

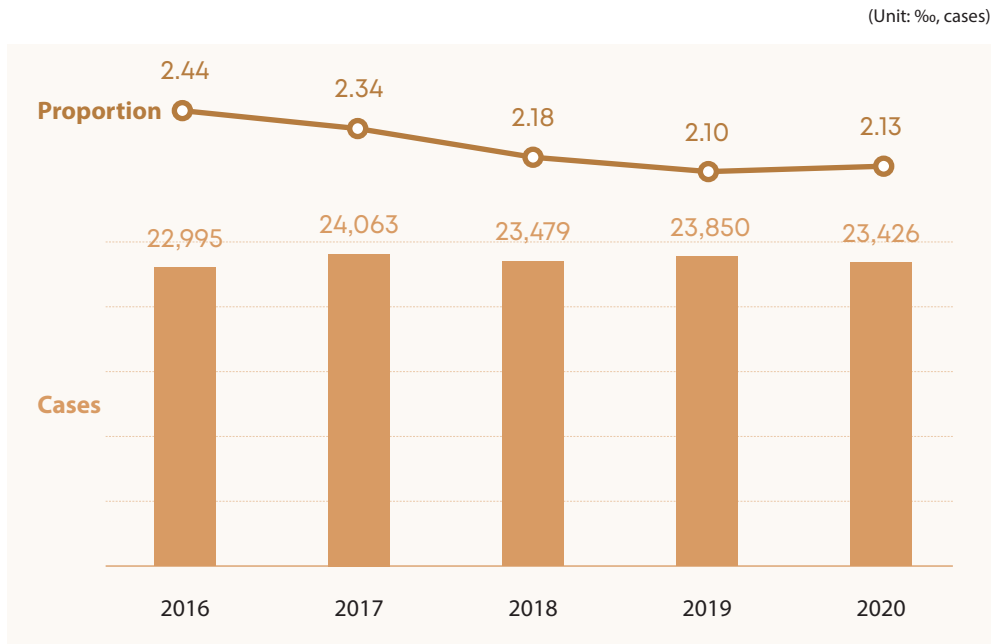
# Pharmaceutical Index

# 1

## Number and proportion of pharmaceutical interventions

**Index definition** Number and proportion of pharmaceutical interventions made by pharmacist for appropriate use of medications and adequate prescription

**Description** SNUH monitors the number and proportion of interventions aiming at a more effective and safer use of medications, to improve the quality of medical care by practicing appropriate pharmaceutical care for the patient based on the clinical evidence and approved drug labels.



**Calculation**

**Numerator** Number of pharmaceutical interventions x 1,000

**Denominator** Number of prescriptions for those subject to pharmaceutical intervention (number of items)

## 2

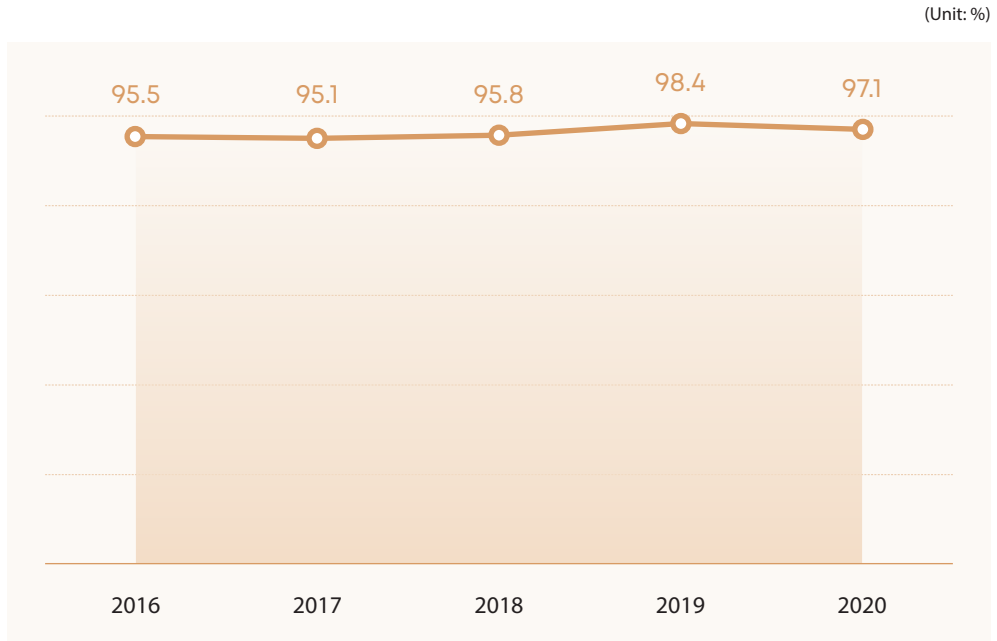
# Proportion of clinical pharmacokinetics consultation service for vancomycin

**Index definition** Proportion of clinical pharmacokinetics consultation service for patients receiving long-term vancomycin treatment

※ Clinical pharmacokinetics consultation service: Consultation of a pharmaceutical plan including individualized dosage to minimize adverse drug reaction and maximize efficacy based on clinical response, plasma drug concentration of patients who received medication with narrow therapeutic range of plasma concentration, pharmacokinetics analysis and clinical evidence.

**Description** SNUH performs safe and effective treatment with the clinical pharmacokinetics consultation service for vancomycin, a drug with narrow therapeutic range of plasma concentration.

※ The National Health Insurance Service of Korea started insurance coverage for this service on July 1, 2019.



**Calculation**

**Numerator** Among IV administration of vancomycin for over 7 days (cases), clinical pharmacokinetics consultation service conducted within 7 days of starting vancomycin (cases) x 100

**Denominator** Number of IV administration of vancomycin for over 7 days (cases)

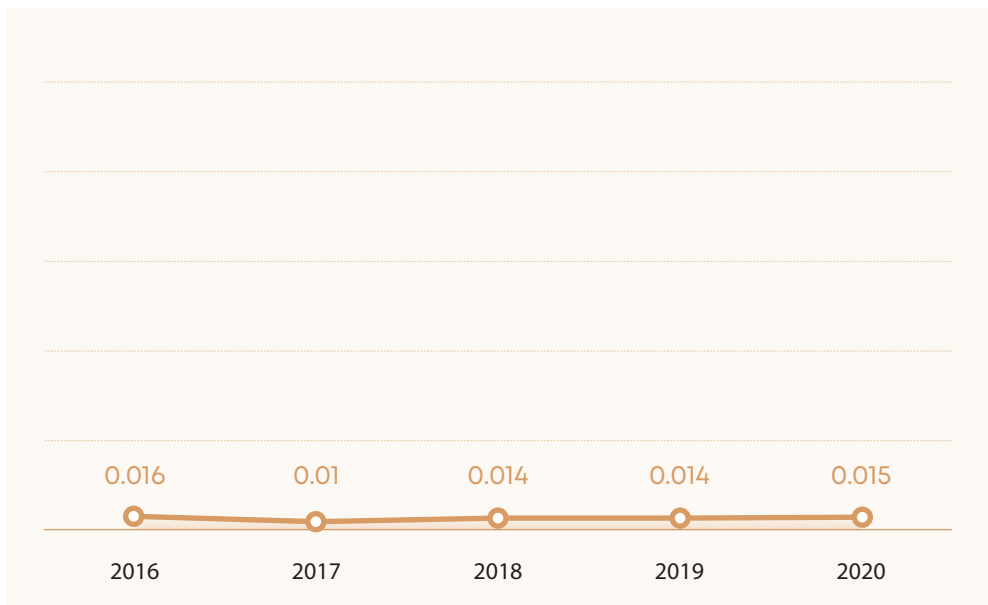
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## Crude incidence rate of severe adverse reaction after contrast agent administration

**Index definition** Crude incidence rate of severe adverse reaction after contrast agent administration for a radiology exam

**Description** SNUH monitors the incidence rate and the number of severe adverse reactions of CT/MRI contrast agents for the safety management of contrast agents. The incidence rate of severe adverse reaction after contrast agent administration for radiology exam is maintained at a very low level of 0.015%.

(Unit: %)



**Calculation**

**Numerator** Number of severe adverse reactions after contrast agent administration based on the SNUH Radiology's severity classification

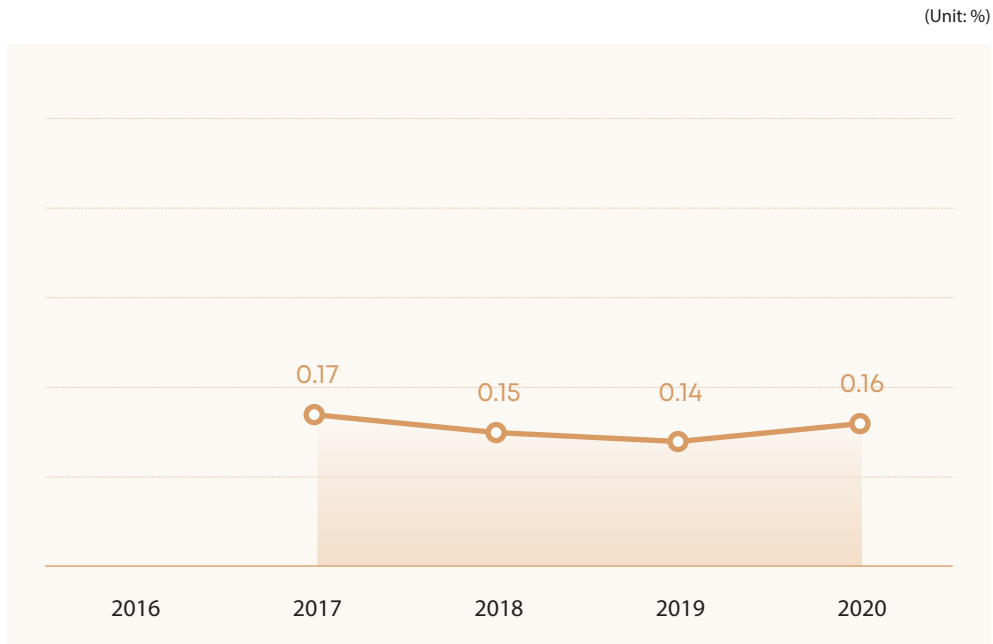
**Denominator** Exam conducted after contrast agent administration among exams (CT, MRI) performed by the SNUH Radiology

# 4

## Crude incidence rate of contrast media extravasation

**Index definition** Crude incidence rate of patients with contrast media extravasation (CMEV) compared to contrast-enhanced CT/MRI

**Description** The crude incidence rate of extravasation that may occur during the injection process of contrast media used during CT/MRI exam performed by the Radiology.



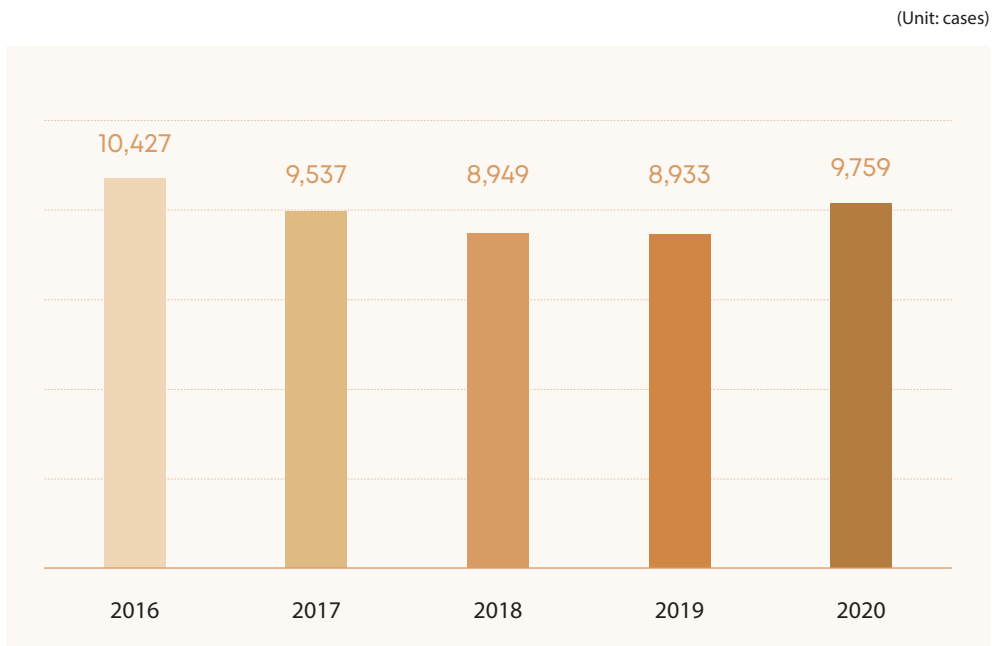
**Calculation** **Numerator** Crude incidence rate of CMEV  
**Denominator** Contrast-enhanced CT/MRI performed by the SNUH Radiology

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## Annual number of consultations for therapeutic drug monitoring

**Index definition** Annual number of consultations for therapeutic drug monitoring

**Description** SNUH performs about 8,000 to 10,000 cases of therapeutic drug monitoring in a year.



**Calculation**

**Numerator**

Number of therapeutic drug monitoring cases conducted for the year by referrals