

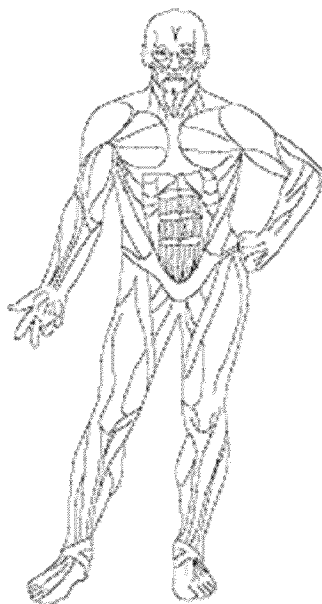


CALIFORNIA
TUMOR TISSUE REGISTRY

“GENERAL PATHOLOGY”

Study Cases, Subscription B

October 2009



California Tumor Tissue Registry
c/o: Department of Pathology and Human Anatomy
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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: Lester Thompson, M.D.
Woodland Hills, CA

Case No. 1 - October 2009 B

Tissue from: Submandibular gland

Accession #31096

Clinical Abstract:

A 62 year old woman presented with a mass in her submandibular gland region. The lesion made it difficult to swallow and she had decreased salivation. The mass was firm to palpation.

Gross Pathology:

The submandibulectomy specimen contained a 3.4 cm well demarcated pale tan to yellow lesion with small cysts.

Contributor: Pamela Boswell, D.O.
La Jolla, CA

Case No. 2 - October 2009 B

Tissue from: Right parotid gland

Accession #31043

Clinical Abstract:

This 42 year old woman was found to have a mass in her right parotid gland.

Gross Pathology:

The 11.7 gram, 4.5 x 2.5 x 2 cm specimen contained a 1.5 x 1.2 x 1.2 cm eccentrically located tan-brown, focally hemorrhagic solid nodule.

Contributor: Lester Thompson, M.D.
Woodland Hills, CA

Case No. 3 - October 2009 B

Tissue from: Salivary gland

Accession #31094

Clinical Abstract:

An 74 year old man presented with a salivary gland mass that had increased in size over the previous few months. There were some facial nerve compression symptoms. A CT demonstrated extension of the tumor into the base of the skull and orbit.

Gross Pathology:

Not available.

Special Studies:

Positive: keratin, desmin, NSE

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

Case No. 4 - October 2009 B

Tissue from: Upper lobe, right lung

Accession #30819

Clinical Abstract:

A 74 year old woman had a right-sided subpleural mass.

Gross Pathology:

The 147 gram lobectomy specimen was 16 x 11.5 x 5 cm. A 3.5 x 2.8 x 2 cm mass produced overlying pleural retraction.

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

Case No. 5 - October 2009 B

Tissue from: Lower lobe, left lung

Accession #30986

Clinical Abstract:

An 88 year old man had a mass in his left lower lobe.

Gross Pathology:

The 427 gram, 15 x 10 x 5 cm lobe of lung contained a 10 x 9.5 tan-white, firm unencapsulated mass. The tumor grossly invaded the bronchus and adjacent structures.

Contributor: Zesong Zhang, M.D.
Long Beach, CA

Case No. 6 - October 2009 B

Tissue from: Right frontal skull

Accession #30966

Clinical Abstract:

Because he felt that his right eye was lower than his left, this 18 year old man underwent evaluation. A CT scan showed a 7.6 cm extra-axial mass invading the right frontal bone and frontal and anterior ethmoid sinuses as well as the superomedial right orbit.

Gross Pathology:

The 70 gram fragmented specimen formed a 9 x 9 x 2 cm aggregate, with individual pieces up to 4.5 cm in greatest diameter.

Special Studies:

Positive: CD99

Negative: PGP 9.5, Synaptophysin, NSE

Ki-67: 5% +

Contributor: Evelyn Blazado, M.D.
National City, CA

Case No. 7 - October 2009 B

Tissue from: Thymus

Accession #31023

Clinical Abstract:

After three years of progressive weakness, this 32 year old woman was diagnosed with myasthenia gravis. A CT scan showed an enlarged thymus.

Gross Pathology:

The resected thymus was 11 x 10 x 1 cm.

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

Case No. 8 - October 2009 B

Tissue from: Right ovary

Accession #30985

Clinical Abstract:

This 49 year old woman was found to have a right ovarian mass.

Gross Pathology:

The 2950 gram, 20 x 17 x 16 cm multicystic mass replaced the right ovary. The cut surface showed serous and mucinous multiloculated cysts with solid areas up to 2.5 cm.

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

Case No. 9 - October 2009 B

Tissue from: Mediastinum

Accession #31067

Clinical Abstract:

This 11 year old boy was found to have an anterior mediastinal mass.

Gross Pathology:

The 193 gram, 15 x 9 x 4 cm composite resection of left upper lobe, pericardium and thymus included a 7 x 4.5 x 4 cm thick walled cyst containing granular brown debris and hair.

Contributor: Pamela Boswell, D.O.
La Jolla, CA

Case No. 10 - October 2009 B

Tissue from: Uterus

Accession #30994

Clinical Abstract:

This 89 year old woman had AGUS on routine pap smear and work-up revealed an enlarged uterus.

Gross Pathology:

The 49.5 gram uterus was 6.8 x 4.5 x 1.8 cm. Within the endometrial cavity was a 2 x 1.5 x 1 cm loosely attached gray-yellow friable mass.