

Pathology Report: AUTOSEG012^HN

Patient Name: AUTOSEG012^HN

Date of Birth: 01/12/1970

Medical Record Number: MRN10000004

Date of Surgery: 03/18/2025

Date of Report: 03/23/2025

Clinical History

Female patient with a parotid mass identified on physical examination and imaging.

Specimen

Superficial parotidectomy specimen.

Gross Description

The specimen measures 4.0 x 3.0 x 2.0 cm. A well-circumscribed, tan lesion measuring 1.2 cm is identified within the parotid gland. The lesion is submitted in its entirety.

Microscopic Description

Sections show a neoplasm composed of small, uniform cells with granular cytoplasm arranged in solid and microcystic patterns. Focal perineural invasion is noted. The features are diagnostic of a low-grade acinic cell carcinoma.

Immunohistochemistry

- S100: Positive (focal)
- DOG1: Negative
- Ki-67: 10%

Diagnosis

Superficial parotidectomy:

- Low-grade acinic cell carcinoma
- Tumor size: 1.2 cm
- Resection margins: Negative

Comments

The tumor is completely excised with clear margins. Recommend close clinical follow-up for early detection of recurrence.

Pathologist: Dr. Linda Carter, MD

Electronic Signature: Linda Carter, MD

Date Signed: 03/23/2025