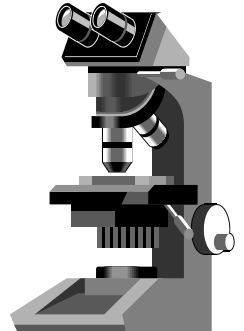


CALIFORNIA
TUMOR TISSUE REGISTRY

HEAD AND NECK PATHOLOGY

Minutes – Subscription B

February 2014



SUGGESTED READING (General Topics from Recent Literature):

- Diagnostic criteria for distinguishing endometrial adenocarcinoma from complex atypical endometrial hyperplasia. Mittal K, Salem A, Lo A. *Hum Pathol* 2014; 45:98-103.
- Grading of well-differentiated pancreatic neuroendocrine tumors is improved by the inclusion of both ki67 proliferative index and mitotic rate. McCall CM, Shi C, et al. *Am J Surg Pathol* 2013; 37:1671-1677.
- Dermal changes in superficial basal cell carcinoma. Melanoma in-situ and actinic keratosis and their implications. Kazlouskaya V, Malhotra S, et al. *J Cutan Pathol* 2013; 40:1014-1020.
- Minimally invasive autopsy employing post-mortem CT and targeted coronary angiography: Evaluation of its application to a routine coronial service. Roberts, ISD, Traill, ZC. *Histopath* 2014; 64:211-217.

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 site & Case of the Month: www.cttr.org

FILE DIAGNOSES

CTTR Subscription B

February 2014

Case 1:

Branchial cleft cyst, neck

Case 2:

Keratinizing invasive squamous carcinoma, tongue

Case 3:

Superficial MFH (pleomorphic carcinoma), forehead

Case 4:

Pleomorphic sarcoma (superficial MFH) with giant cells, scalp

Case 5:

Oncocytic lipoadenoma, parotid gland

Case 6:

Pleomorphic adenoma, parotid

Case 7:

Carcinoma ex-pleomorphic adenoma, submandibular gland

Case 8:

Diffuse large B-cell lymphoma, tonsil

Case 9:

Metastatic poorly differentiated adenocarcinoma c/w prostatic origin, neck

Case 10:

Myosarcoma, thyroid

Glendale - Branchial cleft cyst
Orange (UCI Medical Center) - Branchial cleft cyst
Connecticut (Danbury Hospital) - Branchial cleft cyst
Delaware (Armed Forces Medical Examiner System) - Lymphoepithelial cyst
Georgia, Atlanta - Lymphoepithelial cyst
Illinois, Oak Brook - Branchial cleft cyst
Illinois (Heartland Regional Medical Center) - Branchial cleft cyst
Illinois (Northwestern University) - Branchial cleft cyst
Kansas (Peterson Laboratory Services, P.A.) - Branchial cleft cyst
Michigan (University of Michigan) - Branchial cleft cyst
New York (SUNY Downstate Medical Center) - Lymphoepithelial cyst (branchial cleft cyst)
Ohio (The University of Toledo Medical Center) - Cervical lymphoepithelial cyst
Oregon (Oregon Health and Science University Residents) - Branchial cleft cyst
Pennsylvania (Drexel University College of Medicine) - Lymphoepithelial cyst
Puerto Rico (University of Puerto Rico) - Branchial cleft cyst
Tennessee, Knoxville - Branchial cleft cyst
Texas (Anderson Cancer Center) - Lymphoepithelial cyst
Wisconsin (Medical Assessment and Consultation, S.C.) - Branchial cleft cyst
Australia (St. Vincent's Hospital) - Lymphoepithelial cyst
Canada (Pasqua Hospital) - Branchial cleft cyst
Canada (Royal Alexandra Hospital) - Branchial cleft cyst
Ireland (Connelly Hospital) - Branchial cyst
Japan (Asahi General Hospital) - Branchial cleft cyst (1); Epidermal cyst (1)
Japan (University of Yamanashi) - Fibroma
Saudi Arabia (King Khalid University Hospital) - Lymphangioma (cystic hygroma)
United Kingdom (John Radcliffe Hospital) - Branchial cleft cyst

Case 1 - Diagnosis:

Branchial cleft cyst, neck

Case 1 - References:

Branchial cysts. A report of 4 cases.

Acta Dermatovenerol Alp Panonica Adriat 2006; Jun;15(2): p85-9.
Thomaidis V; Seretis K, et al.

Branchial cyst side predilection: fact or fiction?

Ann Otol Rhinol Laryngol 2007; Feb;116(2): p112-4.
Doshi J; Anari S.

Cystic neck lesions: clinical, radiological and differential diagnostic considerations.

Acta Otolaryngol 2010; Feb;130(2): p300-4.
Pietarinen-Runtti P; Apajalahti S, et al.

A case of bilateral intrathyroidal branchial cleft cyst in a newborn.

J Pediatr Surg 2010; Jan;45(1): pE1-4.
Chung EJ; Baek SK, et al.

Thymic cyst: a fourth branchial cleft anomaly.

Laryngoscope 2010; Jan;120(1): p100-2.
Nayan S; MacLean J; Sommer D.

Branchiogenic carcinoma of a first branchial cleft cyst.

Otolaryngol Head Neck Surg 2010; Jul;143(1): p167-8, 168.e1.
Roche JP; Younes MN, et al.

Glendale - Squamous cell carcinoma
Orange (UCI Medical Center) - Squamous cell carcinoma
Connecticut (Danbury Hospital) - Squamous cell carcinoma
Delaware (Armed Forces Medical Examiner System) - Invasive keratinizing squamous cell carcinoma
Georgia, Atlanta - Squamous cell carcinoma
Illinois, Oak Brook - Invasive squamous cell carcinoma
Illinois (Heartland Regional Medical Center) - Squamous cell carcinoma, well-differentiated
Illinois (Northwestern University) - Squamous cell carcinoma (keratinizing)
Kansas (Peterson Laboratory Services, P.A.) - Invasive keratinizing squamous cell carcinoma
Michigan (University of Michigan) - Invasive squamous cell carcinoma
New York (SUNY Downstate Medical Center) - Invasive squamous carcinoma
Ohio (The University of Toledo Medical Center) - Invasive squamous cell carcinoma (differential diagnosis mucoepidermoid carcinoma)
Oregon (Oregon Health and Science University Residents) - Invasive keratinizing squamous cell carcinoma
Pennsylvania (Drexel University College of Medicine) - Squamous cell carcinoma, well-differentiated
Puerto Rico (University of Puerto Rico) - Squamous cell carcinoma
Tennessee, Knoxville - Squamous cell carcinoma
Texas (Anderson Cancer Center) - Invasive keratinizing squamous carcinoma
Wisconsin (Medical Assessment and Consultation, S.C.) - Keratinizing squamous cell carcinoma
Australia (St. Vincent's Hospital) - Squamous cell carcinoma
Canada (Pasqua Hospital) - Squamous cell carcinoma
Canada (Royal Alexandra Hospital) - Keratinizing squamous cell carcinoma
Ireland (Connelly Hospital) - Well-differentiated squamous cell carcinoma
Japan (Asahi General Hospital) - Squamous cell carcinoma (2)
Japan (University of Yamanashi) - Squamous cell carcinoma
Saudi Arabia (King Khalid University Hospital) - Squamous cell carcinoma
United Kingdom (John Radcliffe Hospital) - Squamous cell carcinoma

Case 2 - Diagnosis:

Keratinizing invasive squamous carcinoma, tongue

Case 2 - References:

Correlation of clinical, histological, and cytokeratin profiles of squamous cell carcinoma of the oral tongue with prognosis.

Int J Surg Pathol 2007; Oct;15(4): p376-83.

Silveira EJ; Godoy GP, et al.

Tumour thickness predicts cervical nodal metastases and survival in early oral tongue cancer.

Oral Oncol 2003; Jun;39(4): p386-90.

O-charoenrat P; Pillai G, et al.

Anterior tongue cancer and the incidence of cervical lymph node metastases with increasing tumour thickness: should elective treatment to the neck be standard practice in all patients?

ANZ J Surg 2005; Mar;75(3): p101-5.

Veness MJ; Morgan GJ, et al.

Relationship between histologic thickness of tongue carcinoma and thickness estimated from preoperative MRI.

Eur Radiol 2006; Oct;16(10): p2242-8.

Preda L; Chiesa F, et al.

Differing phenotypes between intraepithelial and stromal lymphocytes in early-stage tongue cancer.

Cancer Res 2007; Dec 1;67(23): p11195-201.

Katou F; Ohtani H, et al.

Osteopontin as biomarker in early invasion by squamous cell carcinoma in tongue.
J Oral Pathol Med 2007; Jan;36(1): p30-4.
Matsuzaki H; Shima K, et al.

Case No. 3, Accession No. 28103

February 2014

Glendale - Atypical fibroxanthoma
Orange (UCI Medical Center) - Atypical fibroxanthoma
Connecticut (Danbury Hospital) - Atypical fibroxanthoma
Delaware (Armed Forces Medical Examiner System) - Malignant spindle cell neoplasm; favor spindle cell carcinoma
Georgia, Atlanta - Cranial fasciitis
Illinois, Oak Brook - Spindle fibroxanthoma
Illinois (Heartland Regional Medical Center) - Atypical fibroxanthoma
Illinois (Northwestern University) - Atypical fibrous xanthoma
Kansas (Peterson Laboratory Services, P.A.) - Cutaneous leiomyosarcoma
Michigan (University of Michigan) - Myxoinflammatory fibroblastic sarcoma
New York (SUNY Downstate Medical Center) - Proliferative fasciitis
Ohio (The University of Toledo Medical Center) - DFSP (dermatofibrosarcoma protuberans)
Oregon (Oregon Health and Science University Residents) - AFX (atypical fibroxanthoma)
Pennsylvania (Drexel University College of Medicine) - DFSP
Puerto Rico (University of Puerto Rico) - Sarcomatoid squamous cell carcinoma
Tennessee, Knoxville - Atypical fibroxanthoma
Texas (Anderson Cancer Center) - Atypical fibroxanthoma
Wisconsin (Medical Assessment and Consultation, S.C.) - Leiomyosarcoma
Australia (St. Vincent's Hospital) - Atypical fibroxanthoma
Canada (Pasqua Hospital) - Atypical fibroxanthoma
Canada (Royal Alexandra Hospital) - Atypical fibroxanthoma
Ireland (Connelly Hospital) - Atypical fibroxanthoma
Japan (Asahi General Hospital) - Proliferative fasciitis (1); Fibroma (1)
Japan (University of Yamanashi) - Nodular fasciitis
Saudi Arabia (King Khalid University Hospital) - Atypical fibroxanthoma
United Kingdom (John Radcliffe Hospital) - Pleomorphic sarcoma, NOS (MFH)

Case 3 - Diagnosis:

Superficial MFH (pleomorphic carcinoma), forehead

Director's note: "AFX" vs "superficial MFH" is determined by the size of the tumor (<2 cm for AFX) and depth (dermis-only for AFX). This tumor exceeded 2cm size, favoring superficial MFH. Morphologically, and probably biologically, they are identical. (drc)

Case 3 - References:

Atypical fibroxanthoma and malignant fibrous histiocytoma of the skin.
Anticancer Res 2003; Mar-Apr;23(2C): p1847-51.
Rizzardi C; Angiero F; Melato M.

CD99 immunoreactivity in atypical fibroxanthoma and pleomorphic malignant fibrous histiocytoma: a useful diagnostic marker.
J Cutan Pathol 2006; Sep;33 Suppl 2:24-8.
Hartel PH; Jackson J, et al.

Immunohistochemical staining of CD10 in atypical fibroxanthomas.
J Cutan Pathol 2007; May;34(5): p415-9.
Hultgren TL; Di Maio DJ.

Melanoma simulating atypical fibroxanthoma.
Am J Dermatopathol 2007; Dec;29(6): p551-4.
Sanguenza M; Zelger B.

Metastasizing atypical fibroxanthoma (cutaneous malignant histiocytoma): report of five cases.
Dermatol Surg 2005; Feb;31(2): p221-5; discussion 225.
Cooper JZ; Newman SR, et al.

Case No. 4, Accession No. 31564

February 2014

Glendale - Atypical fibroxanthoma
Orange (UCI Medical Center) - Pleomorphic sarcoma with osteoclastic giant cells
Connecticut (Danbury Hospital) - Malignant fibrohistiocytoma (pleomorphic undifferentiated sarcoma)
Delaware (Armed Forces Medical Examiner System) - Atypical fibroxanthoma
Georgia, Atlanta - Angiosarcoma
Illinois, Oak Brook - Atypical fibroxanthoma
Illinois (Heartland Regional Medical Center) - Spindle cell sarcoma with giant cells
Illinois (Northwestern University) - MFH with osteoclast giant cells
Kansas (Peterson Laboratory Services, P.A.) - Pleomorphic dermal sarcoma
Michigan (University of Michigan) - Giant cell tumor of soft tissue
New York (SUNY Downstate Medical Center) - Malignant fibrous histiocytoma, giant cell variant
Ohio (The University of Toledo Medical Center) - Giant cell tumor
Oregon (Oregon Health and Science University Residents) - Cutaneous sarcoma, differential includes pleomorphic dermal sarcoma, less likely angiosarcoma
Pennsylvania (Drexel University College of Medicine) - Giant cell tumor of soft tissue
Puerto Rico (University of Puerto Rico) - Atypical fibroxanthoma
Tennessee, Knoxville - Giant cell tumor
Texas (Anderson Cancer Center) - Osteosarcoma with giant cells vs. MFH
Wisconsin (Medical Assessment and Consultation, S.C.) - Angiosarcoma
Canada (Pasqua Hospital) - Atypical fibroxanthoma
Canada (Royal Alexandra Hospital) - Malignant fibrous histiocytoma, giant cell type
Ireland (Connelly Hospital) - Atypical fibroxanthoma
Japan (Asahi General Hospital) - Cranial fasciitis (1); Angiosarcoma (1)
Japan (University of Yamanashi) - Sarcoma
Saudi Arabia (King Khalid University Hospital) - Metastatic sarcomatoid renal cell
United Kingdom (John Radcliffe Hospital) - Atypical fibroxanthoma

Case 4 - Diagnosis:

Pleomorphic sarcoma (superficial MFH) with giant cells, scalp
Director's note: "Note the relatively large size (3.4 cm) helps exclude AFX. (drc)

Case 4 - References:

Cutaneous malignant fibrous histiocytoma of the scalp in a renal transplant recipient.
Br J Dermatol 2006; Jan;154(1): p183-5.
Stein A; Hackert I, et al.

Malignant fibrous histiocytoma: changing perceptions and management challenges.
J Am Acad Dermatol 2012; Dec;67(6): p1335-41
Henderson MT; Hollmig ST

Aberrant Melan-A expression in atypical fibroxanthoma and undifferentiated pleomorphic sarcoma of the skin.
J Cutan Pathol 2011; Dec;38(12): p954-60.
Thum C; Hollowood K, et al.

New or unusual dermatopathology tumors: a review.
J Cutan Pathol 2011; Sep;38(9): p689-96.
Lewin MR; Montgomery EA; Barrett TL.

Case No. 5, Accession No. 31603

February 2014

Glendale - Oncocytosis
Orange (UCI Medical Center) - Oncocytomatosis
Connecticut (Danbury Hospital) - Adenolipoma
Delaware (Armed Forces Medical Examiner System) - Oncocytoma
Georgia, Atlanta - Oncocytoma
Illinois, Oak Brook - Oncocytoma metaplasia
Illinois (Heartland Regional Medical Center) - Oncocytoma
Illinois (Northwestern University) - Oncocytosis
Kansas (Peterson Laboratory Services, P.A.) - Oncocytosis
Michigan (University of Michigan) - Oncocytoma
New York (SUNY Downstate Medical Center) - Oncocytoma
Ohio (The University of Toledo Medical Center) - Lipoadenoma
Oregon (Oregon Health and Science University Residents) - Oncocytoma
Pennsylvania (Drexel University College of Medicine) - Nodular oncocytosis
Puerto Rico (University of Puerto Rico) - Oncocytic adenolipoma
Tennessee, Knoxville - Oncocytoma with fatty metaplasia
Texas (Anderson Cancer Center) - Oncocytic hyperplasia
Wisconsin (Medical Assessment and Consultation, S.C.) - Oncocytoma
Australia (St. Vincent's Hospital) - Oncocytoma
Canada (Pasqua Hospital) - Oncocytoma
Canada (Royal Alexandra Hospital) - Oncocytic lipoadenoma
Ireland (Connelly Hospital) - Oncocytosis
Japan (Asahi General Hospital) - Oncocytoma (2)
Japan (University of Yamanashi) - Lipoadenoma
Saudi Arabia (King Khalid University Hospital) - Oncocytosis of parotid gland
United Kingdom (John Radcliffe Hospital) - Oncocytoma

Case 5 - Diagnosis:

Oncocytic lipoadenoma, parotid gland

Outside Consultation: Dr. Fu, expert in head and neck pathology; "Oncocytic lipoadenoma of the parotid gland"

Case 5 - References:

Fine needle aspiration cytology of oncocytic lipoadenoma of the parotid gland: report of a rare case.
Acta Cytol 2009; Jul-Aug;53(4): p437-9.
Chahwala Q; Siddaraju N, et al.

Oncocytic lipoadenoma of the parotid gland: Immunohistochemical and cytogenetic analysis.
Pathol Res Pract 2010; Jan 15;206(1): p66-72.
Ilie M; Hofman V, et al.

Oncocytic lipoadenoma of the parotid gland with sebaceous differentiation in a 73-year-old male.
J Otolaryngol Head Neck Surg 2010; Oct;39(5): pE48-50.
McNeil ML; Bullock MJ, et al.

Pathology quiz case 1. Oncocytic lipoadenoma of the parotid gland.
Arch Otolaryngol Head Neck Surg 2008; Apr;134(4): p446, 448.

Case No. 6, Accession No. 31723

February 2014

Glendale - Pleomorphic adenoma
Orange (UCI Medical Center) - Pleomorphic adenoma
Connecticut (Danbury Hospital) - Pleomorphic adenoma
Delaware (Armed Forces Medical Examiner System) - Pleomorphic adenoma
Georgia, Atlanta - Pleomorphic adenoma
Illinois, Oak Brook - Pleomorphic adenoma
Illinois (Heartland Regional Medical Center) - Pleomorphic adenoma
Illinois (Northwestern University) - Pleomorphic adenoma
Kansas (Peterson Laboratory Services, P.A.) - Pleomorphic adenoma
Michigan (University of Michigan) - Pleomorphic adenoma
New York (SUNY Downstate Medical Center) - Pleomorphic adenoma
Ohio (The University of Toledo Medical Center) - Pleomorphic adenoma
Oregon (Oregon Health and Science University Residents) - Pleomorphic adenoma
Pennsylvania (Drexel University College of Medicine) - Pleomorphic adenoma
Puerto Rico (University of Puerto Rico) - Pleomorphic adenoma
Tennessee, Knoxville - Pleomorphic adenoma
Texas (Anderson Cancer Center) - Pleomorphic adenoma, metastasizing
Wisconsin (Medical Assessment and Consultation, S.C.) - Pleomorphic adenoma
Australia (St. Vincent's Hospital) - Pleomorphic adenoma
Canada (Pasqua Hospital) - Pleomorphic adenoma
Canada (Royal Alexandra Hospital) - Pleomorphic adenoma
Ireland (Connelly Hospital) - Pleomorphic adenoma
Japan (Asahi General Hospital) - Pleomorphic adenoma (2)
Japan (University of Yamanashi) - Pleomorphic adenoma
Saudi Arabia (King Khalid University Hospital) - Pleomorphic adenoma
United Kingdom (John Radcliffe Hospital) - Pleomorphic adenoma

Case 6 - Diagnosis:

Pleomorphic adenoma, parotid

Case 6 - References:

Pleomorphic adenoma (benign mixed tumour) of the salivary glands: its diverse clinical, radiological, and histopathological presentation.

Br J Oral Maxillofac Surg 2011; Jan;49(1): p14-20.

Lingam RK; Dagher AA, et al.

Pleomorphic adenoma of the parotid gland in children.

Int J Pediatr Otorhinolaryngol 2007; Nov;71(11): p1717-23.

Rodriguez KH; Vargas S; Robson C, et al.

Pleomorphic adenoma of the parotid gland: histopathologic analysis of the capsular characteristics of 218 tumors.

Head Neck 2007; Aug;29(8): p751-7.

Zbaren P; Stauffer E.

Relationship between histopathology of pleomorphic adenoma in the parotid gland and recurrence after superficial parotidectomy.

J Surg Oncol 2012; Dec;106(8): p942-6.

Park GC; Cho KJ, et al.

A case of pleomorphic adenoma of the parotid gland metastasizing to a mediastinal lymph node.
Am J Otolaryngol 2007; Mar-Apr;28(2): p130-3.
Steele NP; Wenig BM; Sessions RB.

Parotid pleomorphic adenoma with solitary renal metastasis.
Br J Oral Maxillofac Surg 2010; Jan;48(1): p61-3.
Bhutta MF; Dunk L, et al.

Case No. 7, Accession No. 27309

February 2014

Glendale - Carcinoma ex-pleomorphic adenoma
Orange (UCI Medical Center) - Adenoid cystic carcinoma
Connecticut (Danbury Hospital) - Carcinoma ex-pleomorphic adenoma
Delaware (Armed Forces Medical Examiner System) - Polymorphous low grade adenocarcinoma
Georgia, Atlanta - Polymorphous low grade adenocarcinoma
Illinois, Oak Brook - Basal cell adenoma
Illinois (Heartland Regional Medical Center) - Adenoid cystic carcinoma
Illinois (Northwestern University) - Carcinoma ex-pleomorphic adenoma (invasive)
Kansas (Peterson Laboratory Services, P.A.) - Acinic cell carcinoma
Michigan (University of Michigan) - Polymorphous low grade adenocarcinoma
New York (SUNY Downstate Medical Center) - Polymorphous low grade carcinoma
Ohio (The University of Toledo Medical Center) - Pleomorphic adenoma
Oregon (Oregon Health and Science University Residents) - Adenoid cystic carcinoma
Pennsylvania (Drexel University College of Medicine) - Carcinoma, ex-pleomorphic adenoma
Puerto Rico (University of Puerto Rico) - Salivary gland carcinoma mucoadenoma
Tennessee, Knoxville - Carcinoma, ex-pleomorphic adenoma
Texas (Anderson Cancer Center) - Myoepithelial carcinoma
Wisconsin (Medical Assessment and Consultation, S.C.) - Adenoid cystic carcinoma
Australia (St. Vincent's Hospital) - Adenoid cystic carcinoma
Canada (Pasqua Hospital) - Adenoid cystic carcinoma
Canada (Royal Alexandra Hospital) - Carcinoma, ex-pleomorphic adenoma
Ireland (Connelly Hospital) - Carcinoma, ex-pleomorphic adenoma
Japan (Asahi General Hospital) - Carcinoma, ex-pleomorphic adenoma (2)
Japan (University of Yamanashi) - Myoepithelial carcinoma
Saudi Arabia (King Khalid University Hospital) - Epithelial-myoepithelial carcinoma
United Kingdom (John Radcliffe Hospital) - Mucoepidermoid carcinoma (intermediate grade/G2)

Case 7 - Diagnosis:

Carcinoma ex-pleomorphic adenoma, submandibular gland

Case 7 - References:

Carcinoma ex pleomorphic adenoma with special reference to the prognostic significance of histological progression: a clinicopathological investigation of 41 cases.
Histopathology 2011; Oct;59(4): p741-50
Weiler C; Zengel P; van der Wal JE, et al.

Carcinosarcoma ex recurrent pleomorphic adenoma of the submandibular gland.
APMIS 2007; Jun;115(6): p789-94.
Tanahashi J; Daa T, et al.

Carcinoma ex pleomorphic adenoma of the submandibular gland with distant metastases.
B-ENT 2007; 3(1): p27-9.
Hellin-Meseguer D; Melgarejo-Moreno P; Hostalet E.

Carcinoma ex pleomorphic adenoma of the submandibular gland: report of a case with an unusual malignant component of clear cell squamous cell carcinoma.

Oral Surg Oral Med Oral Radiol Endod 2008; Aug;106(2): pe30-4.

Iino M; Yamada H, et al.

Carcinoma ex pleomorphic adenoma: a comprehensive review of clinical, pathological and molecular data.

Head Neck Pathol 2012; Mar;6(1): p1-9

Antony J; Gopalan V, et al.

Ki-67 proliferation rate as a prognostic marker in major salivary gland carcinomas.

Ann Otol Rhinol Laryngol 2010; Oct;119(10): p677-83.

Vacchi-Suzzi M; Bocciolini C, et al.

Case No. 8, Accession No. 31672

February 2014

Glendale - Lymphoma

Orange (UCI Medical Center) - Diffuse large B-cell lymphoma, activated type

Connecticut (Danbury Hospital) - B-cell lymphoma

Delaware (Armed Forces Medical Examiner System) - Diffuse large B-cell lymphoma

Georgia, Atlanta - Diffuse large B-cell lymphoma

Illinois, Oak Brook - Non-Hodgkins B-cell lymphoma

Illinois (Heartland Regional Medical Center) - Large cell lymphoma, diffuse, B-cell (non-germinal center)

Illinois (Northwestern University) - DLBCL (non-germinal center type)

Kansas (Peterson Laboratory Services, P.A.) - Diffuse large B-cell lymphoma

Michigan (University of Michigan) - Diffuse large B-cell lymphoma

New York (SUNY Downstate Medical Center) - Diffuse large B-cell lymphoma, ABC type

Ohio (The University of Toledo Medical Center) - Diffuse large B-cell lymphoma

Oregon (Oregon Health and Science University Residents) - High grade lymphoma, likely diffuse large B-cell lymphoma

Pennsylvania (Drexel University College of Medicine) - DLBL

Puerto Rico (University of Puerto Rico) - Diffuse large B-cell lymphoma

Tennessee, Knoxville - Diffuse large B-cell lymphoma

Texas (Anderson Cancer Center) - DLBCL

Wisconsin (Medical Assessment and Consultation, S.C.) - Malignant lymphoma – Non-Hodgkin, diffuse large B-cell type

Australia (St. Vincent's Hospital) - Diffuse large B-cell lymphoma

Canada (Pasqua Hospital) - Large B-cell lymphoma

Canada (Royal Alexandra Hospital) - Diffuse large B-cell lymphoma

Ireland (Connelly Hospital) - Diffuse large B-cell lymphoma

Japan (Asahi General Hospital) - Diffuse large B-cell lymphoma (2)

Japan (University of Yamanashi) - Diffuse large B-cell lymphoma

Saudi Arabia (King Khalid University Hospital) - Non-Hodgkin's lymphoma, B-cell

United Kingdom (John Radcliffe Hospital) - Diffuse large B-cell lymphoma

Case 8 - Diagnosis:

Diffuse large B-cell lymphoma, tonsil

Case 8 - References:

Primary diffuse large B-cell lymphoma of the tonsil: is a higher radiotherapy dose required?

Cancer 2007; Aug 15;110(4): p816-23.

Laskar S; Bahl G, et al.

Expression of the follicular lymphoma variant translocation 1 gene in diffuse large B-cell lymphoma correlates with subtype and clinical outcome.

Am J Clin Pathol 2008; Dec;130(6): p957-62.

Czuchlewski DR; Csernus B, et al.

Double-hit diffuse large B-cell lymphoma.

J Clin Oncol 2012; Oct 1;30(28): p3439-43.

Friedberg JW.

A new biologic prognostic model based on immunohistochemistry predicts survival in patients with diffuse large B-cell lymphoma.

Blood 2012; Sep 13;120(11): p2290-6.

Perry AM; Cardesa-Salzmänn TM, et al.

Serum C-reactive protein as an important prognostic variable in patients with diffuse large B cell lymphoma.

Tumour Biol 2012; Aug;33(4): p1039-44.

Cao Y; Shi YX, et al.

The spectrum of B-cell lymphoma, unclassifiable, with features intermediate between diffuse large B-cell lymphoma and classical Hodgkin lymphoma: a description of 10 cases.

Mod Pathol 2012; May;25(5): p661-74.

Gualco G; Natkunam Y; Bacchi CE.

Case No. 9, Accession No. 28147

February 2014

Glendale - Undifferentiated carcinoma

Orange (UCI Medical Center) - Sebaceous carcinoma

Connecticut (Danbury Hospital) - Mucoepidermoid carcinoma

Delaware (Armed Forces Medical Examiner System) - Merkel cell carcinoma

Georgia, Atlanta - Poorly differentiated adenocarcinoma

Illinois, Oak Brook - Carcinoma

Illinois (Heartland Regional Medical Center) - Poorly differentiated non-small cell carcinoma

Illinois (Northwestern University) - Poorly differentiated thymic carcinoma

Kansas (Peterson Laboratory Services, P.A.) - High grade epithelial neoplasm

Michigan (University of Michigan) - Adenocarcinoma, not otherwise specified

New York (SUNY Downstate Medical Center) - Poorly differentiated adenocarcinoma

Ohio (The University of Toledo Medical Center) - Salivary ductal carcinoma

Oregon (Oregon Health and Science University Residents) - Acinic cell carcinoma

Pennsylvania (Drexel University College of Medicine) - Thymic carcinoma

Puerto Rico (University of Puerto Rico) - Acinic cell carcinoma

Tennessee, Knoxville - Undifferentiated carcinoma

Texas (Anderson Cancer Center) - Sebaceous carcinoma

Wisconsin (Medical Assessment and Consultation, S.C.) - High grade carcinoma

Canada (Pasqua Hospital) - Carcinoma? Poorly differentiated thyroid carcinoma

Canada (Royal Alexandra Hospital) - Poorly differentiated adenocarcinoma

Ireland (Connolly Hospital) - Poorly differentiated carcinoma

Japan (Asahi General Hospital) - Acinic cell carcinoma (1); Clear cell carcinoma, NOS (1)

Japan (University of Yamanashi) - Nasopharyngeal carcinoma

Saudi Arabia (King Khalid University Hospital) - Metastatic lymphoepithelioma-like carcinoma

United Kingdom (John Radcliffe Hospital) - Metastatic carcinoma (favor prostate)

Case 9 - Diagnosis:

Metastatic poorly differentiated adenocarcinoma c/w prostatic origin, neck

Director's note: "Later, after signing this out as PD adenoca, a PAP and PSA were found to be focally positive, and a prostate biopsy showed carcinoma." (drc)

Case 9 - References:

Prostatic adenocarcinoma metastatic to the head and neck and the workup of an unknown epithelioid neoplasm.

Head Neck 2004; Feb;26(2): p171-8.

Hunt JL; Tomaszewski JE; Montone KT.

Ductal carcinoma of the prostate metastatic to the skin.

Pathologica 2011; Apr;103(2): p50-1.

Collina G; Reggiani C; Carboni G.

Condylar metastasis from prostatic carcinoma mimicking temporomandibular disorder: a case report.

Oral Maxillofac Surg 2012; Mar;16(1): p79-82.

Freudlsperger C; Kurth R, et al.

Prostatic carcinoma metastatic to the paranasal sinuses: a case report.

Ear Nose Throat J 2008; Sep;87(9): p519-20.

Viswanatha B.

Fine-needle aspiration of metastatic prostatic neuroendocrine carcinomas: cytomorphologic and immunophenotypic features.

Diagn Cytopathol 2008; Aug;36(8): p545-9.

Cai G; Ramdall RB, et al.

Paraesophageal lymph node metastasis from prostatic adenocarcinoma in a patient with esophageal squamous carcinoma.

Dis Esophagus 2005;18(2): p124-6.

Larkin JO; Collins CG, et al.

Case No. 10, Accession No. 31577

February 2014

Glendale - Pleomorphic rhabdomyosarcoma

Orange (UCI Medical Center) - Rhabdomyosarcoma

Connecticut (Danbury Hospital) - Rhabdomyosarcoma

Delaware (Armed Forces Medical Examiner System) - Anaplastic thyroid carcinoma with rhabdomyosarcomatous differentiation

Georgia, Atlanta - Spindle cell rhabdomyosarcoma

Illinois, Oak Brook - Rhabdomyosarcoma

Illinois (Heartland Regional Medical Center) - Rhabdomyosarcoma, spindle cell type

Illinois (Northwestern University) - Spindle cell rhabdomyosarcoma

Kansas (Peterson Laboratory Services, P.A.) - Rhabdomyosarcoma

Michigan (University of Michigan) - Anaplastic thyroid carcinoma

New York (SUNY Downstate Medical Center) - Rhabdomyosarcoma, spindle cell variant

Ohio (The University of Toledo Medical Center) - Rhabdomyosarcoma

Oregon (Oregon Health and Science University Residents) - Rhabdomyosarcoma, spindle cell variant

Pennsylvania (Drexel University College of Medicine) - Leiomyosarcoma

Puerto Rico (University of Puerto Rico) - Rhabdomyosarcoma

Tennessee, Knoxville - Leiomyosarcoma

Texas (Anderson Cancer Center) - Leiomyosarcoma

Wisconsin (Medical Assessment and Consultation, S.C.) - Rhabdomyosarcoma

Australia (St. Vincent's Hospital) - Rhabdomyosarcoma
Canada (Pasqua Hospital) - Rhabdomyosarcoma
Canada (Royal Alexandra Hospital) - Embryonal rhabdomyosarcoma, spindle cell type
Ireland (Connelly Hospital) - Leiomyosarcoma
Japan (Asahi General Hospital) - Leiomyosarcoma (1); Undifferentiated carcinoma (1)
Japan (University of Yamanashi) - Leiomyosarcoma
Saudi Arabia (King Khalid University Hospital) - Rhabdomyosarcoma, spindle cell type
United Kingdom (John Radcliffe Hospital) - Rhabdomyosarcoma

Case 10 - Diagnosis:

Myosarcoma, thyroid

Case 10 - References:

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