

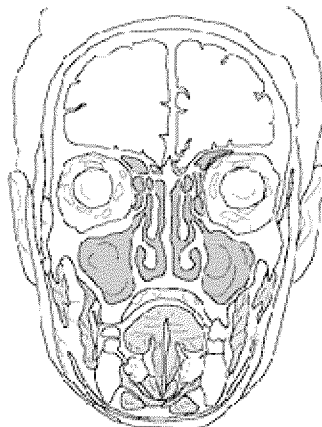


CALIFORNIA
TUMOR TISSUE REGISTRY

“HEAD & NECK PATHOLOGY”

Study Cases, Subscription B

September 2013



California Tumor Tissue Registry
c/o: Department of Pathology and Human Anatomy
Loma Linda University School of Medicine
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Loma Linda, California 92350
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Web page: www.cttr.org
Web site & Case of the Month: www.cttr.org

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:

Donald R. Chase, MD

CME Credit:

Loma Linda University School of Medicine designates this continuing medical education activity for a maximum of 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: E. G. Hoxie, M.D.
Glendale, CA**

Case No. 1 - September 2013 B

Tissue from: Neck

Accession #14047

Clinical Abstract:

For about one year, this 40 year-old man had noted a swelling in the midline of his neck. There was no pain. He presented when the mass produced dysphagia and some difficulty breathing when reclining.

Gross Pathology:

The ovoid, well circumscribed mass was 7 x 4 x 3.3 cm. The cut surface show light gray tissue with opaque light yellow zones.

Special Studies:

Positive: CD34

**Contributor: Farooq Ali, M.D.
Ventura, CA**

Case No. 2 - September 2013 B

Tissue from: Right maxillary sinus

Accession #28993

Clinical Abstract:

This 64 year-old man presented with epistaxis and difficulty breathing. A CT scan showed sinonasal polyps in the right maxillary sinus and bilateral ethmoid sinuses.

Gross Pathology:

Multiple fragments of red and pink tissue formed a 6 x 4 x 1.8 cm aggregate.

Contributor: Milton L. Bassis, M.D.
San Francisco, CA

Case No. 3 - September 2013 B

Tissue from: Right carotid bifurcation

Accession #17608

Clinical Abstract:

This 45 year-old man had a pulsatile mass at the bifurcation of his right carotid artery. His blood pressure was 160/104.

Gross Pathology:

Not available.

Contributor: Harlan F. Fulmer, M.D.
Fresno, CA

Case No. 4 - September 2013 B

Tissue from: Right neck

Accession #19361

Clinical Abstract:

This 47 year-old woman had a right submandibular mass that had been followed for two years.

Gross Pathology:

The sharply circumscribed soft tan mass was 2.5 x 1.5 x 1.5 cm. The cut surface had irregular small spaces.

Contributor: LLUMC Pathology Group (ec)
Loma Linda, CA

Case No. 5 - September 2013 B

Tissue from: Left vocal cord

Accession #31454

Clinical Abstract:

This 68 year-old man underwent a total laryngectomy for recurrent tumor.

Gross Pathology:

Arising from the anterior larynx was a 5.5 x 3. X 1.5 cm ulcerated firm tan mass. The tumor penetrated through the thyroid cartilage.

Contributor: E. R. Jennings, M.D.
Long Beach, CA

Case No. 6 - September 2013 B

Tissue from: Maxillary sinus

Accession #14086

Clinical Abstract:

Three years after plastic surgery on her hard palate, this 60 year-old woman noticed tenderness on chewing. Radiographs showed an osteolytic lesion involving the palate and maxillary sinus on the left side.

Gross Pathology:

The resected tumor was 3.5 x 2.5 x 2.5 cm and involved maxillary sinus, gingiva and a portion maxillary bone.

Contributor: LLUMC Pathology Group (rc)
Loma Linda, CA

Case No. 7 - September 2013 B

Tissue from: Upper lip

Accession #31531

Clinical Abstract:

This 63 year-old man had a three-month history of an enlarging non-painful lump on the right side of his upper lip. The clinical impression was that of a mucocele.

Gross Pathology:

The 1.3 gram, 1.8 x 1.2 x 1 cm specimen had a thin-walled cyst filled with blood clot.

Contributor: Philip Robinson, M.D.
Boynton Beach, FL

Case No. 8 - September 2013 B

Tissue from: Left neck

Accession #29544

Clinical Abstract:

This 60 year-old woman had a large mass in her left neck.

Gross Pathology:

The tumor was resected in multiple fragments, the largest of which was 9.5 cm in greatest diameter.

Special Studies:

Positive: Keratin, S100, mucin

Negative: GFAP, muscle specific actin, synaptophysin, thyroglobulin, chromogranin, desmin

**Contributor: Stanley T. Hino, M.D.
Hemet, CA**

Case No. 9 - September 2013 B

Tissue from: Left parotid gland

Accession # 26423

Clinical Abstract:

This 80 year-old man complained of swelling on the left side of his face. Five years earlier he had had a resection of the left pinna for a squamous cell carcinoma, along with a left neck lymph node dissection.

Gross Pathology:

The resection specimen was 4.5 x 2.5 x 2 cm.

Special Studies:

Positive: CD31 (weak), Factor VIII

Negative: S100

**Contributor: Donald Rankin, M.D.
Fontana, CA**

Case No. 10 - September 2013 B

Tissue from: Right neck

Accession #26604

Clinical Abstract:

This 30 year-old woman had swelling of her right upper neck.

Gross Pathology:

The 3.5 x 3 x 2 cm resection specimen included sublingual gland.