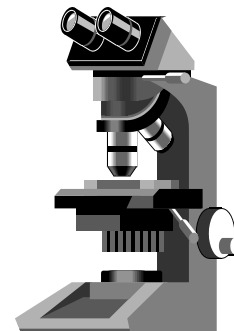


CALIFORNIA
TUMOR TISSUE REGISTRY

HEAD AND NECK PATHOLOGY

Minutes – Subscription B

April 2013



SUGGESTED READING (General Topics from Recent Literature):

Sudden Cardiac Death in Young Adults: Environmental Risk Factors and Genetic Aspects of Premature Atherosclerosis. *J Forensic Sci* 2012;57:658-662.

Quantifying Hepatic Steatosis – More Than Meets the Eye. Levene AP, Kudo H, et al. *Histopathology* 2012;60:971-981.

Type-Specific Human Papillomavirus DNA Detected in Atypical Glandular Cell Pap Tests. Mulhem E, Amin M, et al. *Acta Cytol* 2012;56 (2):155-159.

HPV-Associated Neuroendocrine Carcinoma of the Oropharynx: A Rare New Entity With Potentially Aggressive Clinical Behavior. *Am J Surg Pathol* 2012;36:321-330

Thymomas II: A Clinicopathologic Correlation of 250 Cases With a Proposed Staging System With Emphasis on Pathologic Assessment. Moran CA, Walsh G, et al. *J Clin Pathol* 2012; 137:451-461.

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
(909) 558-4788
FAX: (909) 558-0188
E-mail: cttr@linkline.com
Web site & Case of the Month: www.cttr.org

FILE DIAGNOSES

CTTR Subscription B

April 2013

Case 1:

Epithelial-myoepithelial carcinoma arising in sebaceous lymphadenoma, parotid

Case 2:

Carotid body paraganglioma

Case 3:

Benign lymphoepithelial lesion in setting of Sjogren syndrome, parotid gland

Case 4:

Pleomorphic adenoma, parotid gland

Case 5:

Carcinoma ex pleomorphic adenoma with adenoid cystic features, parotid gland

Case 6:

Adenoid cystic carcinoma, lacrimal gland

Case 7:

Verrucous squamous cell carcinoma, nose

Case 8:

Inverted schneiderian papilloma, nose

Case 9:

Melanoma, nodular type, face

Case 10:

Hodgkin's lymphoma co-existent with toxoplasmosis lymphadenitis, submandibular region

Glendale - Lymphadenoma
Orange (UCI Medical Center) - Paraganglioma
Alabama (Cunningham Pathology) - Adenosquamous Ca
Connecticut, Danbury (Danbury Hospital) - Lymphoepithelial sialadenitis
Delaware (Armed Forces Medical Examiner System) - Basal cell adenocarcinoma
Georgia, Atlanta - Lymphadenoma
Illinois (Heartland Regional Medical Center) - Lymphadenoma
Ohio (Summa Health System) - Dedifferentiated adenoid cystic carcinoma
Oregon (Oregon Health and Science University) - B cell Lymphoma
Mississippi, Jackson Univeristy of Mississippi Medical Center - Lymphadenoma
New York, Brooklyn (SUNY Downstate Medical Center) – Sebaceous lymphadenoma
Pennsylvania, Johnstown (Conemaugh Memorial Medical Center) - Consistent with adenoid cystic carcinoma
Pennsylvania, Philadelphia – Sialometaplasia
Tennessee, Knoxville - Myoepithelial sialadenitis
Texas, Crystal Beach - Warthin tumor
Wisconsin, Cross Plains (Medical Assessment and Consultation, S.C.) - Benign sebaceous lymphadenoma
Wisconsin, Milwaukee (Medical College of Wisconsin) - Lymphadenoma
Australia (Royal Prince Alfred Hospital) - Adenoid cystic carcinoma (differential: mucoepidermoid carcinoma, would do mucicarmin stain, further sections)
Australia (St. Vincent's Hospital) - Lymphadenoma
Canada (Pasqua Hospital) - Benign Lymphoepithelial lesion
Canada (University of Sherbrooke) - Epithelial myoepithelial carcinoma, parotid gland
Ireland (Connelly Hospital) - Sebaceous lymphadenoma
Japan (Asahi General Hospital) - Lymphadenoma
Japan, Setagaya-Ku - Sebaceous lymphadenocarcinoma
Puerto Rico (University of Puerto Rico) - Benign lymphoepithelial lesion/non-sebaceous
Saudi Arabia (King Fahad Hospital Hofuf) - Lymphadenoma non-sebaceous
Saudi Arabia (King Khalid University Hospital) - Lymphoepithelial sialadenitis
Singapore Freelance/Locum Practice - Lymphadenoma
United Kingdom (John Radcliffe Hospital) - Sebaceous lymphadenoma

Case 1 - Diagnosis:

Epithelial-myoepithelial carcinoma arising in a sebaceous lymphadenoma, parotid

Director's note: Case seen in consultation with Dr. Stacey Mills. (drc)

Case 1 - References:

A case of epithelial-myoepithelial carcinoma of the bronchus - a review of reported cases and a comparison with other salivary gland-type carcinomas of the bronchus.

Pathol Res Pract 2010 Feb 15;206(2): p121-9

Okudela K; Yazawa T, et al.

Hybrid carcinoma of the parotid gland: report of a case (epithelial-myoepithelial carcinoma and salivary duct carcinoma) and review of the literature.

Acta Otolaryngol 2010;130(1): p185-9

Kainuma K; Oshima A, et al.

Dedifferentiated epithelial-myoepithelial carcinoma of the parotid gland with aberrant expression of prostate specific antigen: a case report.

Int J Surg Pathol 2010 Oct;18(5): p401-5

Sarode VR; Truelson J, et al.

Epithelial-myoepithelial carcinoma with myoepithelial anaplasia: report of a case with cytologic findings of a rare variant.

Acta Cytol 2010 Jul-Aug;54(4): p605-10

Suzuki T; Murata S, et al.

Epithelial-myoepithelial carcinoma with high grade transformation.

Am J Surg Pathol 2010 Sep;34(9): p1258-65

Roy P; Bullock MJ; Perez-Ordóñez B; Dardick I; Weinreb I

Case No. 2, Accession No. 12907

April 2013

Glendale - Paraganglioma

Orange (UCI Medical Center) - Benign lymphoepithelial lesion

Alabama (Cunningham Pathology) - Paraganglioma

Connecticut, Danbury (Danbury Hospital) - Paraganglioma

Delaware (Armed Forces Medical Examiner System) - Paraganglioma

Georgia, Atlanta - Paraganglioma

Illinois (Heartland Regional Medical Center) - Carotid body paraganglioma

Ohio (Summa Health System) - Paraganglioma with features concerning for malignancy

Oregon (Oregon Health and Science University) - Paraganglioma

Mississippi, Jackson University of Mississippi Medical Center - Carotid body paraganglioma

New York, Brooklyn (SUNY Downstate Medical Center) - Paraganglioma

Pennsylvania, Johnstown (Conemaugh Memorial Medical Center) - Paraganglioma

Pennsylvania, Philadelphia - Paraganglioma

Tennessee, Knoxville - Paraganglioma

Texas, Crystal Beach - Paraganglioma

Wisconsin, Cross Plains (Medical Assessment and Consultation, S.C.) - Carotid body paraganglioma

Wisconsin, Milwaukee (Medical College of Wisconsin) - Paraganglioma

Australia (Royal Prince Alfred Hospital) - Paraganglioma

Australia (St. Vincent's Hospital) - Extra-adrenal paraganglioma

Canada (Pasqua Hospital) - Paraganglioma

Canada (University of Sherbrooke) - Paraganglioma, carotid body

Ireland (Connelly Hospital) - Carotid body tumor

Japan (Asahi General Hospital) - Paraganglioma

Japan, Setagaya-Ku - Paraganglioma

Puerto Rico (University of Puerto Rico) - Paraganglioma

Saudi Arabia (King Fahad Hospital Hofuf) - Paraganglioma

Saudi Arabia (King Khalid University Hospital) - Paraganglioma/carotid body tumor

Singapore Freelance/Locum Practice - Paraganglioma

United Kingdom (John Radcliffe Hospital) - Paraganglioma

Case 2 - Diagnosis:

Carotid body paraganglioma

Case 2 - References:

Fine needle aspiration diagnosis of carotid body tumor in a case of multiple paragangliomas presenting with facial palsy: a case report.

Acta Cytol 2010 Jul-Aug;54(4): p635-9

Naniwadekar MR; Jagtap SV, et al.

Carotid body paraganglioma manifesting as a malignant solitary mass on imaging: a case report.

Oral Surg Oral Med Oral Pathol Oral Radiol Endod 2010 Apr;109(4): p54-8

Chiu GA; Edwards AI, et al.

Recurrent familial malignant carotid body tumour presenting with lymph node metastasis: case report, and review of diagnosis and management of familial carotid body tumours.

J Laryngol Otol 2010 Dec;124(12): p1344-6

Hall TC; Renwick P, et al.

Interconnecting cytoplasmic processes on fine-needle aspiration smears of carotid body paraganglioma.
Diagn Cytopathol 2010 Jul;38(7): p507-8
Schreiner AM; Fried, et al.

Clinical, histopathologic, and radiographic indicators of malignancy in head and neck paragangliomas.
Otolaryngol Head Neck Surg 2010 Oct;143(4): p531-7
Chapman DB; Lippert D, et al.

Case No. 3, Accession No. 19828

April 2013

Glendale - Lymphoepithelial lesion
Orange (UCI Medical Center) - Pleomorphic adenoma
Alabama (Cunningham Pathology) - Lymphoepithelial Ca
Connecticut, Danbury (Danbury Hospital) -
Delaware (Armed Forces Medical Examiner System) - Necrotizing sialadenitis
Georgia, Atlanta - Epimyoepithelial sialadenitis
Illinois (Heartland Regional Medical Center) - Lymphoepithelial sialadenitis
Ohio (Summa Health System) - Lymphoepithelial lesion, rule out lymphoma
Oregon (Oregon Health and Science University) - Chronic sialadenitis
Mississippi, Jackson University of Mississippi Medical Center - Lymphoepithelial sialadenitis
New York, Brooklyn (SUNY Downstate Medical Center) - Lymphoepithelial sialadenitis
Pennsylvania, Johnstown (Conemaugh Memorial Medical Center) - MALT lymphoma
Pennsylvania, Philadelphia - Benign lymphoepithelial lesion
Tennessee, Knoxville - Benign lymphoepithelial lesion
Texas, Crystal Beach - Benign lymphoepithelial lesion (Sjogren's)
Wisconsin, Cross Plains (Medical Assessment and Consultation, S.C.) - Benign lymphoepithelial lesion
Wisconsin, Milwaukee (Medical College of Wisconsin) - MALT lymphoma
Australia (Royal Prince Alfred Hospital) - Lymphoepithelial sialadenitis (favor Sjogren)
Australia (St. Vincent's Hospital) - Benign lymphoepithelial lesion
Canada (Pasqua Hospital) - MALT lymphoma
Canada (University of Sherbrooke) - Lymphoepithelial sialadenitis (extranodal B-cell lymphoma), parotid gland
Ireland (Connelly Hospital) - Lymphoepithelial lesion
Japan (Asahi General Hospital) - Branchial cleft cyst
Japan, Setagaya-Ku - Lymphoepithelial carcinoma
Puerto Rico (University of Puerto Rico) - Benign lymphoepithelial lesion rule out marginal zone lymphoma
Saudi Arabia (King Fahad Hospital Hofuf) - Benign lymphoepithelial lesion
Saudi Arabia (King Khalid University Hospital) - Lymphoepithelial lesions consistent with Sjogren syndrome
Singapore Freelance/Locum Practice - Benign lymphoepithelial lesion
United Kingdom (John Radcliffe Hospital) - Lymphoepithelial sialadenitis as part of Sjogren syndrome

Case 3 - Diagnosis:

Benign lymphoepithelial lesion in setting of Sjogren syndrome, parotid gland

Case 3 - References:

The role of intrinsic epithelial activation in the pathogenesis of Sjogren's syndrome.
J Autoimmun 2010 Nov;35(3): p219-24
Manoussakis MN; Kapsogeorgou EK

Primary non-Hodgkin's lymphoma of the salivary gland: a spectrum of lymphoepithelial sialadenitis, low-grade B-cell lymphoma of mucosa-associated lymphoid tissue with transformation to high-grade lymphoma.
Indian J Pathol Microbiol 2010 Apr-Jun;53(2): p364-7
Agale SV; D'Costa GF, et al.

Autoimmune response and target autoantigens in Sjogren's syndrome.

Eur J Clin Invest 2010 Nov;40(11): p1026-36
Routsias JG; Tzioufas AG

Bilateral parotid cysts as presentation of Sjogren's syndrome.
J Laryngol Otol 2003 Feb;117(2): p151-2
Plaza G; Dominguez MP; Bueno A

Benign lymphoepithelial parotid lesions in vertically HIV-infected patients.
AIDS Patient Care STDS 2006 Aug;20(8): p536-41
Rosso R; Pretolesi F, et al.

Lymphoepithelial lesions of the parotid gland in the HIV era--a South African experience.
S Afr J Surg 2007 Nov;45(4): p136-8, 140
Naidoo M; Singh B, et al.

Case No. 4, Accession No. 31329

April 2013

Glendale - Cellular mixed tumor
Orange (UCI Medical Center) - Adenoid cystic carcinoma
Alabama (Cunningham Pathology) - Carcinoma ex mixed tumor
Connecticut, Danbury (Danbury Hospital) - Benign mixed tumor (pleomorphic adenoma)
Delaware (Armed Forces Medical Examiner System) - Pleomorphic adenoma
Georgia, Atlanta - Pleomorphic adenoma
Illinois (Heartland Regional Medical Center) - Pleomorphic adenoma
Ohio (Summa Health System) - Pleomorphic adenoma
Oregon (Oregon Health and Science University) - Pleomorphic adenoma
Mississippi, Jackson University of Mississippi Medical Center - Pleomorphic adenoma
New York, Brooklyn (SUNY Downstate Medical Center) - Pleomorphic adenoma
Pennsylvania, Johnstown (Conemaugh Memorial Medical Center) - Pleomorphic adenoma
Pennsylvania, Philadelphia - Pleomorphic adenoma
Tennessee, Knoxville - Pleomorphic adenoma
Texas, Crystal Beach - Mixed tumor parotid
Wisconsin, Cross Plains (Medical Assessment and Consultation, S.C.) - Pleomorphic adenoma
Wisconsin, Milwaukee (Medical College of Wisconsin) - Pleomorphic adenoma
Australia (Royal Prince Alfred Hospital) - Pleomorphic adenoma
Australia (St. Vincent's Hospital) - Pleomorphic adenoma
Canada (Pasqua Hospital) - Mixed tumor
Canada (University of Sherbrooke) - Pleomorphic adenoma, parotid gland
Ireland (Connelly Hospital) - Pleomorphic adenoma
Japan (Asahi General Hospital) - Pleomorphic adenoma
Japan, Setagaya-Ku - Adenoid cystic carcinoma
Puerto Rico (University of Puerto Rico) - Pleomorphic adenoma
Saudi Arabia (King Fahad Hospital Hofuf) - Pleomorphic adenoma
Saudi Arabia (King Khalid University Hospital) - Pleomorphic adenoma
Singapore Freelance/Locum Practice - Pleomorphic adenoma
United Kingdom (John Radcliffe Hospital) - Pleomorphic adenoma

Case 4 - Diagnosis:

Pleomorphic adenoma, parotid gland

Case 4 - References:

Pleomorphic adenoma of the parotid gland in children.
Int J Pediatr Otorhinolaryngol 2007 Nov;71(11): p1717-23
Rodriguez KH; Vargas S, 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

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, et al.

Basal cell adenoma and lymphoepithelial cyst as recurrent tumors of pleomorphic adenoma of the parotid gland.
Auris Nasus Larynx 2006 Mar;33(1): p97-100
Kuratomi Y; Satoh S, et al.

Pleomorphic adenoma with extensive lipometaplasia: report of three cases.
Am J Surg Pathol 2005 Oct;29(10): p1389-93
Haskell HD; Butt KM, et al.

Case No. 5, Accession No. 31098

April 2013

Glendale - Adenoid cystic carcinoma ex pleomorphic adenoma
Orange (UCI Medical Center) - Adenoid cystic carcinoma
Alabama (Cunningham Pathology) - Adenoid cystic carcinoma
Connecticut, Danbury (Danbury Hospital) - Adenoid cystic carcinoma, intermediate high grade
Delaware (Armed Forces Medical Examiner System) - Polymorphous low-grade adenocarcinoma
Georgia, Atlanta - Carcinoma ex pleomorphic adenoma
Illinois (Heartland Regional Medical Center) - Carcinoma ex pleomorphic adenoma
Ohio (Summa Health System) - Carcinoma ex pleomorphic adenoma
Oregon (Oregon Health and Science University) - Low grade epithelial myoepithelial carcinoma
Mississippi, Jackson University of Mississippi Medical Center - High grade salivary gland adenocarcinoma, favor carcinoma ex pleomorphic adenoma
New York, Brooklyn (SUNY Downstate Medical Center) - Carcinoma ex pleomorphic adenoma
Pennsylvania, Johnstown (Conemaugh Memorial Medical Center) - Carcinoma EX PA
Pennsylvania, Philadelphia - Adenoid cystic carcinoma, grade 3
Tennessee, Knoxville - Adenoid cystic carcinoma
Texas, Crystal Beach - Polymorphous low grade adenocarcinoma
Wisconsin, Cross Plains (Medical Assessment and Consultation, S.C.) - Adenoid cystic carcinoma, solid type
Wisconsin, Milwaukee (Medical College of Wisconsin) - Adenoid cystic carcinoma vs. carcinoma ex pleomorphic adenoma
Australia (Royal Prince Alfred Hospital) - Adenoid cystic carcinoma, solid variant grade 3
Australia (St. Vincent's Hospital) - Adenoid cystic carcinoma, grade 3
Canada (Pasqua Hospital) - Adenoid cystic carcinoma
Canada (University of Sherbrooke) - Salivary duct carcinoma, parotid gland
Ireland (Connolly Hospital) - Polymorphous low grade adenocarcinoma
Japan (Asahi General Hospital) - Myoepithelial carcinoma
Japan, Setagaya-Ku - Adenoid cystic carcinoma
Puerto Rico (University of Puerto Rico) - Salivary duct carcinoma
Saudi Arabia (King Fahad Hospital Hofuf) - Adenoid cystic carcinoma, solid type, high grade
Saudi Arabia (King Khalid University Hospital) - Adenoid cystic carcinoma
Singapore Freelance/Locum Practice - Adenoid cystic carcinoma
United Kingdom (John Radcliffe Hospital) - Adenoid cystic carcinoma

Case 5 - Diagnosis:

Carcinoma ex pleomorphic adenoma with adenoid cystic features, parotid gland

Case 5 - References:

Cytomorphologic spectrum of carcinoma ex pleomorphic adenoma.

Acta Cytol 2004 May-Jun;48(3): p309-14
Nigam S; Kumar N; Jain S

Cyclin D1 and p16 expression in pleomorphic adenoma and carcinoma ex pleomorphic adenoma of the parotid gland.
Histopathology 2007 Nov;51(5): p691-6
Patel RS; Rose B, et al.

CNS metastases of carcinoma ex pleomorphic adenoma of the parotid gland.
AJNR Am J Neuroradiol 2006 Aug;27(7): p1483-5
Sheedy SP; Welker KM; De Lone DR; Gilbertson JR

Adenocarcinoma ex pleomorphic adenoma of the head and neck: Report of five cases.
Auris Nasus Larynx 2006 Mar;33(1): p43-6
Kariya S; Kosaka M; Orita Y; Akagi H; Nishizaki K

CK7+/CK20- immunoexpression profile is typical of salivary gland neoplasia.
Histopathology 2007 Jul;51(1): p26-32
Meer S; Altini M

Case No. 6, Accession No. 21979

April 2013

Glendale - Carcinoma

Orange (UCI Medical Center) - Sebaceous carcinoma

Alabama (Cunningham Pathology) - Sebaceous Carcinoma

Connecticut, Danbury (Danbury Hospital) - Adenocarcinoma

Delaware (Armed Forces Medical Examiner System) - Sebaceous carcinoma

Georgia, Atlanta - Adenocarcinoma, NOS

Illinois (Heartland Regional Medical Center) - Adenocarcinoma

Ohio (Summa Health System) - Moderately differentiated adenocarcinoma

Oregon (Oregon Health and Science University) - Infiltrative adenocarcinoma, NOS

Mississippi, Jackson Univeristy of Mississippi Medical Center - Lacrimal duct adenocarcinoma

New York, Brooklyn (SUNY Downstate Medical Center) – Adenoid cystic carcinoma

Pennsylvania, Johnstown (Conemaugh Memorial Medical Center) - Basal cell adenocarcinoma

Pennsylvania, Philadelphia – Adenoid cystic carcinoma, low grade

Tennessee, Knoxville - Adenoid cystic carcinoma

Texas, Crystal Beach - Lacrimal gland adenoma

Wisconsin, Cross Plains (Medical Assessment and Consultation, S.C.) - Mucoepidermoid carcinoma

Wisconsin, Milwaukee (Medical College of Wisconsin) - Lacrimal duct carcinoma

Australia (Royal Prince Alfred Hospital) - Adenoid cystic carcinoma (differential: polymorphous low grade adenocarcinoma)

Australia (St. Vincent's Hospital) - Adenocarcinoma

Canada (Pasqua Hospital) - Adenocarcinoma

Canada (University of Sherbrooke) - Adenoid cystic carcinoma, lacrimal gland

Ireland (Connelly Hospital) - Adenocarcinoma

Japan (Asahi General Hospital) - Adenoid cystic carcinoma

Japan, Setagaya-Ku - Basal cell adenocarcinoma

Puerto Rico (University of Puerto Rico) - Clear cell adenocarcinoma hyalinizing type/Adenoid cystic carcinoma

Saudi Arabia (King Fahad Hospital Hofuf) – Low grade adenocarcinoma NOS

Saudi Arabia (King Khalid University Hospital) - Adenocarcinoma, NOS probably arising from lacrimal gland

Singapore Freelance/Locum Practice – Basal cell adenocarcinoma

United Kingdom (John Radcliffe Hospital) - Adenocarcinoma of the lacrimal gland, NOS

Case 6 - Diagnosis:

Adenoid cystic carcinoma, lacrimal gland

Case 6 - References:

Disappearance of primitive basaloid cells after external irradiation in adenoid cystic carcinoma of the lacrimal gland.
J Med Assoc Thai 2006 Aug;89(8): p1318-21
Tirakunwichcha S; Tulvatana W

Epithelial lacrimal gland tumors: a clinicopathological study of 18 cases.
Otolaryngol Head Neck Surg 2006 Feb;134(2): p321-5
Perez DE; Pires FR, et al.

Outcomes in patients with adenoid cystic carcinoma of the lacrimal gland.
Ophthal Plast Reconstr Surg 2004 Jan;20(1): p22-6
Esmaeli B; Ahmadi MA, et al.

Adenoid cystic carcinoma of salivary and lacrimal gland origin: localization, classification, clinical pathological correlation, treatment results and long-term follow-up control in 84 patients.
Anticancer Res 2003 Mar-Apr;23(2A): p931-40
Friedrich RE; Bleckmann V

Cystic carcinoma ex pleomorphic adenoma of the lacrimal gland.
Ophthal Plast Reconstr Surg 2007 Sep-Oct;23(5): p407-9
Takahira M; Minato H, et al.

Case No. 7, Accession No. 31398

April 2013

Glendale - Verrucous carcinoma
Orange (UCI Medical Center) - Squamous cell carcinoma
Alabama (Cunningham Pathology) - Verrucous squamous cell carcinoma
Connecticut, Danbury (Danbury Hospital) - Nasal verrucous carcinoma
Delaware (Armed Forces Medical Examiner System) - Well –differentiated squamous cell carcinoma, arising in a fungiform papilloma
Georgia, Atlanta - Verrucous carcinoma
Illinois (Heartland Regional Medical Center) - Verrucous carcinoma
Ohio (Summa Health System) - Moderately differentiated squamous cell carcinoma
Oregon (Oregon Health and Science University) - Invasive squamous cell carcinoma
Mississippi, Jackson Univeristy of Mississippi Medical Center - Squamous cell carcinoma, well differentiated
New York, Brooklyn (SUNY Downstate Medical Center) – Squamous cell carcinoma, well differentiated
Pennsylvania, Johnstown (Conemaugh Memorial Medical Center) - Verrucous carcinoma
Pennsylvania, Philadelphia – Squamous cell carcinoma
Tennessee, Knoxville - Squamous cell carcinoma
Texas, Crystal Beach - Inverted verrucous papilloma
Wisconsin, Cross Plains (Medical Assessment and Consultation, S.C.) - Well differentiated, keratinizing, verrucous squamous cell carcinoma
Wisconsin, Milwaukee (Medical College of Wisconsin) - Well-differentiated squamous cell carcinoma
Australia (Royal Prince Alfred Hospital) - Verrucous carcinoma
Australia (St. Vincent's Hospital) - Papillary squamous cell carcinoma
Canada (Pasqua Hospital) - Verrucous carcinoma
Canada (University of Sherbrooke) - Squamous cell carcinoma, verrucous type, nose
Ireland (Connelly Hospital) - Well differentiated keratinizing squamous cell carcinoma
Japan (Asahi General Hospital) - Verrucous carcinoma
Japan, Setagaya-Ku - Squamous cell carcinoma
Puerto Rico (University of Puerto Rico) - Verrucous carcinoma
Saudi Arabia (King Fahad Hospital Hofuf) – Verrucous carcinoma
Saudi Arabia (King Khalid University Hospital) - Squamous cell carcinoma (verrucous type)
Singapore Freelance/Locum Practice – Squamous cell carcinoma
United Kingdom (John Radcliffe Hospital) - Verrucous carcinoma

Case 7 - Diagnosis:

Verrucous squamous cell carcinoma, nose

Case 7 - References:

Verrucous carcinoma--an embarrassing problem?

Int J STD AIDS 2007 Aug;18(8): p573-4

Wong M; Walzman M, et al.

Verrucous carcinoma of the scalp.

J Am Acad Dermatol 2007 Mar;56(3): p506-7

Pattee SF; Bordeaux J, et al.

Verrucous carcinoma of the paranasal sinuses: case report and clinical update.

Head Neck 2004 Feb;26(2): p184-9

Paleri V; Orvidas LJ, et al.

Bilateral fungiform papilloma with synchronous verrucous carcinoma of the nasal septum: a rare presentation and a literature review.

J Laryngol Otol 2012 Apr;126(4): p424-7

Maithani T; Dey D, et al.

[Verrucous carcinoma of the face: a report of 2 cases]

Actas Dermosifiliogr 2009 Mar;100(2): p160-2

Gonzalez-Perez R; Trebol I, et al.

Desmosomes in verrucous carcinoma of the head and neck.

Histol Histopathol 2012 Apr;27(4): p467-74

Odar K; Zidar N, et al.

Case No. 8, Accession No. 24311**April 2013**

Glendale - Endophytic papilloma

Orange (UCI Medical Center) - Inverted schneiderian papilloma

Alabama (Cunningham Pathology) - Inverted papilloma

Conneticut, Danbury (Danbury Hospital) - Inverted squamous papilloma

Delaware (Armed Forces Medical Examiner System) - Inverted papilloma

Georgia, Atlanta - Inverted schneiderian papilloma

Illinois (Heartland Regional Medical Center) - Inverted schneiderian papilloma

Ohio (Summa Health System) - Inverted schneiderian papilloma

Oregon (Oregon Health and Science University) - Inverted papilloma

Mississippi, Jackson Univeristy of Mississippi Medical Center - Inverted schneiderian papilloma

New York, Brooklyn (SUNY Downstate Medical Center) - Schneiderian papilloma, inverted type

Pennsylvania, Johnstown (Conemaugh Memorial Medical Center) - Inverted papilloma

Pennsylvania, Philadelphia - Inverted papilloma

Tennessee, Knoxville - Inverted papilloma

Texas, Crystal Beach - Squamous papilloma

Wisconsin, Cross Plains (Medical Assessment and Consultation, S.C.) - Benign squamous papilloma, inverted (schneiderian) type

Wisconsin, Milwaukee (Medical College of Wisconsin) - Inverted papilloma

Australia (Royal Prince Alfred Hospital) - Schneiderian papilloma

Australia (St. Vincent's Hospital) - Inverted papilloma

Canada (Pasqua Hospital) - Inverted papilloma

Canada (University of Sherbrooke) - Inverted papilloma, nose

Ireland (Connelly Hospital) - Schneiderian papilloma endophytic

Japan (Asahi General Hospital) - Inverted schneiderian papilloma
Japan, Setagaya-Ku - Squamous cell carcinoma
Puerto Rico (University of Puerto Rico) - Inverted papilloma (Schneiderian papilloma)
Saudi Arabia (King Fahad Hospital Hofuf) – Sinonasal inverted papilloma
Saudi Arabia (King Khalid University Hospital) - Inverted papilloma
Singapore Freelance/Locum Practice – Inverted papilloma
United Kingdom (John Radcliffe Hospital) - Inverted schneiderian papilloma

Case 8 - Diagnosis:

Inverted schneiderian papilloma, nose

Case 8 - References:

Malignant transformation of exophytic Schneiderian papilloma of the nasal cavity.
 Pathol Int 2012 Mar;62(3): p199-203
 Terada T

Schneiderian papillomas and carcinomas: a retrospective study with special reference to p53 and p16 tumor suppressor gene expression and association with HPV.
 Ear Nose Throat J 2010 Oct;89(10): pE5-E12
 Cheung FM; Lau TW, et al.

[Immunohistochemistry expression of 3 markers (CEA, UEA-I and Ki-67) in nasal inverted papillomas]
 Rev Laryngol Otol Rhinol (Bord 2008;129(3): p159-65
 De Gabory L; Deminiere C, et al.

Predicting the site of attachment of sinonasal inverted papilloma.
 Rhinology 2009 Dec;47(4): p345-8
 Bhalla RK; Wright ED

Management of sinonasal inverted papillomas and comparison of classification staging systems.
 Am J Rhinol Allergy 2010 Jan-Feb;24(1): p66-9
 Gras-Cabrero JR; Montserrat-Gili JR, et al.

Endoscopic treatment of sinonasal papilloma: a 12 year review.
 Acta Otolaryngol 2008 Jun;128(6): p670-4
 Mackle T; Chambon G, et al.

Case No. 9, Accession No. 30803

April 2013

Glendale - Melanoma
Orange (UCI Medical Center) - Melanoma
Alabama (Cunningham Pathology) - Melanoma
Connecticut, Danbury (Danbury Hospital) - Melanoma
Delaware (Armed Forces Medical Examiner System) - Malignant melanoma
Georgia, Atlanta - Melanoma
Illinois (Heartland Regional Medical Center) - Malignant melanoma, nodular
Ohio (Summa Health System) - Melanoma
Oregon (Oregon Health and Science University) - Melanoma
Mississippi, Jackson University of Mississippi Medical Center - Melanoma, nodular subtype
New York, Brooklyn (SUNY Downstate Medical Center) – Melanoma, nodular
Pennsylvania, Johnstown (Conemaugh Memorial Medical Center) - Melanoma
Pennsylvania, Philadelphia – Melanoma
Tennessee, Knoxville - Melanoma
Texas, Crystal Beach - Melanoma
Wisconsin, Cross Plains (Medical Assessment and Consultation, S.C.) - Malignant melanoma, epithelioid cell type

Wisconsin, Milwaukee (Medical College of Wisconsin) - Malignant melanoma
Australia (Royal Prince Alfred Hospital) - Melanoma
Australia (St. Vincent's Hospital) - Melanoma (nodular)
Canada (Pasqua Hospital) - Melanoma
Canada (University of Sherbrooke) - Melanoma, face
Ireland (Connelly Hospital) - Malignant melanoma
Japan (Asahi General Hospital) - Malignant melanoma
Japan, Setagaya-Ku - Malignant melanoma
Puerto Rico (University of Puerto Rico) - Nodular melanoma
Saudi Arabia (King Fahad Hospital Hofuf) – Nodular malignant melanoma
Saudi Arabia (King Khalid University Hospital) - Malignant melanoma, nodular
Singapore Freelance/Locum Practice – Melanoma, nodular
United Kingdom (John Radcliffe Hospital) - Malignant melanoma

Case 9 - Diagnosis:

Melanoma, nodular type, face

Case 9 - References:

Evaluation of 39 cases of pediatric cutaneous head and neck melanoma.
 J Am Acad Dermatol 2011 Aug;65(2): p37-42
 Tcheung WJ; Marcello JE, et al.

The contribution of nodular subtype to melanoma mortality in the United States, 1978 to 2007.
 Arch Dermatol 2012 Jan;148(1): p30-6
 Shaikh WR; Xiong M, et al.

Historical, clinical, and dermoscopic characteristics of thin nodular melanoma.
 Arch Dermatol 2010 Mar;146(3): p311-8
 Kalkhoran S; Milne O, et al.

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Case No. 10, Accession No. 19318

April 2013

Glendale - Sarcoid
Orange (UCI Medical Center) - Hodgkin's lymphoma
Alabama (Cunningham Pathology) - Hodgkin's disease
Connecticut, Danbury (Danbury Hospital) - Granulomatous lymphadenitis, diff sarcoidosis/beriliosis
Delaware (Armed Forces Medical Examiner System) - Malignant lymphoma, favor Hodgkin lymphoma
Georgia, Atlanta - Rosai Dorfman disease
Illinois (Heartland Regional Medical Center) - Hodgkin's lymphoma, lymphotropic classical type
Ohio (Summa Health System) - Lymphoma, suspicious for Hodgkin lymphoma
Oregon (Oregon Health and Science University) - Granulomatous inflammation suggestive of mycobacterium avium intracellulare
Mississippi, Jackson Univeristy of Mississippi Medical Center - Hodgkin lymphoma
New York, Brooklyn (SUNY Downstate Medical Center) – Classic Hodgkin disease
Pennsylvania, Johnstown (Conemaugh Memorial Medical Center) - Classical Hodgkin's lymphoma
Pennsylvania, Philadelphia – Rosai-dorfman disease

Tennessee, Knoxville - Classical Hodgkin lymphoma with granulomas
Texas, Crystal Beach - Warthin tumor with oncocyctic proliferation
Wisconsin, Cross Plains (Medical Assessment and Consultation, S.C.) - Lymph node with non-caseating granulomata; r/o sarcoidosis vs infection
Wisconsin, Milwaukee (Medical College of Wisconsin) - Toxoplasma lymphadenitis vs. lymphoma
Australia (Royal Prince Alfred Hospital) - Lymphadenitis, favor toxoplasmosis (correlate with toxoplasma & viral serology)
Australia (St. Vincent's Hospital) - Lymphocyte-rich classical Hodgkin lymphoma
Canada (Pasqua Hospital) - Granulomatous lymphadenitis
Canada (University of Sherbrooke) - Toxoplasma lymphadenitis (piringer kuchinka lymphadenitis)
Ireland (Connelly Hospital) - 10 Toxoplasmosis
Japan (Asahi General Hospital) - Toxoplasma lymphadenitis
Japan, Setagaya-Ku - Malignant lymphoma
Puerto Rico (University of Puerto Rico) - Rosai Dorfman/Toxoplasmosis/rule out cytomegalovirus/rule out lymphoma
Saudi Arabia (King Fahad Hospital Hofuf) – Classical Hodgkin's lymphoma with excessive granulomas
Saudi Arabia (King Khalid University Hospital) - Hodgkin's lymphoma
Singapore Freelance/Locum Practice – Granulomatous inflammation
United Kingdom (John Radcliffe Hospital) - Rosai Dorfman Disease vs. Toxoplasmosis

Case 10 - Diagnosis:

Hodgkins lymphoma co-existent with toxoplasmosis lymphadenitis, submandibular region

Director's note: This case was seen in 1976 by Drs. Rappaport, Dorfman, Lukes, and Tindle who all independently called it Hodgkins disease. Several also mentioned the presence of toxoplasmosis. (drc)

Case 10 - References:

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