

Number of Carotid Artery Stenting, Endovascular Neurosurgery Center

The number of patients who received carotid artery stenting



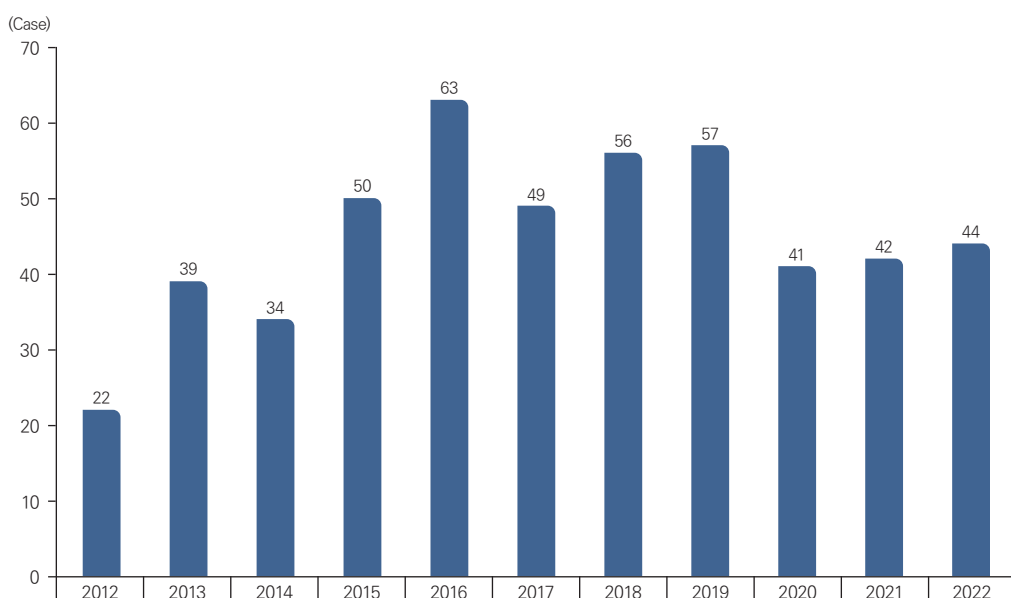
Definitions

- ♦ **Carotid artery stenosis:** Narrowed cervical carotid artery.
- ♦ **Carotid artery stenting:** Stenting treatment for carotid artery stenosis.



Result

January 1, 2012 – December 31, 2022



Interpretation

- ♦ The number of carotid artery stenting is approximately 40 cases annually.

Data source SNUBH EMR (Electronic Medical Record)

* Some of the results in 5th Edition have been changed due to data errors.

Incidence of Complications after Carotid Artery Stenting, Endovascular Neurosurgery Center

The proportion of patients who showed postoperative complication of carotid artery stenting in the Department of Neurosurgery



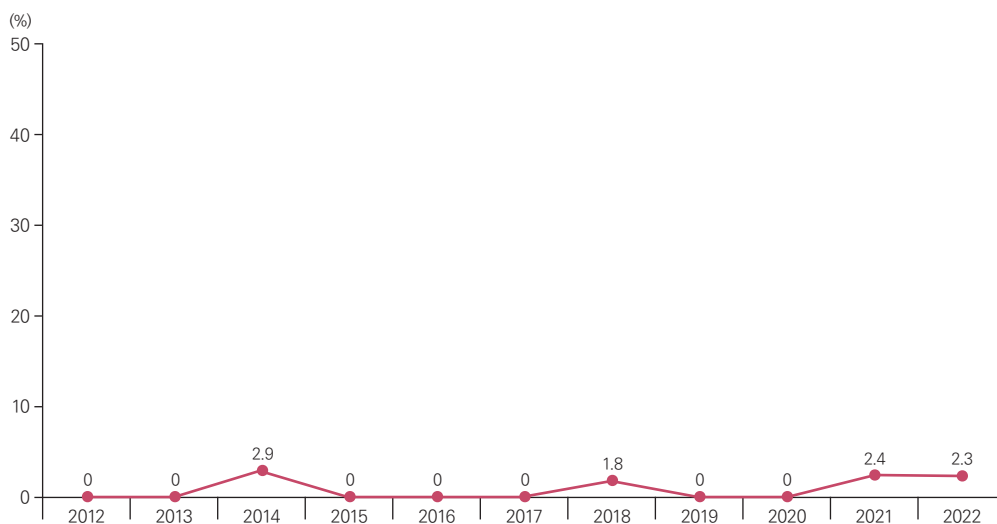
Definitions

- ◆ **Carotid artery stenosis:** Narrowed cervical carotid artery.
- ◆ **Carotid artery stenting:** Stenting treatment for carotid artery stenosis.
- ◆ **Complications:** Secondary disease or condition occurred within 30 days of carotid artery stenting in relation to the procedures such as cerebral infarction, cerebral hemorrhage, and femoral site infection.



Result

January 1, 2012 – December 31, 2022



Interpretation

- ◆ The complication rate after carotid artery stenting is within approximately 2%.



Improvement

- ◆ Quarterly intra-team conferences are conducted to minimize complications.

Data source SNUBH EMR (Electronic Medical Record)