits of participating include improved knowledge and confidence in identifying, diagnosing and managing elder abuse and neglect by healthcare professionals in the emergency department. Participation carries no potential risks.

Where is the study run from?

The study will run from two emergency departments in two tertiary hospitals in Malaysia.

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

January 2022 until December 2024

Who is funding the study?

Geran Penyelidikan Dana UiTM Cawangan Selangor (DUCS) 4.0 (Malaysia)

Who is the main contact?

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Contact information

Type(s)

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Additional identifiers

Clinical Trials Information System (CTIS)

Nil known

ClinicalTrials.gov (NCT)

Nil known

Protocol serial number

Nil known

Study information

Scientific Title

Elder Abuse and Neglect Online Training for healthcare professionals in the emergency department

Acronym

EANOT

Study objectives

Online elder abuse and neglect module is effective in improving the knowledge, attitude and confidence to intervene the elder abuse and neglect cases among healthcare professionals in emergency department compared to control

Ethics approval required

Old ethics approval format

Ethics approval(s)

Approved 18/07/2022, UiTM Research Ethics Committee (Faculty of Medicine, UiTM Sungai Buloh Campus, Jalan Hospital, 47000 Sungai Buloh, Selangor, Malaysia; +603-55448069; recsecretariat@uitm.edu.my), ref: REC/07/2022 (PG/MR/158)

Study design

Multicenter interventional quasi-experimental trial

Primary study design

Interventional

Study type(s)

Quality of life

Health condition(s) or problem(s) studied

Elder Abuse, neglect, education, healthcare professionals

Interventions

Two emergency departments (in two tertiary hospitals) will be selected for the evaluation of the module:

1. Control group: will receive a link to a website that contains general elder care.
 2. Intervention group: will receive a link to a website that contains general elder care and online EAN module in Malay language that is need to be completed in one-month
- Follow up: 6 months

Intervention Type

Behavioural

Primary outcome(s)

Knowledge, Attitude and confidence to intervene using Elder Abuse Questionnaire (ELSE-Q), a validated Malay language questionnaire, at baseline, immediately post intervention, at 3-months and 6-months follow-up

Key secondary outcome(s)

Number of elder abuse and neglect cases intervened and managed during the 6-months follow-up duration. The respondents will be asked how many elder abuse and neglect cases they have intervened and managed for the past 6 months since they completed the module given. The questions will be asked using the online method via the same module website.

Completion date

31/12/2024

Eligibility**Key inclusion criteria**

1. Emergency department healthcare professionals working under the Ministry of Health that include nurses, emergency physicians, medical officers, house officers, and medical assistants.
2. Having working experience of at least six months
3. Aged between 18 and 60 years

Participant type(s)

Health professional

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 years

Upper age limit

60 years

Sex

All

Key exclusion criteria

1. Have attended any educational program on elder abuse and neglect in the past 12 months.
2. Attachment healthcare professionals (post basic nurses, healthcare professionals in post graduate training) with a duration of employment/attachment of less than 6 months in the respective hospital at the recruitment time.

Date of first enrolment

01/03/2023

Date of final enrolment

31/12/2023

Locations

Countries of recruitment

Malaysia

Study participating centre

Hospital UiTM Sungai Buloh

Jalan Hospital

Sungai Buloh

Malaysia

47000

Sponsor information

Organisation

Universiti Teknologi MARA

ROR

<https://ror.org/05n8tts92>

Funder(s)

Funder type

University/education

Funder Name

Geran Penyelidikan Dana UiTM Cawangan Selangor (DUCS) 4.0

Results and Publications

Individual participant data (IPD) sharing plan

The datasets generated during and/or analysed during the current study are/will be available upon request from raudah2235@uitm.edu.my

IPD sharing plan summary

Available on request

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes