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Validation of the Korean Confusion Assessment Method for the Intensive Care Unit (CAM-ICU)

Submission date
14/10/2009

Recruitment status
No longer recruiting

Registration date
26/10/2009

Overall study status
Completed

Last Edited
29/12/2020

Condition category
Other

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

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Study information

Scientific Title
Translation and validation of the Korean version of the Confusion Assessment Method for the Intensive Care Unit: a prospective observational cohort study

Study objectives

The Confusion Assessment Method for the Intensive Care Unit (CAM-ICU), which originated in the United States of America could be used in a Korean ICU setting.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Seoul National University Hospital Institutional Review Board approved on the 10th June 2008 (ref: 0803-058-239)

Primary study design
Observational

Study design
Prospective observational cohort study

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Critical condition requiring entry to ICU

Interventions
Two nurses independently assessed delirium in ICU patients and the results were compared with the reference evaluation, which was carried out by a psychiatrist using the Diagnostic and Statistical Manual of Mental Disorders, 4th Edition (DSM-IV).

Assessment of delirium was performed three times a week and continued until the enrolled patients left the medical ICU. All the assessments were done between three and seven o'clock in the afternoon to avoid any bias from changes in patients' condition.

Intervention Type
Other

Phase
Not Applicable

Primary outcome(s)
Measured after collection of all data:
1. Sensitivity
2. Specificity
3. Interrater reliability of the Korean CAM-ICU

Key secondary outcome(s)
The ratio of delirium development, measured after collection of all data

Completion date
31/03/2009

Eligibility

Key inclusion criteria
1. Aged over 18 years, either sex
2. Admitted to medical ICU at Seoul National University Hospital for longer than 24 hours

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Lower age limit
18 Years

Sex
All

Total final enrolment
22

Key exclusion criteria
Comatose or moribund state throughout the study period

Date of first enrolment
01/07/2008

Date of final enrolment
31/03/2009

Locations

Countries of recruitment
Korea, South

Study participating centre
Department of Internal Medicine
Seoul
Korea, South
110-744

Sponsor information

Organisation
Seoul National University Hospital (South Korea)

ROR
https://ror.org/01z4nnt86

Funder(s)

Funder type
Hospital/treatment centre

Funder Name
Seoul National University Hospital (South Korea)

Alternative Name(s)
SNUH

Funding Body Type
Government organisation

Funding Body Subtype
Local government

Location
Korea, South

Results and Publications

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?
Results article	results	23/05/2011	29/12/2020	Yes	No