

#### Specimen(s) Received

1. Oral-Cavity: portion maxilla
2. Oral-Cavity: deep mucosal margin
3. Oral-Cavity: posterior margin
4. Oral-Cavity: medial margin

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#### Diagnosis

1. Right maxillectomy.
  - Squamous cell carcinoma, moderately differentiated.
    - a. Maximum tumour dimension: 2.2 cm.
    - b. Maximum tumour thickness: 0.8 cm.
    - c. The margins are negative for tumour (> 0.5 cm).
    - d. No lymphovascular invasion or perineural invasion is identified.
    - e. Bone sections are pending; an addendum will be issued.
  - 2. Deep mucosal margin biopsy.
    - Negative for malignancy.
  - 3. Posterior margin biopsy.
    - Negative for malignancy.
  - 4. Medial margin biopsy.
    - Negative for malignancy.

#### Synoptic Data

Specimen Type:	Resection:Right maxillectomy
Tumor Site:	Oral Cavity
Histologic Type:	Squamous cell carcinoma, conventional
Tumor Size:	Greatest dimension: 2.2 cm
	Tumor thickness: 0.8 cm
Histologic Grade:	G2: Moderately differentiated
Venous/Lymphatic (Large/Small Vessel) Invasion (V/L):	Absent
Perineural Invasion:	Absent
Additional Pathologic Findings:	None identified
Margins:	Margins uninvolved by tumor

**Surgical Pathology Consultation Report**

Pathologic Staging (pTNM):

pTX: Primary tumor of lip or oral cavity cannot be assessed

pNX: Regional lymph nodes cannot be assessed for aerodigestive sites

pMX: Distant metastasis cannot be assessed

**Comment**

The T stage is deferred in the synoptic report as the bone is still pending decalcification.

**Gross Description**

1. The specimen is labeled with the patient's name and as Oral Cavity: Portion maxilla. It consists of a portion of right maxilla measuring 5.0 AP x 2.0 SI x 3.1 ML cm. It includes a portion of gingiva and roof of mouth/palate with four teeth. There is a tumor arising in the roof of mouth extending into the alveolar ridge going into the gingiva. The tumor measures 2.2 AP x 0.8 SI x 2.1 ML cm. The tumor is solid in consistency and tan-brown in color. There is gross involvement of bone by the tumour. The tumor is located at 0.5 cm from the closest superior gingival margin. Remaining margins are as follows: Anterior gingival margin 2.3 cm; posterior gingival margin-1.1 cm; posterior palate margin-0.8 cm; medial palate margin 0.7 cm. Representative sections are submitted.

1A- superior gingival margin

1B- anterior gingival margin

1C- posterior gingival margin

1D- posterior palate margin

1E- medial palate margin

1F-1G- tumor

1H- normal gingiva and palate

1I- anterior maxilla margin

1J- posterior maxilla margin

1K-1L- superior maxillary margin

1M- medial maxillary margin.

1N-1O- mid maxilla with tumor.

Three pieces of tumor/one piece normal were taken for tissue bank.

2. The specimen container is labeled with the patient's name and as "Oral Cavity: Deep mucosal margin". It consists of a fragment of tissue measuring 1.4 x 0.5 x 0.3 cm.

2A- specimen in toto.

3. The specimen container is labeled with the patient's name and as "Oral Cavity: Posterior margin". It consists of a fragment of tissue measuring 0.9 x 0.3 x 0.2 cm.

3A- specimen in toto.

4. The specimen container is labeled with the patient's name and as "Oral Cavity: Medial margin". It consists of a fragment of tissue measuring 0.6 x 0.3 x 0.2 cm.

4A- specimen in toto.

**Addendum**

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**Addendum Comment**

**1. Maxilla (bone sections)**

- The tumour is present directly adjacent to bone but without invasion.
- The maxillary bone margins are negative for tumour.
- Tumour is present in the soft tissue adjacent to the superior bone margin.
- The tumour is staged as pT2 – tumour more than 2 cm but not more than 4 cm in greatest dimension.