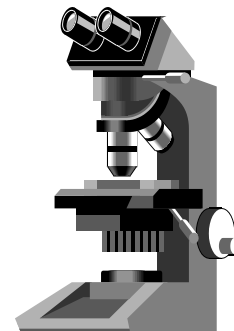


CALIFORNIA  
TUMOR TISSUE REGISTRY

## *SOFT TISSUE PATHOLOGY*

Minutes – Subscription B

January 2014



### **SUGGESTED READING (General Topics from Recent Literature):**

- Argentieri MC, Pilla D, et al. Antibodies are forever. A study using 12-26-year-old expired antibodies. *Histopath* 2013; 63:869-876.
- Delahunt B, Cheville JC, et al. The international society of urological pathology (ISUP grading system for renal cell carcinoma and other prognostic parameters. *Am J Surg Pathol* 2013; 37:1490-1504.
- Doyle LA, Hornick JL, Fletcher CD. PEcoma of the gastrointestinal tract: Clinicopathologic study of 35 cases with evaluation of prognostic parameters. *Am J Surg Pathol* 2013; 37:1769-1782.
- Moreira AL. Subtyping of Pulmonary adenocarcinoma in cytologic specimens: The next challenge. *Cancer Cytopathol* 2013; August 13: epub ahead of print.
- Kim MJ, Lee EJ, et al. Traditional serrated adenoma of the colorectum: Clinicopathologic implications and endoscopic findings of the precursor lesions. *Am J Clin Pathol* 2013; 140:898-911.

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  
(909) 558-4788  
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Web site & Case of the Month: [www.cttr.org](http://www.cttr.org)

## **FILE DIAGNOSES**

**CTTR Subscription B**

**January 2014**

**Case 1:**

Extra-abdominal fibromatosis (“desmoid tumor”), chest

**Case 2:**

Dermatofibrosarcoma protuberans (DSFP) with fibrosarcomatous transformation (fibrosarcomatous DFSP), leg

**Case 3:**

Rhabdomyoma (adult type), neck

**Case 4:**

Mammary-type myofibroblastoma, groin

**Case 5:**

Angiosarcoma, breast

**Case 6:**

Kaposi sarcoma, foot

**Case 7:**

Myxoid/round cell liposarcoma, heel

**Case 8:**

Neurofibroma, posterior mediastinum

**Case 9:**

Schwannoma, neck

**Case 10:**

Ganglioneuroma (maturation of a ganglioneuroblastoma), para-spinal

Glendale - Desmoid tumor  
San Diego (Naval Medical Center) - Desmoid/fibromatosis  
Delaware (Armed Forces Medical Examiner System) - Fibromatosis  
Florida (Munroe Regional) - Proliferative myositis  
Georgia, Atlanta - Fibromatosis (Gardner's)  
Illinois (Heartland Regional Medical Center) - Extra-abdominal fibromatosis  
Illinois (Northwestern University) - Fibromatosis  
Illinois, Oak Brook - Extra-abdominal fibromatosis  
Kansas (Peterson Laboratory Services) - Fibromatosis  
Maryland (University of Maryland) - Desmoid fibromatosis  
Ohio (The University of Toledo Medical Center) - Desmoid fibromatosis  
Oregon (Oregon Health and Science University) - Desmoid type fibromatosis  
Puerto Rico (University of Puerto Rico) - Desmoid fibromatosis  
Tennessee, Knoxville - Desmoid tumor  
Texas (Anderson Cancer Center) - Fibromatosis  
Texas, Lubbock - Desmoid tumor  
Wisconsin (Medical Assessment and Consultation, S.C.) - Aggressive extra-abdominal fibromatosis  
Canada (Pasqua Hospital) - Fibromatosis  
Canada (Royal Alexandra Hospital) - Desmoid type fibromatosis  
Ireland (Connelly Hospital) - Fibromatosis  
Japan (Asahi General Hospital) - Desmoid tumor (1); Desmoid-type fibromatosis (1)  
United Kingdom (John Radcliffe Hospital) - Fibromatosis

**Case 1 - Diagnosis:**

Extra-abdominal fibromatosis ("desmoid tumor"), chest

**Case 1 - References:**

Chest wall spindle cell fibromatosis after breast augmentation.

*Plast Reconstr Surg* 2010; Aug;126(2): p94e-5e.

Henderson PW; Singh SP, et al.

Extra-abdominal desmoid tumors: a report of 234 cases.

*J Surg Oncol* 2010; Oct 1;102(5): p380-4.

Mankin HJ; Hornicek FJ; Springfield DS.

Prognostic factors in desmoid-type fibromatosis: a clinicopathological and immunohistochemical analysis of 46 cases.

*Pathology* 2010; Feb;42(2): p147-50.

Huang PW; Tzen CY.

Fine-needle aspiration cytology and core needle biopsy in the preoperative diagnosis of desmoid tumors.

*Acta Orthop* 2006 Dec;77(6): p926-31.

Dalen BP; Meis-Kindblom JM, et al.

c-Kit expression in desmoid fibromatosis. Comparative immunohistochemical evaluation of two commercial antibodies.

*Am J Clin Pathol* 2003; Mar;119(3): p339-45.

Lucas DR; al-Abbadi M, et al.

Aggressive fibromatosis (desmoid tumors): definition, occurrence, pathology, diagnostic problems, clinical behavior, genetic background.

*Pol J Pathol* 2006;;57(1): p5-15.

Ferenc T; Sygut J, et al.

Glendale - MFH

San Diego (Naval Medical Center) - DFSP

Delaware (Armed Forces Medical Examiner System) - Low grade myxoid neoplasm, favor myxofibrosarcoma

Florida (Munroe Regional) - Fibrosarcoma

Georgia, Atlanta - Dermatofibrosarcoma protuberans

Illinois (Heartland Regional Medical Center) - Spindle cell sarcoma, favor MFH

Illinois (Northwestern University) - MPNST (low grade)

Illinois, Oak Brook - MPNST

Kansas (Peterson Laboratory Services) - Fibrosarcoma

Maryland (University of Maryland) - Atypical DFSP vs. MFH; perform cytogenetics for t(17;22)

Ohio (The University of Toledo Medical Center) - Fibrosarcoma

Oregon (Oregon Health and Science University) - Unclassified spindle cell sarcoma, high grade

Puerto Rico (University of Puerto Rico) - Adult type fibrosarcoma

Tennessee, Knoxville - Myxofibrosarcoma

Texas (Anderson Cancer Center) - Osteosarcoma spindled type/vs fibrosarcoma with osteoid

Texas, Lubbock - Dermatofibrosarcoma protuberans

Wisconsin (Medical Assessment and Consultation, S.C.) - Spindle cell malignant neoplasm

Canada (Pasqua Hospital) - Myxofibrosarcoma

Canada (Royal Alexandra Hospital) - Intermediate grade spindle cell sarcoma favor leiomyosarcoma

Ireland (Connelly Hospital) - Leiomyosarcoma

Japan (Asahi General Hospital) - Undifferentiated pleomorphic sarcoma (1); Non-ossifying fibroma (1)

United Kingdom (John Radcliffe Hospital) - Fibroblastic sarcoma (fibrosarcoma)

**Case 2 - Diagnosis:**

Dermatofibrosarcoma protuberans (DFSP) with fibrosarcomatous transformation  
("fibrosarcomatous DFSP"), leg

**Case 2 - References:**

Aspiration cytology of fibrosarcomatous variant of dermatofibrosarcoma protuberans with osteoclast-like giant cells in the chest wall: a case report.

*Acta Cytol* 2005; Nov-Dec;49(6): p644-9.

Kim L; Park IS, et al.

Metastatic potential of dermatofibrosarcoma protuberans with fibrosarcomatous change.

*J Surg Oncol* 2003; Mar;82(3): p201-8.

Minter RM; Reith JD; Hochwald SN.

Congenital dermatofibrosarcoma protuberans with fibrosarcomatous and myxoid change.

*J Clin Pathol* 2005; Sep;58(9): p984-6.

Gu W; Ogoose A, et al.

The prognostic significance of fibrosarcomatous transformation in dermatofibrosarcoma protuberans.

*Am J Surg Pathol* 2006; Apr;30(4): p436-43.

Abbott JJ; Oliveira AM; Nascimento AG.

Fine-needle aspiration of primary and recurrent dermatofibrosarcoma protuberans.

*Diagn Cytopathol* 2004; Apr;30(4): p261-5.

Klijanienko J; Caillaud JM; Lagace R.

Glendale - Adult rhabdomyoma  
San Diego (Naval Medical Center) - Rhabdomyoma  
Delaware (Armed Forces Medical Examiner System) - Rhabdomyoma  
Florida (Munroe Regional) - Rhabdomyoma  
Georgia, Atlanta - Adult rhabdomyoma  
Illinois (Heartland Regional Medical Center) - Adult rhabdomyoma  
Illinois (Northwestern University) - Rhabdomyoma (adult type)  
Illinois, Oak Brook - Adult rhabdomyoma  
Kansas (Peterson Laboratory Services) - Rhabdomyoma  
Maryland (University of Maryland) - Adult rhabdomyoma  
Ohio (The University of Toledo Medical Center) - Rhabdomyoma, adult type  
Oregon (Oregon Health and Science University) - Rhabdomyoma  
Puerto Rico (University of Puerto Rico) - Adult rhabdomyoma  
Tennessee, Knoxville - Adult type rhabdomyoma  
Texas (Anderson Cancer Center) - Rhabdomyoma  
Texas, Lubbock - Rhabdomyoma  
Wisconsin (Medical Assessment and Consultation, S.C.) - Adult rhabdomyoma  
Canada (Pasqua Hospital) - Rhabdomyoma  
Canada (Royal Alexandra Hospital) - Rhabdomyoma  
Ireland (Connelly Hospital) - Rhabdomyoma  
Japan (Asahi General Hospital) - Skeletal muscle (1); Adult rhabdomyoma (1)  
United Kingdom (John Radcliffe Hospital) - Rhabdomyoma (adult)

**Case 3 - Diagnosis:**

Rhabdomyoma (adult type), neck

**Case 3 - References:**

Adult extracardiac rhabdomyoma: light and immunohistochemical studies of two cases in the parapharyngeal space.

*Head Neck* 2006; Mar;28(3): p275-9.

Bjorndal Sorensen K, et al.

Rhabdomyoma of the head and neck: clinicopathologic features of two cases.

*Head Neck* 2003; Aug;25(8): p700-4.

Favia G; Lo Muzio L, et al.

Fine-needle aspiration of adult rhabdomyoma: a case report with review of the literature.

*Diagn Cytopathol* 2003; Feb;28(2): p92-5.

McGregor DK; Krishnan B; Green L.

Pitfalls in the diagnosis of adult rhabdomyoma by fine needle aspiration: report of a case and a brief literature review.

*Diagn Cytopathol* 2009; Jul;37(7): p483-6.

Jin B; Saleh H.

Diagnosis of adult rhabdomyoma by fine needle aspiration cytology: a report of 2 cases.

*Acta Cytol* 2010; Sep-Oct;54(5 Suppl): p968-72.

Gupta N; Rajwanshi A, et al.

Glendale - Cellular angiofibroma  
San Diego (Naval Medical Center) - Cellular angiofibroma (angiomyofibroblastoma)  
Delaware (Armed Forces Medical Examiner System) - Solitary fibrous tumor  
Florida (Munroe Regional) - Hemangiosarcoma

Georgia, Atlanta - Solitary fibrous tumor  
Illinois (Heartland Regional Medical Center) - Solitary fibrous tumor/hemangiopericytoma  
Illinois (Northwestern University) - Cellular angiofibroma  
Illinois, Oak Brook - Spindle cell lipoma  
Kansas (Peterson Laboratory Services) - Hemangiopericytoma  
Maryland (University of Maryland) - Solitary fibrous tumor  
Ohio (The University of Toledo Medical Center) - Solitary fibrous tumor  
Oregon (Oregon Health and Science University) - Solitary fibrous tumor  
Puerto Rico (University of Puerto Rico) - Hemangiopericytoma vs. angiomyofibroblastoma-like tumor  
Tennessee, Knoxville - Solitary fibrous tumor  
Texas (Anderson Cancer Center) - Solitary fibrous tumor  
Texas, Lubbock - Solitary fibrous tumor  
Wisconsin (Medical Assessment and Consultation, S.C.) - Solitary fibrous tumor  
Canada (Pasqua Hospital) - Solitary fibrous tumor  
Canada (Royal Alexandra Hospital) - Angiomyofibroblastoma  
Ireland (Connelly Hospital) - Bacillary angiomatosis  
Japan (Asahi General Hospital) - Hemangioma (1); Extra-pleural solitary fibrous tumor (1)  
United Kingdom (John Radcliffe Hospital) - Solitary fibrous tumor

#### **Case 4 - Diagnosis:**

Mammary-type myofibroblastoma, groin

Consultation, Sharon Weiss, MD: “Mammary-type myofibroblastoma, groin”

#### **Case 4 - References:**

Mammary-type myofibroblastoma of soft tissue.

*Indian J Pathol Microbiol* 2011; Apr-Jun;54(2): p391-3.

Arsenovic N; Abdulla KE; Shamim KS.

Solitary fibrous tumor: is there a molecular relationship with cellular angiofibroma, spindle cell lipoma, and mammary-type myofibroblastoma?

*Am J Clin Pathol* 2012; Jun;137(6): p963-70.

Fritchie KJ; Carver P, et al.

Extramammary myofibroblastoma in the head and neck region.

*Head Neck* 2009; Sep;31(9): p1240-4.

Hox V; Vander Poorten V, et al.

Fine-needle aspiration cytology of mammary myofibroblastoma: a report of six cases.

*Acta Cytol* 2012;;56(5): p501-5.

Alvarez-Rodriguez F; Gimeno-Aranguez M, et al.

Mammary myofibroblastoma: a tumor with a wide morphologic spectrum.

*Arch Pathol Lab Med* 2008; Nov;132(11): p1813-20.

Magro G.

#### **Case No. 5, Accession No. 31574**

**January 2014**

Glendale - Angiosarcoma

San Diego (Naval Medical Center) - Angiosarcoma

Delaware (Armed Forces Medical Examiner System) - Angiosarcoma

Florida (Munroe Regional) - Angiosarcoma

Georgia, Atlanta - Angiosarcoma

Illinois (Heartland Regional Medical Center) - Angiosarcoma

Illinois (Northwestern University) - Angiosarcoma

Illinois, Oak Brook - Angiosarcoma

Kansas (Peterson Laboratory Services) - Angiosarcoma  
Maryland (University of Maryland) - Angiosarcoma  
Ohio (The University of Toledo Medical Center) - Angiosarcoma  
Oregon (Oregon Health and Science University) - Angiosarcoma  
Puerto Rico (University of Puerto Rico) - Angiosarcoma of the breast  
Tennessee, Knoxville - Angiosarcoma  
Texas (Anderson Cancer Center) - Angiosarcoma  
Texas, Lubbock - Angiosarcoma  
Wisconsin (Medical Assessment and Consultation, S.C.) - Angiosarcoma  
Canada (Pasqua Hospital) - Angiosarcoma  
Canada (Royal Alexandra Hospital) - Angiosarcoma  
Ireland (Connelly Hospital) - Angiosarcoma  
Japan (Asahi General Hospital) - Angiosarcoma (2)  
United Kingdom (John Radcliffe Hospital) - Angiosarcoma

#### **Case 5 - Diagnosis:**

Angiosarcoma, breast

#### **Case 5 - References:**

Fine needle aspiration cytology in primary breast angiosarcoma: a case report.

*Acta Cytol* 2010; Sep-Oct;54(5 Suppl): p764-70.

Markidou S; Karydas I, et al.

Primary and secondary angiosarcoma of the breast: the Mayo Clinic experience.

*J Surg Oncol* 2010; Apr 1;101(5): p401-7.

Scow JS; Reynolds CA, et al.

Angiosarcoma of the breast: a clinicopathologic analysis of cases from the last 10 years.

*Ann Diagn Pathol* 2009; Jun;13(3): p147-50.

Wang XY; Jakowski J, et al.

Angiosarcoma, radiation-associated angiosarcoma, and atypical vascular lesion.

*Arch Pathol Lab Med* 2009; Nov;133(11): p1804-9.

Lucas DR.

Kasabach-Merritt syndrome associated to angiosarcoma of the breast. A case report and review of the literature.

*Tumori* 1993; Apr 30;79(2): p137-40.

Mazzocchi A; Foschini MP, et al.

#### **Case No. 6, Accession No. 31659**

**January 2014**

Glendale - Leiomyosarcoma  
San Diego (Naval Medical Center) - Kaposi sarcoma  
Delaware (Armed Forces Medical Examiner System) - Kaposi's sarcoma  
Florida (Munroe Regional) - Angiosarcoma  
Georgia, Atlanta - Kaposi's sarcoma  
Illinois (Heartland Regional Medical Center) - Spindle cell sarcoma, favor Kaposi's sarcoma  
Illinois (Northwestern University) - Kaposi sarcoma  
Illinois, Oak Brook - Nodular Kaposi sarcoma  
Kansas (Peterson Laboratory Services) - Kaposi sarcoma  
Maryland (University of Maryland) - Leiomyosarcoma; need stains to confirm and rule out other sarcomas  
Ohio (The University of Toledo Medical Center) - Kaposi sarcoma  
Oregon (Oregon Health and Science University) - Kaposi sarcoma  
Puerto Rico (University of Puerto Rico) - Kaposi sarcoma  
Tennessee, Knoxville - Kaposi's sarcoma  
Texas (Anderson Cancer Center) - Epithelioid angiosarcoma

Texas, Lubbock: - Kaposi sarcoma  
Wisconsin (Medical Assessment and Consultation, S.C.) - Kaposi's sarcoma  
Canada (Pasqua Hospital) - Kaposi sarcoma  
Canada (Royal Alexandra Hospital) - Kaposi's  
Ireland (Connolly Hospital) - Kaposi sarcoma  
Japan (Asahi General Hospital) - Hemangiopericytoma (1); Nodular fasciitis (1)  
United Kingdom (John Radcliffe Hospital) - Kaposi sarcoma

**Case 6 - Diagnosis:**

Kaposi sarcoma, foot

**Case 6 - References:**

Kaposi sarcoma and its associated herpesvirus.  
*Nat Rev Cancer* 2010; Oct;10(10): p707-19.  
Mesri EA; Cesarman E; Boshoff C.

Molecular biology of Kaposi sarcoma-associated herpesvirus and related oncogenesis.  
*Adv Virus Res* 2010;78:87-142.  
Cai Q; Verma SC, et al.

Kaposi sarcoma in sub-Saharan Africa: a current perspective.  
*Curr Opin Infect Dis* 2010; Apr;23(2): p119-23.  
Mosam A; Aboobaker J; Shaik F.

Anaplastic Kaposi sarcoma: an uncommon histologic phenotype with an aggressive clinical course.  
*J Cutan Pathol* 2010; Oct;37(10): p1088-91.  
Yu Y; Demierre MF; Mahalingam M.

Coexistent Kaposi sarcoma, cryptococcosis, and *Mycobacterium avium* intracellulare in a solitary cutaneous nodule in a patient with AIDS: report of a case and literature review. *J Am Acad Dermatol* 2010; Apr;62(4): p676-80.  
Pietras TA; Baum CL; Swick BL.

**Case No. 7, Accession No. 31683**

**January 2014**

Glendale - Myxoid liposarcoma  
San Diego (Naval Medical Center) - Myxoid /round cell liposarcoma  
Delaware (Armed Forces Medical Examiner System) - Myxoid liposarcoma  
Florida (Munroe Regional) - Myxoid liposarcoma  
Georgia, Atlanta - Myxoid/round cell liposarcoma  
Illinois (Heartland Regional Medical Center) - Myxoid liposarcoma  
Illinois (Northwestern University) - Myxoid liposarcoma  
Illinois, Oak Brook - Myxoid liposarcoma  
Kansas (Peterson Laboratory Services) - LG myxoid liposarcoma  
Maryland (University of Maryland) - Myxoid liposarcoma  
Ohio (The University of Toledo Medical Center) - Myxoid liposarcoma  
Oregon (Oregon Health and Science University) - Myxoid liposarcoma  
Puerto Rico (University of Puerto Rico) - Myxoid/round cell liposarcoma  
Tennessee, Knoxville - Myxoid liposarcoma  
Texas (Anderson Cancer Center) - Myxoid liposarcoma  
Texas, Lubbock: - Myxoid liposarcoma  
Wisconsin (Medical Assessment and Consultation, S.C.) - Myxoid liposarcoma  
Canada (Pasqua Hospital) - Myxoid liposarcoma  
Canada (Royal Alexandra Hospital) - Myxoid liposarcoma  
Ireland (Connolly Hospital) - Myxoid liposarcoma  
Japan (Asahi General Hospital) - Enchondroma (1) Myxoid liposarcoma (1)

United Kingdom (John Radcliffe Hospital) - Low grade fibromyxoid sarcoma

**Case 7 - Diagnosis:**

Myxoid/round cell liposarcoma, heel

**Case 7 - References:**

Clinicopathologic prognostic factors of pure myxoid liposarcoma of the extremities and trunk wall.

*Clin Orthop Relat Res* 2010; Nov;468(11): p3041-6.

Nishida Y; Tsukushi S; Nakashima H; Ishiguro N

Myxoid/round cell and pleomorphic liposarcomas: prognostic factors and survival in a series of patients treated at a single institution.

*Cancer* 2007; Jun 15;109(12): p2522-31.

Fiore M; Grosso F, et al.

Liposarcomas with mixed well-differentiated and pleomorphic features: a clinicopathologic study of 12 cases.

*Am J Surg Pathol* 2010; Jun;34(6): p837-43.

Boland JM; Weiss SW; Oliveira AM; Erickson-Johnson ML; Folpe AL.

Myxoid liposarcoma.

*Diagn Cytopathol* 2007; May;35(5): p283-4.

Pantanowitz L; Otis CN.

Cytologic features of round cell liposarcoma: a report on five patients.

*Cancer* 2003; Feb 25;99(1): p28-32.

Vicandi B; Jimenez-Heffernan J, et al.

Fine-needle aspiration biopsy of myxoid liposarcoma metastatic to the liver: cytomorphologic and cytogenetic features.

*Diagn Cytopathol* 2007; Nov;35(11): p734-7.

Elwood H; Parwani A; Cai G.

Cytomorphology of lipomatous tumors of soft tissue.

*Acta Cytol* 2003 Jul-Aug;47(4): p555-62

Kapila K; Ghosal N, et al.

**Case No. 8, Accession No. 31595**

**January 2014**

Glendale - Neurofibroma

San Diego (Naval Medical Center) - Schwannoma

Delaware (Armed Forces Medical Examiner System) - Neurofibroma

Florida (Munroe Regional) - Neurofibroma

Georgia, Atlanta - Schwannoma

Illinois (Heartland Regional Medical Center) - Solitary fibrous tumor

Illinois (Northwestern University) - Schwannoma

Illinois, Oak Brook - solitary fibrous tumor

Kansas (Peterson Laboratory Services) - Schwannoma

Maryland (University of Maryland) - Neurofibroma

Ohio (The University of Toledo Medical Center) - Neurofibroma

Oregon (Oregon Health and Science University) - Schwannoma

Puerto Rico (University of Puerto Rico) - Solitary fibrous tumor

Tennessee, Knoxville - Benign spindle cell tumor; neurofibroma vs. other

Texas (Anderson Cancer Center) - Inflammatory pseudotumor vs. solitary fibrous tumor

Texas, Lubbock - Neurilemoma

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

Canada (Pasqua Hospital) - Neurofibroma

Canada (Royal Alexandra Hospital) - Schwannoma  
Ireland (Connolly Hospital) - Solitary fibrous tumor  
Japan (Asahi General Hospital) - Solitary fibrous tumor (1); Schwannoma (1)  
United Kingdom (John Radcliffe Hospital) - Neurofibroma

**Case 8 - Diagnosis:**

Neurofibroma, posterior mediastinum

**Case 8 - References:**

Mediastinal neurofibroma originating from the left intrathoracic phrenic nerve: report of a case.

*Surg Today* 2004;34(11): p950-3.

Saito H; Minamiya Y, et al.

Hybrid neurofibroma/schwannoma is overrepresented among schwannomatosis and neurofibromatosis patients.

*Am J Surg Pathol* 2012; May;36(5): p702-9.

Harder A; Wesemann M, et al.

Different patterns of mast cells distinguish diffuse from encapsulated neurofibromas in patients with neurofibromatosis 1.

*J Histochem Cytochem* 2011; Jun;59(6): p584-90.

Tucker T; Riccardi VM, et al.

Diffuse plexiform neurofibroma of the back: report of a case.

*Hawaii Med J* 2010; Aug;69(8): p191-3.

Washington EN; Placket TP, et al.

An unusual presentation of a solitary benign giant neurofibroma. Case report.

*J Neurosurg Spine* 2009; Jul;11(1): p49-52.

Yang L; Robertson T, et al.

Primary localised pleural neurofibroma: expanding the spectrum of spindle cell tumours of the pleura.

*J Clin Pathol* 2010; Feb;63(2): p116-8.

Langman G; Rathinam S; Papadaki L.

**Case No. 9, Accession No. 31575**

**January 2014**

Glendale - Schwannoma

San Diego (Naval Medical Center) - Schwannoma

Delaware (Armed Forces Medical Examiner System) - Schwannoma

Florida (Munroe Regional) - Schwannoma

Georgia, Atlanta - Schwannoma

Illinois (Heartland Regional Medical Center) - Schwannoma

Illinois (Northwestern University) - Schwannoma (intraneural)

Illinois, Oak Brook - Glomangiopericytoma

Kansas (Peterson Laboratory Services) - Myoepithelioma

Maryland (University of Maryland) - Schwannoma

Ohio (The University of Toledo Medical Center) - Schwannoma

Oregon (Oregon Health and Science University) - Schwannoma

Puerto Rico (University of Puerto Rico) - Ancient schwannoma

Tennessee, Knoxville - Schwannoma

Texas (Anderson Cancer Center) - Ancient schwannoma

Texas, Lubbock - Neurilemmoma

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

Canada (Pasqua Hospital) - Schwannoma

Canada (Royal Alexandra Hospital) - Schwannoma

Ireland (Connelly Hospital) - Ancient schwannoma  
Japan (Asahi General Hospital) - Cavernous hemangioma (1); Schwannoma  
United Kingdom (John Radcliffe Hospital) - Myopericytoma

**Case 9 - Diagnosis:**

Schwannoma, neck

**Case 9 - References:**

Extracranial head and neck Schwannomas: a study of the nerve of origin.  
*Eur Arch Otorhinolaryngol* 2011; Sep;268(9): p1343-7.  
Liu HL; Yu SY, et al.

Primary schwannoma in a cervical lymph node.  
*Head Neck* 2010; Jul;32(7): p964-9  
Black JO; Zhai QJ, et al.

Plexiform schwannoma: a clinicopathologic overview with emphasis on the head and neck region.  
*Hum Pathol* 2008; May;39(5): p633-40.  
Berg JC; Scheithauer BW, et al.

Benign schwannoma of the left cervical phrenic nerve.  
*Br J Oral Maxillofac Surg* 2008; Mar;46(2): p161-2.  
Graham RM; Thomson EF; Woodward RT.

Cystic schwannoma in neck: fallacious diagnosis arrived on fine needle aspiration cytology.  
*Diagn Cytopathol* 2011; Nov;39(11): p866-7.  
Satarkar RN; Kolte SS; Vujhini SK.

Cystic schwannoma of the cervical plexus masquerading as a type II second branchial cleft cyst.  
*Eur Arch Otorhinolaryngol* 2009; Mar;266(3): p459-62.  
Buchanan MA; Williams SM, et al.

**Case No. 10, Accession No. 31582**

**January 2014**

Glendale - Ganglioneuroma  
San Diego (Naval Medical Center) - Ganglioneuroma  
Delaware (Armed Forces Medical Examiner System) - Ganglioneuroma  
Florida (Munroe Regional) - Ganglioneuroma  
Georgia, Atlanta - Ganglioneuroma  
Illinois (Heartland Regional Medical Center) - Ganglioneuroma  
Illinois (Northwestern University) - Ganglioneuroma  
Illinois, Oak Brook - Ganglioneuroma  
Kansas (Peterson Laboratory Services) - Ganglioneuroma  
Maryland (University of Maryland) - Ganglioneuroma  
Ohio (The University of Toledo Medical Center) - Ganglioneuroma  
Oregon (Oregon Health and Science University) - Ganglioneuroma  
Puerto Rico (University of Puerto Rico) - Ganglioneuroma  
Tennessee, Knoxville - Ganglioneuroma  
Texas (Anderson Cancer Center) - Desmoid fibromatosis  
Texas, Lubbock: - Ganglioneuroma  
Wisconsin (Medical Assessment and Consultation, S.C.) - Ganglioneuroma  
Canada (Pasqua Hospital) - Ganglioneuroma  
Canada (Royal Alexandra Hospital) - Ganglioneuroma  
Ireland (Connelly Hospital) - Ganglioneuroma  
Japan (Asahi General Hospital) - Desmoid tumor (1); Ganglioneuroma (1)  
United Kingdom (John Radcliffe Hospital) - Ganglioneuroma

**Case 10 - Diagnosis:**

Ganglioneuroma (maturation of a ganglioneuroblastoma), para-spinal

**Case 10 - References:**

Fine-needle aspiration of ganglioneuroma, maturing type (a.k.a., "borderline ganglioneuroblastoma") in the mediastinum of a young man: Case report and discussion of classification.

*Diagn Cytopathol* 2012; Oct;40(10): p906-11.

Ponsford Tipps AM; Weidner N.

Retrospective study of childhood ganglioneuroma.

*J Clin Oncol* 2008; Apr 1;26(10): p1710-6.

De Bernardi B; Gambini C, et al.

Giant ganglioneuroma of the posterior mediastinum.

*Interact Cardiovasc Thorac Surg* 2011; Sep;13(3): p344-5.

Hayat J; Ahmed R; Alizai S; Awan MU.

Ganglioneuroma presenting as a neck mass diagnosed by fine needle aspiration cytology.

*Cytopathology* 2011; Jun;22(3): p205-6.

Kolte SS

The low-affinity neurotrophin receptor, p75, is upregulated in ganglioneuroblastoma/ganglioneuroma and reduces tumorigenicity of neuroblastoma cells in vivo.

*Int J Cancer* 2009; May 15;124(10): p2488-94.

Schulte JH; Pentek F, et al.

High anaplastic lymphoma kinase immunohistochemical staining in neuroblastoma and ganglioneuroblastoma is an independent predictor of poor outcome.

*Am J Pathol* 2012; Mar;180(3): p1223-31.

Duijkers FA; Gaal J, et al.