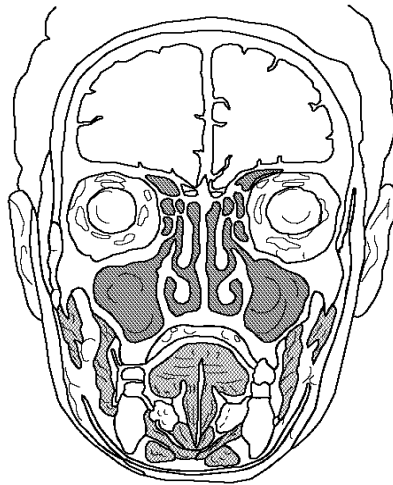


CALIFORNIA  
TUMOR TISSUE REGISTRY

## **“HEAD AND NECK PATHOLOGY”**

**Study Cases, Subscription B**

**October 2000**



**California Tumor Tissue Registry**  
**c/o: Department of Pathology and Human Anatomy**  
**Loma Linda University School of Medicine**  
**11021 Campus Avenue, AH 335**  
**Loma Linda, California 92350**  
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**Target audience:**

Practicing pathologists and pathology residents.

**Goal:**

To acquaint the participant with the histologic features of a variety of benign and malignant neoplasms and tumor-like conditions.

**Objectives:**

The participant will be able to recognize morphologic features of a variety of benign and malignant neoplasms and tumor-like conditions and relate those processes to pertinent references in the medical literature.

**Educational methods and media:**

Review of representative glass slides with associated histories.  
Feedback on consensus diagnoses from participating pathologists.  
Listing of selected references from the medical literature.

**Principal faculty:**

Weldon K. Bullock, MD  
Donald R. Chase, MD

**CME Credit:**

Loma Linda University School of Medicine designates this continuing medical education activity for up to 2 hours of Category I of the Physician's Recognition Award of the American Medical Association.  
CME credit is offered for the subscription year only.

**Accreditation:**

Loma Linda University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

**Contributor: K. Greg Peterson, M.D.**  
**Sioux Falls, SD**

**Case No. 1 - October 2000**

**Tissue from: Left parotid gland**

**Accession #28694**

**Clinical Abstract:**

This 71-year-old man presented with a left parotid mass.

**Gross Pathology:**

The 5.0 x 3.5 x 3.2 cm ovoid, well-circumscribed mass had a variegated tan-red to yellow cut surface with focal gelatinous material.

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**Contributor: K. Greg Peterson, M.D.**  
**Sioux Falls, SD**

**Case No. 2 - October 2000**

**Tissue from: Left parotid gland**

**Accession #28808**

**Clinical Abstract:**

After a 14 year history, this 46-year-old man presented for removal of a left parotid mass.

**Gross Pathology:**

The 5.7 x 5.2 x 4.0 cm oval, firm, nodular mass had a thin capsule and a glistening gray-white cut surface.

**Contributor: LLUMC Pathology Group (np)**  
**Loma Linda, CA**

**Case No. 3 - October 2000**

**Tissue from: Left parotid gland**

**Accession #28875**

**Clinical Abstract:**

During work-up for dyspnea and a sleep disorder, this 64 year old male was found to have a 3 cm mobile mass in the left mastoid region.

**Gross Pathology:**

The firm, brown-tan mass weighed 3.2 grams and measured 2.3 x 2.0 x 1.3 cm.

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**Contributor: Robert Berggren, M.D.**  
**Orange, CA**

**Case No. 4 - October 2000**

**Tissue from: Right parotid gland**

**Accession #27073**

**Clinical Abstract:**

A gradually enlarging lump developed anterior to the right ear of this 74-year-old Caucasian female.

**Gross Pathology:**

The 15 gram yellow-tan mass was 5.2 x 4.3 x 2.1 cm. The cut surface was nodular with focal hemorrhage.

**Contributor: David Klimstra, M.D.**  
**New York, NY**

**Case No. 5 - October 2000**

**Tissue from: Parotid**

**Accession #27115**

**Clinical Abstract:**

Not available.

**Gross Pathology:**

Not available.

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**Contributor: Josef Kollin, M.D.**  
**Lakewood, CA**

**Case No. 6 - October 2000**

**Tissue from: Left carotid body**

**Accession #28903**

**Clinical Abstract:**

This 71-year-old female noted a swelling in her left side neck.

**Gross Pathology:**

The 20 gram oval mass was 4.0 x 3.0 x 2.7 cm and had a tan-red lobular, meaty cut surface, without areas of hemorrhage or necrosis.

**Contributor: Pamela Boswell, M.D.**  
**San Diego, CA**

**Case No. 7 - October 2000**

**Tissue from: Buccal mucosa**

**Accession #28887**

**Clinical Abstract:**

This 21-year-old male presented with a rapid growing left buccal vestibule mass.

**Gross Pathology:**

A 9.5 x 7.0 x 2.5 cm aggregate of irregular fleshy, mottled tan, brown, red and yellow tissue fragments included fragments up to 5.8 cm in greatest diameter.

**SPECIAL STUDIES (Outside Facility):**

Vimentin	positive
Desmin	focal strong positivity
Smooth Muscle Actin	focal strong positivity
CK (high/low MW)	negative
MyoD1	positive

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**Contributor: P. L. Morris, M.D.**  
**Santa Barbara, CA**

**Case No. 8 - October 2000**

**Tissue from: Right nostril**

**Accession #28787**

**Clinical Abstract:**

For several months this 97-year-old male Caucasian experienced chronic epistaxis and was found to have a mass in the right nostril.

**Gross Pathology:**

The polypoid soft hemorrhagic mass measured 3.0 x 1.2 x 1.0 cm.

**Contributor: Peter L. Morris, M.D.  
Santa Barbara, CA**

**Case No. 9 - October 2000**

**Tissue from: Right nostril**

**Accession #28604**

**Clinical Abstract:**

After one month of hoarseness, this 47-year-old Caucasian female was found to have masses involving the right laryngeal ventricle and bilateral nasal septal areas. A biopsy of the left nasal septum done 15 years earlier showed, in retrospect, similar features.

**Gross Pathology:**

Multiple pieces of tan spongy tissue formed an aggregate of 3.5 x 3.5 x 2.5 cm.

SPECIAL STUDIES (Outside Facility):

S100 strong cytoplasmic staining

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**Contributor: LLUMC Pathology Group (drc)  
Loma Linda, CA**

**Case No. 10 - October 2000**

**Tissue from: Maxilla/Palate**

**Accession #27236**

**Clinical Abstract:**

This 1-year-old female was found to have a mass on her maxilla and palate.

**Gross Pathology:**

The anterior maxilla specimen weighed 1 gram and measured 0.5 x 0.3 x 0.5 cm. The palate specimen weighed less than 1 gram and measured 0.8 x 0.3 x 0.3 cm. The three fragments from the palate and internal maxilla weighed less than 1 gram and measured 0.3 to 1.5 cm.

SPECIAL STUDIES:

S100 positive