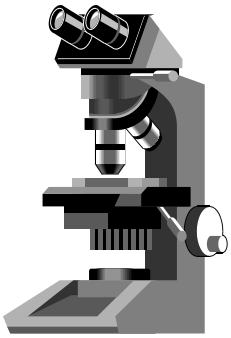
CALIFORNIA
TUMOR TISSUE REGISTRY

DERMATOPATHOLOGY

Minutes – Subscription B

April 2015



SUGGESTED READING (General Topics from Recent Literature):

Liu H. Application of Immunohistochemistry in Breast Pathology: A Review and Update. *Arch Pathol Lab Med* 2014;138 (December): 1629-1642.

Schink JC, Trosman JR, et al. Biomarker Testing for Breast, Lung, and Gastroesophageal Cancers at NCI Designated Cancer Centers. *J Natl Cancer Inst* 2014;106 (October8):1-11.

Alomari AK, Glusac EJ, McNiff JM. p40 is a More Specific Marker Than p63 for Cutaneous Poorly Differentiated Squamous Cell Carcinoma. *J Cutan Pathol* 2014;41 (November):839-845.

Zhang XM, Aguilera N. New Immunohistochemistry for B-Cell Lymphoma and Hodgkin Lymphoma. *Arch Pathol Lab Med* 2014;138 (December):1666-1672.

Karon BS, Tolan NV, et al. Precision and Reliability of 5 Platelet Function Tests in Healthy Volunteers and Donors on Daily Antiplatelet Agent Therapy. *Clin Chem* 2014;60 (December):1524-1531.

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FILE DIAGNOSES

CTTR Subscription B April 2015

Case 1:
Keloid, ear

Case 2:
Proliferating trichilemmal (pilar) tumor, neck

Case 3:
Dermal cylindroma, shoulder

Case 4:
Condylomatous squamous cell carcinoma, perineum

Case 5:
Merkel cell carcinoma, leg

Case 6:
Acral lentiginous melanoma, heel

Case 7:
Metastatic malignant melanoma, thigh

Case 8:
Myxoid leiomyosarcoma, scalp

Case 9:
Adenocarcinoma with apocrine features (apocrine adenocarcinoma), axilla

Case 10:
Atypical lymphoproliferation, likely lymphoma, skin of neck

Glendale - Keloid
San Francisco (UCSF) - Angiofibroma
Torrance (Harbor UCLA) - Keloid
Alabama, Birmingham – Keloid
Connecticut, Danbury - Keloid
Delaware (Armed Forces Medical Examiner System) - Keloid
Georgia, Atlanta - Keloidal scar
Illinois (Heartland Regional Medical Center) - Keloid
Kansas (Peterson Laboratory Services) - Keloid
Maryland(University of Maryland) - Keloid
Mississippi (University of Mississippi) - Leiomyoma
New York (University of Rochester - Keloid
New York (University of Buffalo Residents) - Keloid
Ohio, Toledo (University of Toledo - Keloid
Pennsylvania (Drexel University College of Medicine) Residents) - Keloid
Puerto Rico (University of Puerto Rico) - Keloid
Tennessee, Knoxville - Keloid
Texas, Crystal Beach - Angioma
Texas, Lubbock - Keloid
Australia (Royal Prince Alfred Hospital) - Keloid scar
Canada (Royal Alexandra Hospital) - Keloid scar
India (Sri Siddhartha Medical College) - Keloid, bilateral external ear
Japan - Keloid
Japan (Asahi General Hospital) - Keloid
Japan (Lions Mansion) - Keloid

Case 1 - Diagnosis:
Keloid, ear

Case 1 - References:
New insights on keloids, hypertrophic scars, and striae.
Dermatol Clin 2014 Apr;32(2): p193-209
Ud-Din S; Bayat A

Deep and superficial keloid fibroblasts contribute differentially to tissue phenotype in a novel in vivo model of keloid scar.
Plast Reconstr Surg 2012 Jun;129(6): p1259-71
Supp DM; Hahn JM, et al.

Patient-related keloid scar assessment and outcome measures.
Plast Reconstr Surg 2012 Mar;129(3): p648-56
Nicholas RS; Falvey H, et al.

The natural history and spontaneous resolution of keloid scars.
J Plast Reconstr Aesthet Surg 2014 Jan;67(1): p87-92
Smith OJ; McGrouther DA

Intralesional treatment for keloids and hypertrophic scars: a review.
Dermatol Surg 2013 Dec;39(12): p1745-57
Ledon JA; Savas J, et al.

Glendale - Proliferating pilar tumor
San Francisco (UCSF) - Pilomatrixoma
Torrance (Harbor UCLA) – Proliferating pilar tumor
Alabama, Birmingham – Proliferative Trichilemmal Tumor
Connecticut, Danbury - Pilomatrixoma
Delaware (Armed Forces Medical Examiner System) - Proliferating pilar tumor
Georgia, Atlanta - Proliferating pilar tumor
Illinois (Heartland Regional Medical Center) - Proliferating trichilemmal tumor
Kansas (Peterson Laboratory Services) - Proliferating pilar tumor
Maryland (University of Maryland) – Proliferating trichilemmal tumor
Mississippi (University of Mississippi) - Pilomatrixoma
New York (University of Rochester) – Proliferating pilar tumor
New York (University of Buffalo Residents) - Acantholytic squamous cell carcinoma
Ohio, Toledo (University of Toledo – Proliferating trichilemmal cyst/tumor
Pennsylvania (Drexel University College of Medicine) Residents) - Proliferating trichilemmal cyst
Puerto Rico (University of Puerto Rico) – Proliferating trichilemmal cyst
Tennessee, Knoxville - Proliferating pilar cyst
Texas, Crystal Beach - Molluscum contagiosum
Texas, Lubbock - Calcifying epithelioma
Australia (Royal Prince Alfred Hospital) - Proliferating trichilemmal cyst
Canada (Royal Alexandra Hospital) - Proliferating trichilemmal cyst
India (Sri Siddhartha Medical College) - Proliferating trichilemmal tumor, back of the neck
Japan – Verrucous Carcinoma
Japan (Asahi General Hospital) - Proliferating pilar tumor
Japan (Lions Mansion) – Proliferating trichilemmal tumor

Case 2 - Diagnosis:

Proliferating trichilemmal (pilar) tumor, neck

Case 2 - References:

Management of trichilemmal carcinoma: an update and comprehensive review of the literature.
Dermatol Surg 2014 Jul;40(7): p711-7
Hamman MS; Brian Jiang SI

Morphological spectrum of pilar cysts.
N Am J Med Sci 2013 Feb;5(2): p124-8
Ramaswamy AS; Manjunatha HK, et al.

Proliferating trichilemmal cyst: the value of ki67 immunostaining.
Int J Trichology 2013 Jul;5(3): p115-7
Rangel-Gamboa L; Reyes-Castro M, et al.

Hereditary trichilemmal cysts: a proposal for the assessment of diagnostic clinical criteria.
Clin Genet 2013 Jul;84(1): p65-9
Seidenari S; Pellacani G, et al.

Recurrent proliferating trichilemmal tumor of the vulva: a case report.
J Low Genit Tract Dis 2013 Jan;17(1): p71-4
Moraloglu O; Gungor T, et al.

Glendale - Cylindroma
San Francisco (UCSF) - Cylindroma
Torrance (Harbor UCLA) - Cylindroma
Alabama, Birmingham - Cylindroma
Connecticut, Danbury - Cylindroma
Delaware (Armed Forces Medical Examiner System) - Cylindroma
Georgia, Atlanta - Cylindroma
Illinois (Heartland Regional Medical Center) - Cylindroma
Kansas (Peterson Laboratory Services) - Cylindroma
Maryland (University of Maryland) - Cylindroma
Mississippi (University of Mississippi) Cylindroma
New York (University of Rochester) - Cylindroma
New York (University of Buffalo Residents) - Cylindroma
Ohio, Toledo (University of Toledo - Cylindroma
Pennsylvania (Drexel University College of Medicine) Residents) - Cylindroma
Puerto Rico (University Of Puerto Rico) - Cylindroma
Tennessee, Knoxville - Dermal Cylindroma
Texas, Crystal Beach - Basal cell carcinoma
Texas, Lubbock - Trichoepithelioma
Australia (Royal Prince Alfred Hospital) - Cylindroma
Canada (Royal Alexandra Hospital) - Cylindroma
India (Sri Siddhartha Medical College) - Basal cell adenoma, right shoulder mass
Japan – Melanoacanthoma
Japan (Asahi General Hospital) - Sebaceous epithelioma
Japan (Lions Mansion) – Dermal cylindroma

Case 3 - Diagnosis:

Dermal cylindroma, shoulder

Case 3 - References:

Cylindroma of head and neck: review of the literature and report of two rare cases.
J Craniomaxillofac Surg 2013 Sep;41(6): p516-21
Singh DD; Naujoks C, et al.

Malignant cylindroma of the scalp with multiple cervical lymph node metastasis-A case report.
Int J Surg Case Rep 2013;4(7): p589-92
Akgul GG; Yenidogan E, et al.

Dermatoscopic pattern of a cylindroma.
Dermatol Pract Concept 2014 Jan;4(1): p67-8
Cohen YK; Elpern DJ

Brooke-Spiegler syndrome associated with cylindroma, trichoepithelioma and eccrine spiradenoma.
Int J Dermatol 2013 Dec;52(12): p1602-4
Chen M; Liu H, et al.

Glendale - Keratoacanthoma
San Francisco (UCSF) - Giant condyloma of Buschke-Lowenstein
Torrance (Harbor UCLA) – Verrucous carcinoma
Alabama, Birmingham – Malignant pilar Tumor
Connecticut, Danbury – Squamous cell carcinoma, verrucous type
Delaware (Armed Forces Medical Examiner System) - Keratinizing squamous cell carcinoma
Georgia, Atlanta - Condylomatous squamous cell carcinoma
Illinois (Heartland Regional Medical Center) - Well-differentiated squamous cell carcinoma
Kansas (Peterson Laboratory Services) - Papillary squamous cell carcinoma
Maryland, University of Maryland) – Invasive well differentiated squamous cell carcinoma arising in a condyloma
Mississippi (University of Mississippi) - Squamous cell carcinoma, well-differentiated, with focal invasion
New York (University of Rochester) – Squamous cell carcinoma
New York (University of Buffalo Residents) - Squamous cell carcinoma
Ohio, Toledo (University of Toledo – Invasive squamous cell carcinoma
Pennsylvania (Drexel University College of Medicine) Residents) - Well-differentiated squamous cell carcinoma
Puerto Rico (University of Puerto Rico) – Verrucous squamous cell carcinoma well differentiated keratinizing / warty carcinoma
Tennessee, Knoxville - Squamous cell carcinoma
Texas, Crystal Beach - Squamous cell carcinoma, verrucous
Texas, Lubbock - Well-differentiated squamous cell carcinoma with HPV effects
Australia (Royal Prince Alfred Hospital) - Squamous cell carcinoma
Canada (Royal Alexandra Hospital) - Verrucous carcinoma
India (Sri Siddhartha Medical College) - Squamous cell carcinoma, perineum mass
Japan – Squamous cell carcinoma
Japan (Asahi General Hospital) - Condyloma acuminatum
Japan (Lions Mansion) – Squamous cell carcinoma

Case 4 - Diagnosis:

Condylomatous squamous cell carcinoma, perineum

Case 4 - References:

Coexisting high-grade vulvar intraepithelial neoplasia (VIN) and condyloma acuminatum: independent lesions due to different HPV types occurring in immunocompromised patients.
Am J Surg Pathol 2013 Jan;37(1): p53-60
Maniar KP; Ronnett BM, et al.

Verrucous carcinoma arising in an extended giant condyloma acuminatum (Buschke-Lowenstein tumor): a case report and review of the literature.
J Med Case Rep 2013;7:273
Ahsaini M; Tahiri Y, et al.

Squamous neoplasia of the scrotum: a series of 29 cases.
Am J Surg Pathol 2014 Jul;38(7): p973-81
Matoso A; Ross HM, et al.

Prevalence of abnormal anal cytology and high-grade squamous intraepithelial lesions among a cohort of HIV-infected men who have sex with men.
Dis Colon Rectum 2014 Apr;57(4): p475-81
Sendagorta E; Herranz P, et al.

Glendale - Merkel cell carcinoma
San Francisco (UCSF) - Merkel cell carcinoma
Torrance (Harbor UCLA) – Merkel cell carcinoma
Alabama, Birmingham – Merkel cell Carcinoma
Connecticut, Danbury – Merkel cell carcinoma
Delaware (Armed Forces Medical Examiner System) - Merkel cell carcinoma
Georgia, Atlanta - Merkel cell carcinoma
Illinois (Heartland Regional Medical Center) - Merkel cell carcinoma
Kansas (Peterson Laboratory Services) - Merkel cell carcinoma
Maryland (University of Maryland) – Merkel cell carcinoma
Mississippi (University of Mississippi) - Merkel cell carcinoma
New York (Unversity of Rochester) – Merkel cell carcinoma
New York (University of Buffalo Residents) - Merkel cell carcinoma
Ohio, Toledo (University of Toledo – Merkel cell carcinoma
Pennsylvania (Drexel University College of Medicine) Residents) - Merkel cell carcinoma
Puerto Rico (University of Puerto Rico) – Merkel cell carcinoma
Tennessee, Knoxville - Merkel cell carcinoma
Texas, Crystal Beach - Merkel cell carcinoma
Texas, Lubbock - Merkel cell tumor
Australia (Royal Prince Alfred Hospital) - Merkel cell carcinoma
Canada (Royal Alexandra Hospital) - Merkel cell carcinoma
India (Sri Siddhartha Medical College) - Merkel cell carcinoma, right knee mass
Japan – Merkel cell Carcinoma
Japan (Asahi General Hospital) - Merkel cell carcinoma
Japan (Lions Mansion) – Merkel cell carcinoma

Case 5 - Diagnosis:
Merkel cell carcinoma, leg

Case 5 - References:

Transformation of Merkel cell carcinoma to ganglioneuroblastoma in intracranial metastasis.
Hum Pathol 2014 Sep;45(9): p1978-81
Lach B; Joshi SS, et al.

The role of sentinel lymph node biopsy in patients with merkel cell carcinoma: uncertainty prevails.
Ann Surg Oncol 2014 May;21(5): p1517-9
Thompson JF; Hruby G

Merkel cell carcinoma (primary neuroendocrine carcinoma of skin) mimicking basal cell carcinoma with review of different histopathologic features.
Am J Dermatopathol 2014 Feb;36(2): p160-6
Succaria F; Radfar A; Bhawan J

Multiple clustered nodules on the leg. Diagnosis: Merkel cell carcinoma.
J Clin Oncol 2014 Jun 10;32(17): pe61-2
Bassi A; Arunachalam M, et al.

Merkel cell carcinoma of the lower limb.
G Ital Dermatol Venereol 2014 Jun;149(3): p378-81
De Paola M; Poggiali S, et al.

Glendale - Melanoma
San Francisco (UCSF) - Melanoma
Torrance (Harbor UCLA) – Malignant Melanoma
Alabama, Birmingham – Melanoma
Connecticut, Danbury – Malignant melanoma (Desmoplastic type
Delaware (Armed Forces Medical Examiner System) - Malignant melanoma, spindle cell type
Georgia, Atlanta - Acral lentiginous melanoma
Illinois (Heartland Regional Medical Center) - Malignant melanoma
Kansas (Peterson Laboratory Services) - Acral malignant melanoma
Maryland (University of Maryland) – Acral lentiginous melanoma
Mississippi (University of Mississippi) - Melanoma, spindle cell type
New York (University of Rochester) – Melanoma (Spindle melanoma)
New York (University of Buffalo Residents) - Malignant melanoma
Ohio, Toledo (University of Toledo – Malignant melanoma
Pennsylvania (Drexel University College of Medicine) Residents) - Acral melanoma
Puerto Rico (University of Puerto Rico) – Spindle cell melanoma
Tennessee, Knoxville - Spindle cell melanoma
Texas, Crystal Beach - Melanoma
Texas, Lubbock - Malignant melanoma
Australia (Royal Prince Alfred Hospital) - Melanoma
Canada (Royal Alexandra Hospital) - Acral lentiginous melanoma
India (Sri Siddhartha Medical College) - Amelanotic melanoma, left heel mass
Japan – Malignant melanoma
Japan (Asahi General Hospital) - Malignant melanoma
Japan (Lions Mansion) – Malignant melanoma

Case 6 - Diagnosis:

Acral lentiginous melanoma, heel

Case 6 - References:

Acral lentiginous melanoma: indolent subtype with long radial growth phase.
Am J Dermatopathol 2014 Feb;36(2): p142-7
Kim JY; Choi M, et al.

The importance of wound biopsy in the accurate diagnosis of acral malignant melanoma presenting as a foot ulcer.
Int J Low Extrem Wounds 2013 Dec;12(4): p289-92
Yin NC; Miteva M, et al.

A clinicopathologic analysis of 177 acral melanomas in Koreans: relevance of spreading pattern and physical stress.
JAMA Dermatol 2013 Nov;149(11): p1281-8
Jung HJ; Kweon SS, et al.

Long-term treatment outcome after only popliteal lymph node dissection for nodal metastasis in malignant melanoma of the heel: the only "interval node" dissection can be an adequate surgical treatment.
Case Rep Oncol Med 2013;2013:259326
Tanaka K; Mori H, et al.

Glendale - Epithelioid sarcoma
San Francisco (UCSF) - Sebaceous carcinoma
Torrance (Harbor UCLA) – Malignant melanoma
Alabama, Birmingham – Signet Ring Carcinoma
Connecticut, Danbury – Clear cell sarcoma
Delaware (Armed Forces Medical Examiner System) - Metastatic carcinoma with signet ring cell features
Georgia, Atlanta - Clear cell sarcoma
Illinois (Heartland Regional Medical Center) - Poorly differentiated malignant neoplasm
Kansas (Peterson Laboratory Services) - Metastatic clear cell sarcoma
Maryland (University of Maryland) – Metastatic malignant melanoma
Mississippi (University of Mississippi) - Metastatic signet ring cell carcinoma
New York (University of Rochester) - Melanoma
New York (University of Buffalo Residents) - Clear cell sarcoma
Ohio, Toledo (University of Toledo – Malignant epithelioid neoplasm, favor extrarenal rhabdooid tumor
Pennsylvania (Drexel University College of Medicine) Residents) - Melanoma
Puerto Rico (University of Puerto Rico) – Metastatic tumor, melanoma, signet ring cell carcinoma, metastatic breast lobular carcinoma
Tennessee, Knoxville - Melanoma
Texas, Crystal Beach - Signet ring adenocarcinoma, probably metastatic
Texas, Lubbock - Metastatic adenocarcinoma
Australia (Royal Prince Alfred Hospital) - Metastatic melanoma
Canada (Royal Alexandra Hospital) - Metastatic carcinoma
India (Sri Siddhartha Medical College) - Metastatic adenocarcinomatous deposits, signet ring cells, thigh
Japan – Malignant melanoma
Japan (Asahi General Hospital) - Merkel cell carcinoma
Japan (Lions Mansion) – Metastatic tumor, possible metastatic melanoma

Case 7 - Diagnosis:

Metastatic malignant melanoma, thigh

Case 7 - References:

Treatment for metastatic malignant melanoma: old drugs and new strategies.
Crit Rev Oncol Hematol 2010 Apr;74(1): p27-39
Mouawad R; Sebert M, et al.

Ground-glass nodules found in two patients with malignant melanomas: different growth rate and different histology.
Clin Imaging 2010 Sep-Oct;34(5): p396-9
Kang MJ; Kim MA, et al.

Angiogenic fast-growing melanomas and their micrometastases.
Eur J Dermatol 2010 May-Jun;20(3): p302-7
Quatresooz P; Pierard-Franchimont C, et al.

Metastatic malignant melanoma presenting as pancytopenia in a three-year-old boy.
Pediatr Blood Cancer 2005 Jul;45(1): p60-3
Spiller SE; Hawkins DS, et al.

Current and future directions in the treatment of metastatic malignant melanoma.
Curr Med Chem Anticancer Agents 2003 Nov;3(6): p393-8
Baron JM; Heise R, et al.

Loss of S100 antigenicity in metastatic melanoma.
Hum Pathol 2005 Sep;36(9): p1016-9
Aisner DL; Maker A, et al.

Malignant melanoma with neuroendocrine differentiation: clinical, histological, immunohistochemical and ultrastructural features of three cases.
Histopathology 2005 Oct;47(4): p402-9

Eyden B; Pandit D; Banerjee SS

Case No. 8, Accession No. 31573 April 2015

Glendale - Atypical fibroxanthoma
San Francisco (UCSF) - Atypical fibroxanthoma
Torrance (Harbor UCLA) – Atypical fibrous histiocytoma/Atypical fibroxanthoma
Alabama, Birmingham – Leiomyosarcoma
Connecticut, Danbury – Atypical fibroxanthoma/undifferentiated pleomorphic sarcoma
Delaware (Armed Forces Medical Examiner System) - Leiomyosarcoma
Georgia, Atlanta - Leiomyosarcoma
Illinois (Heartland Regional Medical Center) - Spindle cell malignant neoplasm favor leiomyosarcoma
Kansas (Peterson Laboratory Services) - Pleomorphic dermal sarcoma
Mississippi (University of Mississippi) - Atypical fibroxanthoma (AFX)
Maryland (University of Maryland) – Atypical fibroxanthoma
New York (University of Rochester) – Atypical fibroxanthoma
New York (University of Buffalo Residents) - Leiomyosarcoma
Ohio, Toledo (University of Toledo – Myxofibrosarcoma, high grade
Pennsylvania (Drexel University College of Medicine) Residents) - Atypical fibroxanthoma
Puerto Rico (University of Puerto Rico) – Atypical fibroxanthoma
Tennessee, Knoxville - Spindle cell atypical fibroxanthoma
Texas, Crystal Beach - Leiomyoma, atypical
Texas, Lubbock - Leiomyosarcoma
Australia (Royal Prince Alfred Hospital) - Leiomyosarcoma
Canada (Royal Alexandra Hospital) - Atypical fibroxanthoma
India (Sri Siddhartha Medical College) - Myxoid leiomyosarcoma, scalp
Japan – Rhabdomyomatous mesenchymal hamartoma
Japan (Asahi General Hospital) - Leiomyosarcoma
Japan (Lions Mansion) - Leiomyosarcoma

Case 8 - Diagnosis:
Myxoid leiomyosarcoma, scalp

Case 8 - References:
Primary cutaneous leiomyosarcoma: a clinicopathological and immunohistochemical study of 7 cases.
Int J Surg Pathol 2004 Jan;12(1): p39-44
Bellezza G; Sidoni A, et al.

Cutaneous leiomyosarcoma.
Plast Reconstr Surg 2002 Mar;109(3): p964-7
Porter CJ; Januszkiewicz JS

Metastatic cutaneous leiomyosarcoma from primary neoplasm of the mesentery.
Int J Dermatol 2001 Aug;40(8): p527-9
Kim KJ; Lee WS, et al.

Cutaneous smooth muscle neoplasms: clinical features, histologic findings, and treatment options.
J Am Acad Dermatol 2002 Apr;46(4): p477-90; quiz, 491-4
Holst VA; Junkins-Hopkins JM; Elenitsas R

Cutaneous metastasis: a clinical, pathological, and immunohistochemical appraisal.
J Cutan Pathol 2004 Jul;31(6): p419-30
Saeed S; Keehn CA; Morgan MB

Glendale - Adenocarcinoma
San Francisco (UCSF) - Adenocarcinoma, favor metastatic
Torrance (Harbor UCLA) – Skin Adnexal adenocarcinoma
Alabama, Birmingham – Melanoma
Connecticut, Danbury – Adenocarcinoma, sweat gland vs metastatic mammary
Delaware (Armed Forces Medical Examiner System) - Metastatic adenocarcinoma, favor prostatic origin
Georgia, Atlanta - Apocrine carcinoma
Illinois (Heartland Regional Medical Center) - Adenocarcinoma (cutaneous adnexal carcinoma vs. metastatic adenocarcinoma)
Kansas (Peterson Laboratory Services) - Invasive sweat gland carcinoma
Mississippi (University of Mississippi) - Carcinoma with cribriform features
Maryland (University of Maryland) – Adenocarcinoma favor metastatic
New York (University of Rochester) – Adenocarcinoma, favor metastatic
New York (University of Buffalo Residents) - Malignant melanoma
Ohio, Toledo (University of Toledo – Microcystic adnexal carcinoma
Pennsylvania (Drexel University College of Medicine) Residents) - Eccrine carcinoma
Puerto Rico (University of Puerto Rico) – Adenocarcinoma, adenoid cystic vs tubular vs metastatic
Tennessee, Knoxville - Melanoma vs metastatic visceral malignancy
Texas, Crystal Beach - Sweat gland adenocarcinoma
Texas, Lubbock - Sweat gland adenocarcinoma
Australia (Royal Prince Alfred Hospital) - Invasive ductal carcinoma
Canada (Royal Alexandra Hospital) - Ductal eccrine carcinoma
India (Sri Siddhartha Medical College) - Tubular carcinoma/spiradenocarcinoma, axillary
Japan – Malignant melanoma
Japan (Asahi General Hospital) - Adenoid cystic carcinoma
Japan (Lions Mansion) – Apocrine adenocarcinoma

Case 9 - Diagnosis:

Adenocarcinoma with apocrine features (apocrine adenocarcinoma), axilla

Case 9 - References:

Axillary apocrine carcinoma with benign apocrine tumours: a case report involving a pathological and immunohistochemical study and review of the literature.
J Clin Pathol 2005 Jul;58(7): p757-61
Miyamoto T; Hagari Y, et al.

Androgen and estrogen receptor mRNA status in apocrine carcinomas.
Diagn Mol Pathol 2002 Jun;11(2): p113-8
Bratthauer GL; Lininger RA, et al.

A case of ductal apocrine carcinoma in the left axilla with tubular apocrine adenoma in the right axilla.
J Dermatol 2003 Jan;30(1): p72-5
Amo Y; Kawano N

Apocrine cystadenoma of the axillary tail of the breast.
Breast J 2013 Jan-Feb;19(1): p109-10
Junainah E; Khayat H, et al.

Cutaneous apocrine adenocarcinoma: defining epidemiology, outcomes, and optimal therapy for a rare neoplasm.
J Surg Oncol 2012 Mar 15;105(4): p415-9
Hollowell KL; Agle SC, et al.

Apocrine (cutaneous) sweat gland carcinoma of axilla with signet ring cells: a diagnostic dilemma on fine-needle aspiration cytology.
Diagn Cytopathol 2008 Oct;36(10): p739-41
Pai RR; Kini JR, et al.

Secretory carcinoma in the axilla: probable origin from axillary skin appendage glands in a young girl.
Am J Surg Pathol 2009 Jun;33(6): p950-3

Brandt SM; Swistel AJ; Rosen PP

Axillary apocrine carcinoma with brain metastases.
J Clin Oncol 2007 Dec 10;25(35): p5655-6
Gallerani E; Ciriolo M, et al.

Case No. 10, Accession No. 26835 April 2015

Glendale - Lymphoma
San Francisco (UCSF) - Lymphoma, favor primary cutaneous follicular cell lymphoma
Torrance (Harbor UCLA) – Primary cutaneous follicle center lymphoma
Alabama, Birmingham – Cutaneous NH lymphoma
Connecticut, Danbury - Lymphoma
Delaware (Armed Forces Medical Examiner System) - Cutaneous lymphoma
Georgia, Atlanta - Malignant lymphoma
Illinois (Heartland Regional Medical Center) - Malignant lymphoma
Kansas (Peterson Laboratory Services) - Lymphoproliferative disorder, low grade
Maryland (University of Maryland)– Atypical lymphoid infiltrate favor lymphoma
Mississippi (University of Mississippi) - Atypical lymphoproliferation
New York (University of Rochester) – Low-grade B cell lymphoma
New York (University of Buffalo Residents) - Marginal zone lymphoma
Ohio, Toledo (University of Toledo – Lymphoma, needs flow cytometry analysis
Pennsylvania (Drexel University College of Medicine) Residents) - Lymphoma (MALT)
Puerto Rico (University of Puerto Rico) – Lymphomatoid papillomatosis vs lymphoma
Tennessee, Knoxville - Atypical lymphoid proliferation suspect low grade B cell lymphoma need ancillary studies
Texas, Crystal Beach - Lymphoma small lymphocytic cell type
Texas, Lubbock - Low grade follicular lymphoma
Australia (Royal Prince Alfred Hospital) - Marginal zone lymphoma
Canada (Royal Alexandra Hospital) - Lymphoma
India (Sri Siddhartha Medical College) - Cutaneous NHL, right neck
Japan – Malignant Melanoma
Japan (Asahi General Hospital) - MALT lymphoma
Japan (Lions Mansion) – Malignant lymphoma

Case 10 - Diagnosis:

Atypical lymphoproliferation, likely lymphoma, skin of neck

Director's note: Case was donated to the CTTR in 1990 by a prominent Southern California Institute that called it a pseudolymphoma. Immunos were not performed. There is no follow-up. (drc)

Case 10 - References:

Benign lymphoid hyperplasia (pseudolymphoma) of soft tissue.
Hum Pathol 2011 Nov;42(11): p1813-8
McElroy MK; Kulidjian AA, et al.

Cutaneous pseudolymphoma localized to black tattoo.
J Am Acad Dermatol 2011 Nov;65(5): pe155-7
Campolmi P; Bassi A, et al.

Pseudoclonality in cutaneous pseudolymphomas: a pitfall in interpretation of rearrangement studies.
Br J Dermatol 2008 Aug;159(2): p394-402
Boer A; Tirumalae R, et al.

[Pseudolymphoma of the skin: ambiguous terminology: a survey among dermatologists and pathologists]

Ann Dermatol Venereol 2013 Feb;140(2): p105-11
Levy E; Godet J; Cribier B, et al.

Cutaneous pseudolymphoma: a case report with an immunohistochemical study.
Int J Clin Exp Pathol 2013;6(5): p966-72
Terada T

Early neoplastic lymphoid lesions.
Semin Diagn Pathol 2013 May;30(2): p146-55
Carvajal-Cuenca A; Campo E