

Number of Remote Access Surgery, and Robotic Surgery

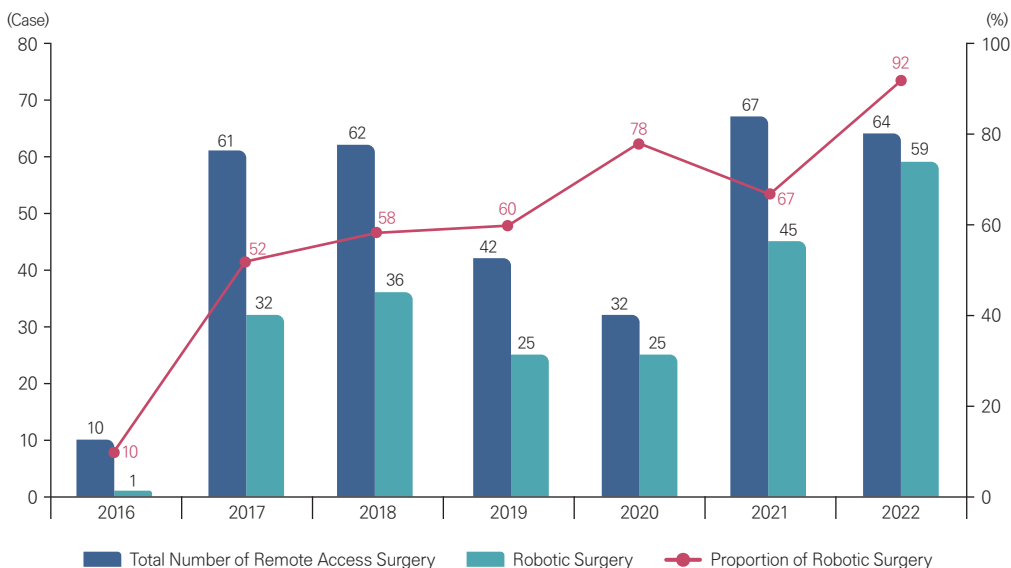
The number of surgeries for each head & neck surgery mentioned above

Definitions

- ◆ **Head & Neck remote access surgery:** All surgical procedures where a visible incision on the neck is avoided, including transoral robotic surgery, endoscopic/robotic thyroidectomy, and endoscopic resection of tumor in the salivary gland and neck.
- ◆ **Head & Neck robotic surgery:** A type of remote access surgery using the da-Vinci surgical system, where the surgeon remotely controls a patient-mounted robot for the resection of the tumor in the oropharynx, hypopharynx, larynx, and thyroid gland.

Result

January 1, 2016 – December 31, 2022



Interpretation

- ◆ The postauricular approach can be used to easily access not only the thyroid gland but also salivary gland tumors and various tumors occurring in the neck (head and neck), therefore, the demand for it is increasing.

Improvement

- ◆ For patients who previously underwent surgery through a neck incision, robotic surgery that allows precise resection while leaving no visible incision scars in the neck area is being performed, reducing morbidity and shortening the recovery period.

Data source SNUBH EMR (Electronic Medical Record)