

Average APACHE II score of MICU Patients

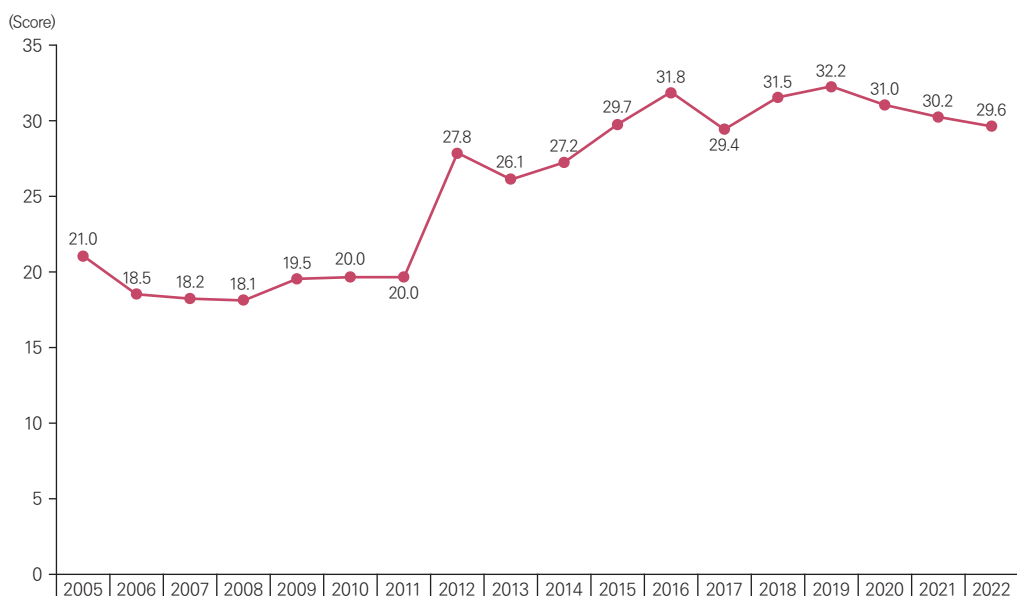
The average APACHE II score of the patients within 24 hours of admission to MICU at SNUBH

Definitions

- ◆ **MICU:** Medical intensive care unit, especially for treatments based on internal medicine.
- ◆ **APACHE II score:** An indicator of mortality based on the assessment of severity of the patients admitted to MICU. The higher the score, the higher the severity and the predicted mortality.

Result

January 1, 2005 – December 31, 2022



Interpretation

- ◆ The APACHE II score is a monitoring indicator used to determine the severity of patients admitted to the MICU from within or outside the hospital. It is interpreted in conjunction with the mortality rate indicator to assess the quality of medical care. The increase in average APACHE II score of MICU patients indicates the increased admission of patients of high severity.

Data source SNUBH EMR (Electronic Medical Record), CDW (Clinical Data Warehouse)

Readmission Rate, MICU

The proportion of patients readmitted to MICU at SNUBH within 48 hours of discharge



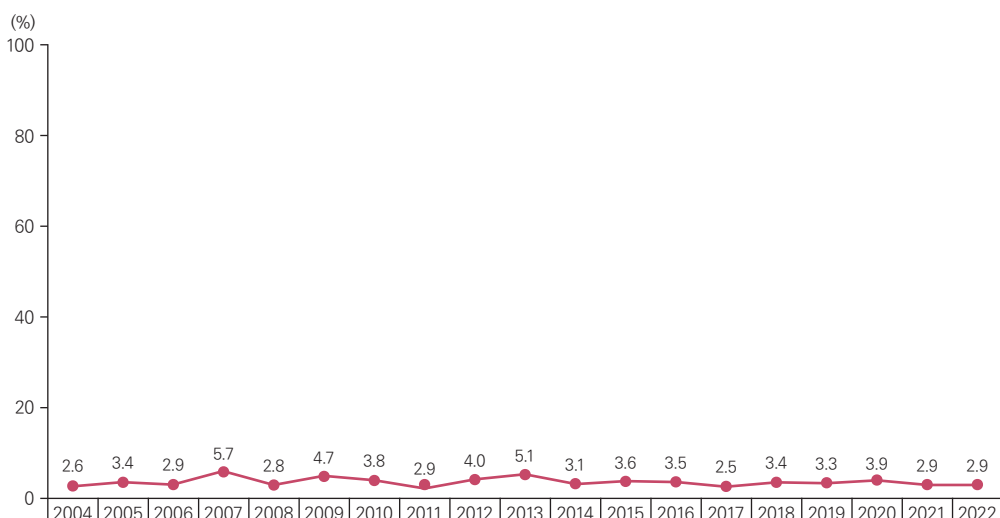
Definitions

- ◆ **MICU:** Medical intensive care unit, especially for treatments based on internal medicine.
- ◆ **MICU readmission rate:** The proportion of patients readmitted to MICU within 48 hours among the patients transferred to a general ward after discharge from MICU.



Result

January 1, 2004 – December 31, 2022



Interpretation

- ◆ The readmission rate indicates the proportion of patients who were likely to have been prematurely discharged from MICU despite inappropriate conditions.
- ◆ The consistently low MICU readmission rate indicates that most of the patients are being discharged from MICU after careful evaluation of appropriateness.



Improvement

- ◆ Communication between the specialist and the attendant regarding the plan for discharge to prevent premature discharge.
- ◆ Thorough handover of patient care between health care providers of ICU and general ward.

Data source SNUBH EMR (Electronic Medical Record), CDW (Clinical Data Warehouse)