

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

<b>Submission date</b> 14/10/2009	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 26/10/2009	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 29/12/2020	<b>Condition category</b> Other	<input type="checkbox"/> 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

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**  
N/A

# 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)

## Study design

Prospective observational cohort study

## Primary study design

Observational

## Secondary study design

Cohort study

## Study setting(s)

Hospital

## Study type(s)

Treatment

## Participant information sheet

Not available in web format, please use the contact details below to request a patient information sheet

## 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 measure**

Measured after collection of all data:

1. Sensitivity
2. Specificity
3. Interrater reliability of the Korean CAM-ICU

**Secondary outcome measures**

The ratio of delirium development, measured after collection of all data

**Overall study start date**

01/07/2008

**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

**Age group**

Adult

**Lower age limit**

18 Years

**Sex**

Both

**Target number of participants**

63

**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)

### Sponsor details

101 Daehang-no

Jongno-gu

Seoul

Korea, South

110-744

### Sponsor type

Hospital/treatment centre

### Website

[http://medicine0.snu.ac.kr/eng/se11\\_ho/se11\\_ho\\_a/se11\\_ho\\_a.jsp](http://medicine0.snu.ac.kr/eng/se11_ho/se11_ho_a/se11_ho_a.jsp)

### 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

**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	23/05/2011	29/12/2020	Yes	No