



CALIFORNIA
TUMOR TISSUE REGISTRY

SOFT TISSUE PATHOLOGY

Minutes – Subscription B

October 2011



SUGGESTED READING (General Topics from Recent Literature):

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.

Dedifferentiated liposarcoma with "homologous" lipoblastic (pleomorphic liposarcoma-like) differentiation: clinicopathologic and molecular analysis of a series suggesting revised diagnostic criteria. *Am J Surg Pathol* 2010; Aug;34(8): p1122-31. Marino-Enriquez A; Fletcher CD; Dal Cin P; Hornick JL.

Solid variant of alveolar rhabdomyosarcoma in the head and neck region: a case report of a diagnostic dilemma in a head and neck fine needle aspiration clinic. *Acta Cytol* 2010; Sep-Oct;54(5 Suppl): p849-52. Aslam MB; Sahasrabudhe N; Kumar SN; Shenjere P; Belloso A; Morar P.

Clinicopathologic analysis of 7 cases of oral schwannoma and review of the literature. *Ann Diagn Pathol* 2010; Aug;14(4): p235-9. Santos PP; Freitas VS; Pinto LP; Freitas Rde A; de Souza LB.

Adult-type fibrosarcoma: A reevaluation of 163 putative cases diagnosed at a single institution over a 48-year period. *Am J Surg Pathol* 2010; Oct;34(10): p1504-13. Bahrami A; Folpe AL.

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FILE DIAGNOSES

CTTR Subscription B

October 2011

Case 1:

Pleomorphic lipoma (variant lacking fat), shoulder
T-01712, M-09560

Case 2:

Well-differentiated, lipoma-like liposarcoma, retroperitoneum
T-Y4600, M-88513

Case 3:

Well-differentiated liposarcoma, inflammatory variant, retroperitoneum
T-Y4600, M-88503

Case 4:

Myxoid/round cell liposarcoma, thigh
T-Y9100, M-88533

Case 5:

Alveolar rhabdomyosarcoma, cervical neck nodes
T-08200, M-89203

Case 6:

Ganglioneuroblastoma, back
T-01714, M-09493

Case 7:

Ischemic fasciitis (atypical decubital fibroplasia), hip
T-Y1500, M-49000

Case 8:

Mesenteric fibromatosis
T-08893, M-76100

Case 9:

High grade leiomyosarcoma, neck
T-Y0600, M-88903

Case 10:

Littoral cell hemangioma, spleen
T-07000, M-91200

Glendale - Pleomorphic lipoma
Newport Beach (College Hospital) - Schwannoma
San Diego (Naval Medical Center) - Myxoid malignant fibrous histiocytoma
Alabama (Cunningham Pathology) - Inflammatory myxohyaline tumor
Florida, Orlando - Leiomyoma of soft tissue
Georgia, Atlanta - Neurofibroma with ancient change
Illinois (Heartland Regional Medical Center) - Malignant fibrous histiocytoma, grade 2
Illinois (Loyola University of Chicago) - Nodular fasciitis
Illinois (North Shore University Systems, Evanston Hospital) - Myxofibrosarcoma
Kansas (Coffeyville Regional Medical Center) - Myxoid fibrous histiocytoma
Kansas (Peterson Laboratory Services) - Neurofibroma (1); Pleomorphic fibroma of tendon sheath (1)
Maryland (University of Maryland) - Low grade fibromyxoid sarcoma
New York (Buffalo General Hospital Residents) - Pleomorphic fibroma of the tendon sheath
New York (SUNY Stony Brook University Hospital) - Proliferative myositis
Ohio, Columbus - Neurothekeoma
Oregon (Oregon Health and Science University) - Unclassified spindle and pleomorphic cell sarcoma
Pennsylvania (Conemaugh Memorial Medical Center) - Proliferative fasciitis
Philadelphia (Drexel University College of Medicine) - Fibroma of tendon sheath, myxoid and pleomorphic
South Carolina (Lexington Medical Center) - Neurofibroma consistent with malignant transformation
Tennessee, Knoxville - Low grade fibromyxoid sarcoma
Texas, Crystal Beach - Proliferative myositis
Texas, Lubbock - Fibrous histiocytoma
Wisconsin, Madison - Malignant fibrous histiocytoma vs. pleomorphic lipoma
Wisconsin (Medical Assessment and Consultation, S.C.) - Fibromyxoid sarcoma
Canada (Pasqua Hospital) - Desmoplastic fibroblastoma
Ireland (Connolly Hospital) - Giant cell tumor of tendon sheath
Ireland (University Hospital, Galway) - Myxofibrosarcoma, high grade
Japan (Asahi General Hospital) - Proliferative fasciitis (1); Fibroma (1)
Japan (Setagaya-Ku) - Atypical lipoma
Japan (University of Yamanashi) - Myxofibrosarcoma

Case 1 - Diagnosis:

Pleomorphic lipoma (variant lacking fat), shoulder
T-01712, M-09560

Director's Note: Repeat CD34 was weakly positive. Variants of both spindle cell lipoma and pleomorphic lipoma can occur, as in this case, without the presence of fatty elements.

Case 1 - References:

Chen X; Yu K, et al. Fine needle aspiration of pleomorphic lipoma of the neck: report of two cases. *Diagn Cytopathol* 2010; Mar;38(3): p184-7.
Gurel D; Kargi A; Lebe B. Pedunculated cutaneous spindle cell/pleomorphic lipoma. *J Cutan Pathol* 2010; Sep;37(9): p57-9.
Mentzel T. Cutaneous lipomatous neoplasms. *Semin Diagn Pathol* 2001; Nov;18(4): p250-7.
Lopez-Rios F; Alberti N, et al. Fine-needle aspiration of pleomorphic lipoma. *Diagn Cytopathol* 2001; Apr;24(4): p296-7.

Glendale - Well-differentiated lipomasarcoma
Newport Beach (College Hospital) - Low grade liposarcoma
San Diego (Naval Medical Center) - Well-differentiated liposarcoma

Alabama (Cunningham Pathology) - Atypical lipomatous tumor/ well-differentiated liposarcoma
Florida, Orlando - Well-differentiated liposarcoma
Georgia, Atlanta - Well-differentiated liposarcoma
Illinois (Heartland Regional Medical Center) - Well-differentiated liposarcoma (atypical lipomatous neoplasm)
Illinois (Loyola University of Chicago) - Well-differentiated liposarcoma
Illinois (North Shore University Systems, Evanston Hospital) - Well-differentiated liposarcoma
Kansas (Coffeyville Regional Medical Center) - Low grade liposarcoma
Kansas (Peterson laboratory Services) - Well-differentiated liposarcoma (2)
Maryland (University of Maryland) - Well-differentiated liposarcoma, sclerosing
New York (Buffalo General Hospital Residents) - Well-differentiated sclerosing liposarcoma
New York (SUNY Stony Brook University Hospital) - Well-differentiated liposarcoma
Ohio, Columbus - Well-differentiated liposarcoma
Oregon (Oregon Health and Science University) - Well-differentiated liposarcoma, low grade
Pennsylvania (Conemaugh Memorial Medical Center) - Well-differentiated liposarcoma
Philadelphia (Drexel University College of Medicine) - Well-differentiated liposarcoma with myxoid features
South Carolina (Lexington Medical Center) - Well-differentiated liposarcoma
Tennessee, Knoxville - Well-differentiated liposarcoma
Texas, Crystal Beach - Retroperitoneal fibromatosis
Texas, Lubbock - Sclerosing liposarcoma
Wisconsin, Madison - Well-differentiated liposarcoma, lipoma-like
Wisconsin (Medical Assessment and Consultation, S.C.) - Atypical lipoma/lipoma-like well-differentiated, liposarcoma
Canada (Pasqua Hospital) - Well-differentiated liposarcoma
Ireland (Connolly Hospital) - Myxoid liposarcoma
Ireland (University Hospital, Galway) - Well-differentiated liposarcoma
Japan (Asahi General Hospital) - Well-differentiated liposarcoma (2)
Japan (Setagaya-Ku) - Spindle cell lipoma
Japan (University of Yamanashi) - Well-differentiated liposarcoma

Case 2 - Diagnosis:

Well-differentiated, lipoma-like, liposarcoma, retroperitoneum
 T-Y4600, M-88513

Case 2 - References:

Inoue K; Higaki Y; Yoshida H. Giant retroperitoneal liposarcoma. *Int J Urol* 2005; Feb;12(2): p220-2.
 Singer S; Antonescu CR; Riedel E; Brennan MF. Histologic subtype and margin of resection predict pattern of recurrence and survival for retroperitoneal liposarcoma. *Ann Surg* 2003; Sep;238(3): p358-70; discussion 370-1.
 Antinori A; Antonacci V; Magistrelli P. Giant retroperitoneal liposarcoma. *Am J Surg* 2002; Jul;184(1): p56-7.
 Liu D; Quinonez G; Latosinsky S. Dedifferentiated liposarcoma with a paraganglioma-like histologic pattern: a case report and review of the literature. *Arch Pathol Lab Med* 2004; Jul;128(7): p788-91.
 Laurino L; Furlanetto A; Orvieto E; Dei Tos AP. Well-differentiated liposarcoma (atypical lipomatous tumors). *Semin Diagn Pathol* 2001; Nov;18(4): p258-62.
 Goertz RS; Lenfers BH; Goertz GH. Huge liposarcoma of the left retroperitoneum. *Am J Surg* 2009; Jun;197(6): pe59-60.

Case No. 3, Accession No. 31346

October 2011

Glendale - Inflammatory liposarcoma
Newport Beach (College Hospital) - Myelolipoma
San Diego (Naval Medical Center) - Inflammatory well-differentiated liposarcoma
Alabama (Cunningham Pathology) - Inflammatory liposarcoma
Florida, Orlando - Well-differentiated liposarcoma, inflammatory type
Georgia, Atlanta - Inflammatory/dedifferentiated liposarcoma
Illinois (Heartland Regional Medical Center) - Well-differentiated liposarcoma with chronic inflammation
Illinois (Loyola University of Chicago) - Well-differentiated liposarcoma, inflammatory subtype

Illinois (North Shore University Systems, Evanston Hospital) - Inflammatory liposarcoma
Kansas (Coffeyville Regional Medical Center) - Atypical lipomatous tumor
Kansas (Peterson laboratory Services) - Inflammatory liposarcoma (2)
Maryland (University of Maryland) - Well-differentiated liposarcoma, inflammatory
New York (Buffalo General Hospital Residents) - Well-differentiated inflammatory liposarcoma
New York (SUNY Stony Brook University Hospital) - Inflammatory liposarcoma
Ohio, Columbus - Myxoid liposarcoma
Oregon (Oregon Health and Science University) - Well-differentiated liposarcoma, inflammatory type, low grade
Pennsylvania (Conemaugh Memorial Medical Center) - Well-differentiated liposarcoma
Philadelphia (Drexel University College of Medicine) - Pleomorphic liposarcoma
South Carolina (Lexington Medical Center) - Recurrent liposarcoma
Tennessee, Knoxville - Well-differentiated liposarcoma, recurrent
Texas, Crystal Beach - Myxoid lipoma, possible
Texas, Lubbock - Inflammatory malignant fibrous histiocytoma
Wisconsin, Madison - Well-differentiated liposarcoma, inflammatory type
Wisconsin (Medical Assessment and Consultation, S.C.) - Well-differentiated liposarcoma, inflammatory type
Canada (Pasqua Hospital) - Well-differentiated liposarcoma, inflammatory type
Ireland (Connolly Hospital) - Well-differentiated inflammatory liposarcoma
Ireland (University Hospital, Galway) - Inflammatory liposarcoma
Japan (Asahi General Hospital) - Well-differentiated liposarcoma, inflammatory type (1); Liposarcoma (1)
Japan (Setagaya-Ku) - Atypical lipoma
Japan (University of Yamanashi) - Liposarcoma

Case 3 - Diagnosis:

Well-differentiated liposarcoma, inflammatory variant, retroperitoneum
 T-Y4600, M-88503

Case 3 - References:

Kawano R; Nishie A, et al. Retroperitoneal well-differentiated inflammatory liposarcoma: a diagnostic dilemma. *Radiat Med* 2008; Aug;26(7): p450-3.
 Driss M; Bacha D, et al. [Retroperitoneal well-differentiated inflammatory liposarcoma]. *Ann Pathol* 2007; Feb;27(1): p35-7.
 Mehrotra PK; Ramachandran CS, et al. Inflammatory variant of a well-differentiated retroperitoneal liposarcoma: case report of a rare giant variety. *Indian J Cancer* 2006; Jan-Mar;43(1): p36-8.
 Willems SM; Suzhai K, et al. CT-guided, COBRA-FISH-assisted diagnosis of well-differentiated liposarcoma (inflammatory subtype) of the retroperitoneum. *Histopathology* 2007; Sep;51(3): p422-6.

Case No. 4, Accession No. 19910

October 2011

Glendale - Myxoid liposarcoma
Newport Beach (College Hospital) - Liposarcoma
San Diego (Naval Medical Center) - Myxoid liposarcoma
Alabama (Cunningham Pathology) - Myxoid liposarcoma
Florida, Orlando - Myxoma
Georgia, Atlanta - Myxoid/round cell liposarcoma
Illinois (Heartland Regional Medical Center) - Myxoid liposarcoma
Illinois (Loyola University of Chicago) - Myxoid liposarcoma
Illinois (North Shore University Systems, Evanston Hospital) - Myxoid liposarcoma
Kansas (Coffeyville Regional Medical Center) - Myxochondroma
Kansas (Peterson laboratory Services) - Myxoid liposarcoma (2)
Maryland (University of Maryland) - Myxoid liposarcoma
New York (Buffalo General Hospital Residents) - Myxoid liposarcoma
New York (SUNY Stony Brook University Hospital) - Myxoid liposarcoma
Ohio, Columbus - Myxoid/round cell liposarcoma
Oregon (Oregon Health and Science University) - Myxoid liposarcoma, low grade, with no round cell areas

Pennsylvania (Conemaugh Memorial Medical Center) - Myxoid/round cell liposarcoma
Philadelphia (Drexel University College of Medicine) - Myxoid liposarcoma
South Carolina (Lexington Medical Center) - Neurothekeoma
Tennessee, Knoxville - Myxoid neoplasm need consult
Texas, Crystal Beach - Myxoid sarcoma
Texas, Lubbock - Myxoid liposarcoma
Wisconsin, Madison - Myxoid/round cell liposarcoma
Wisconsin (Medical Assessment and Consultation, S.C.) - Myxoid liposarcoma
Canada (Pasqua Hospital) - Myxoid liposarcoma
Ireland (Connolly Hospital) - Low grade myxofibrosarcoma
Ireland (University Hospital, Galway) - Myxoid liposarcoma
Japan (Asahi General Hospital) - Myxoid liposarcoma (1); Chondroma (1)
Japan (Setagaya-Ku) - Lipoma
Japan (University of Yamanashi) - Extraskeletal myxochondrosarcoma

Case 4 - Diagnosis:

Myxoid/round cell liposarcoma, thigh
 T-Y9100, M-88533

Case 4 - References:

Orvieto E; Furlanetto A; Laurino L; Dei Tos AP. Myxoid and round cell liposarcoma: a spectrum of myxoid adipocytic neoplasia. *Semin Diagn Pathol* 2001; Nov;18(4): p267-73.
 Chowdhury N; Pai RR; Lobo FD. Cytomorphological features of combined myxoid and round cell liposarcoma--a case report. *Indian J Pathol Microbiol* 2005; Jul;48(3): p396-8.
 de Vreeze RS; de Jong D, et al. Primary retroperitoneal myxoid/round cell liposarcoma is a nonexisting disease: an immunohistochemical and molecular biological analysis. *Mod Pathol* 2009; Feb;22(2): p223-31.
 Nishida Y; Tsukushi S, et al. Clinicopathologic prognostic factors of pure myxoid liposarcoma of the extremities and trunk wall. *Clin Orthop Relat Res* 2010; Nov;468(11): p3041-6.
 Fiore M; Grosso F, et al. 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.

Case No. 5, Accession No. 24451

October 2011

Glendale - Alveolar rhabdomyosarcoma
Newport Beach (College Hospital) - Metastatic thyroid carcinoma
San Diego (Naval Medical Center) - Alveolar rhabdomyosarcoma
Alabama (Cunningham Pathology) - Alveolar rhabdomyosarcoma
Florida, Orlando - Alveolar rhabdomyosarcoma
Georgia, Atlanta - Metastatic alveolar rhabdomyosarcoma
Illinois (Heartland Regional Medical Center) - Alveolar rhabdomyosarcoma
Illinois (Loyola University of Chicago) - Alveolar rhabdomyosarcoma
Illinois (North Shore University Systems, Evanston Hospital) - Alveolar rhabdomyosarcoma
Kansas (Coffeyville Regional Medical Center) - Dabska's tumor (papillary intralymphatic angioendotheloma)
Kansas (Peterson Laboratory Services) - Metastatic alveolar rhabdomyosarcoma (2)
Maryland (University of Maryland) - Angiosarcoma
New York (Buffalo General Hospital Residents) - Metastatic alveolar rhabdomyosarcoma
New York (SUNY Stony Brook University Hospital) - Alveolar rhabdomyosarcoma
Ohio, Columbus - Malignant neoplasm with prominent multinucleated giant cells; ddx: giant cell type malignant fibrous histiocytoma of soft tissue, giant cell tumor, osteoclast-rich carcinoma
Oregon (Oregon Health and Science University) - Alveolar rhabdomyosarcoma
Pennsylvania (Conemaugh Memorial Medical Center) - Alveolar rhabdomyosarcoma
Philadelphia (Drexel University College of Medicine) - Malignant giant cell tumor
South Carolina (Lexington Medical Center) - Poorly differentiated malignant neoplasm, favor metastatic melanoma
Tennessee, Knoxville - Rhabdomyosarcoma
Texas, Crystal Beach - Rhabdomyosarcoma, alveolar

Texas, Lubbock - Metastatic rhabdomyosarcoma
Wisconsin, Madison - Alveolar rhabdomyosarcoma
Wisconsin (Medical Assessment and Consultation, S.C.) - Alveolar rhabdomyosarcoma
Canada (Pasqua Hospital) - Alveolar rhabdosarcoma
Ireland (Connolly Hospital) - Polymorphous epithelioid hemangioendothelioma (exclude mets)
Ireland (University Hospital, Galway) - Papillary intralymphatic angioendothelioma
Japan (Asahi General Hospital) - Rhabdomyosarcoma, alveolar type (1); Histiocytosis (1)
Japan (Setagaya-Ku) - Rhabdomyosarcoma
Japan (University of Yamanashi) - Metastatic tumor

Case 5 - Diagnosis:

Alveolar rhabdomyosarcoma, cervical neck nodes
 T-08200, M-89203

Case 5 - References:

Aslam MB; Sahasrabudhe N, et al. Solid variant of alveolar rhabdomyosarcoma in the head and neck region: a case report of a diagnostic dilemma in a head and neck fine needle aspiration clinic. *Acta Cytol* 2010; Sep-Oct;54(5 Suppl): p849-52.
 Yasuda T; Perry KD, et al. Alveolar rhabdomyosarcoma of the head and neck region in older adults: genetic characterization and a review of the literature. *Hum Pathol* 2009; Mar;40(3): p341-8.
 Barroca H; Oliveira MJ; Castedo S. Aberrant expression of synaptophysin in two metastatic alveolar rhabdomyosarcomas. Pitfalls in fine needle aspiration cytology diagnosis. *Cytopathology* 2010; Jun;21(3): p198-200.
 Paulino AC; Pappo A. Alveolar rhabdomyosarcoma of the extremity and nodal metastasis: Is the in-transit lymphatic system at risk? *Pediatr Blood Cancer* 2009; Dec 15;53(7): p1332-3.

Case No. 6, Accession No. 19916

October 2011

Glendale - Neuroblastoma
Newport Beach (College Hospital) - Ganglioneuroma
San Diego (Naval Medical Center) - Neuroblastoma, differentiated
Alabama (Cunningham Pathology) - Embryonal rhabdomyosarcoma
Florida, Orlando - Ganglioneuroblastoma
Georgia, Atlanta - Ganglioneuroma
Illinois (Heartland Regional Medical Center) - Ganglioneuroblastoma
Illinois (Loyola University of Chicago) - Ganglioneuroblastoma
Illinois (North Shore University Systems, Evanston Hospital) - Ganglioneuroblastoma
Kansas (Coffeyville Regional Medical Center) - Alveolar soft parts sarcoma
Kansas (Peterson laboratory Services) - Extra renal rhabdoid tumor (2)
Maryland (University of Maryland) - Proliferative fasciitis
New York (Buffalo General Hospital Residents) - Parachordoma
New York (SUNY Stony Brook University Hospital) - Ganglioneuroma
Ohio, Columbus - Poorly differentiated malignant neoplasm with rhabdoid features, ddx: rhabdomyosarcoma, rhabdoid tumor
Oregon (Oregon Health and Science University) - Neuroblastoma
Pennsylvania (Conemaugh Memorial Medical Center) - Ganglioneuroma
Philadelphia (Drexel University College of Medicine) - Rhabdomyosarcoma
South Carolina (Lexington Medical Center) - Ganglioneuroblastoma
Tennessee, Knoxville - Gangliocytic neuroblastoma
Texas, Crystal Beach - Atypical neuroma
Texas, Lubbock - Ganglioneuroma
Wisconsin, Madison - Ganglioneuroblastoma
Wisconsin (Medical Assessment and Consultation, S.C.) - Chordoma
Canada (Pasqua Hospital) - Neuroblastoma
Ireland (Connolly Hospital) - Alveolar rhabdomyosarcoma

Ireland (University Hospital, Galway) - Neuroblastoma
Japan (Asahi General Hospital) - Ganglioneuroblastoma (1); Hibernoma (1)
Japan (Setagaya-Ku) - Rhabdomyosarcoma
Japan (University of Yamanashi) - Ganglioneuroma

Case 6 - Diagnosis:

Ganglioneuroblastoma, back
T-01714, M-09493

Case 6 - References:

Sargazi M; Smith ML, et al. A rare ganglioneuroblastoma secreting dopamine and the value of its measurement in diagnosis and prognosis. *Ann Clin Biochem* 2006; Jan;43(Pt 1): p73-6.
Thiel EL; Trost BA; Tower RL. A composite pheochromocytoma/ganglioneuroblastoma of the adrenal gland. *Pediatr Blood Cancer* 2010; Jul 1;54(7): p1032-4.
Nakaoka T; Uemura S, et al. Retroperitoneal ganglioneuroblastoma resected 8 years after mass screening: a case report. *J Pediatr Surg* 2007; Nov;42(11): pE29-32.
Coco S; Defferrari R, et al. Genome analysis and gene expression profiling of neuroblastoma and ganglioneuroblastoma reveal differences between neuroblastic and Schwannian stromal cells. *J Pathol* 2005; Nov;207(3): p346-57.
Peuchmaur M; d'Amore ES, et al. Revision of the International Neuroblastoma Pathology Classification: confirmation of favorable and unfavorable prognostic subsets in ganglioneuroblastoma, nodular. *Cancer* 2003; Nov 15;98(10): p2274-81.

Case No. 7, Accession No. 30523

October 2011

Glendale - Ischemic fasciitis
Newport Beach (College Hospital) - Fibromatosis
San Diego (Naval Medical Center) - Ischemic fasciitis
Alabama (Cunningham Pathology) - Ischemic fasciitis
Florida, Orlando - Ischemic fasciitis
Georgia, Atlanta - Ischemic fasciitis
Illinois (Heartland Regional Medical Center) - Ischemic fasciitis (atypical decubital fibroplasia)
Illinois (Loyola University of Chicago) - Extra-abdominal desmoids type fibromatosis
Illinois (North Shore University Systems, Evanston Hospital) - Ischemic fasciitis
Kansas (Coffeyville Regional Medical Center) - Proliferative myositis
Kansas (Peterson laboratory Services) - Ischemic fasciitis (2)
Maryland (University of Maryland) - Fibroma of tendon sheath
New York (Buffalo General Hospital Residents) - Ischemic fasciitis
New York (SUNY Stony Brook University Hospital) - Ischemic fasciitis
Ohio, Columbus - Fibrous nodule
Oregon (Oregon Health and Science University) - Ischemic fasciitis
Pennsylvania (Conemaugh Memorial Medical Center) - Fibromatosis
Philadelphia (Drexel University College of Medicine) - Myxoma
South Carolina (Lexington Medical Center) - Fibromatosis
Tennessee, Knoxville - Fibromatosis
Texas, Crystal Beach - Hemangioma (fibrous)
Texas, Lubbock - Desmoid tumor
Wisconsin, Madison - Proliferative fasciitis
Wisconsin (Medical Assessment and Consultation, S.C.) - Pelvic fibromatosis
Canada (Pasqua Hospital) - Desmoid
Ireland (Connolly Hospital) - Benign vascular proliferation in a fibrous stroma
Ireland (University Hospital, Galway) - Ischemic fasciitis
Japan (Asahi General Hospital) - Ischemic fasciitis (1); Fibromatosis (1)
Japan (Setagaya-Ku) - Synovial cyst
Japan (University of Yamanashi) - Desmoid tumor

Case 7 - Diagnosis:

Ischemic fasciitis (atypical decubital fibroplasia), hip
T-Y1500, M-49000

Case 7 - References:

Washing D; Zaher A. Pathologic quiz case: a 76-year-old debilitated woman with a right thigh mass. Ischemic fasciitis (atypical decubital fibroplasia). *Arch Pathol Lab Med* 2004; Oct;128(10): p139-40.
Fukunaga M. Atypical decubital fibroplasia with unusual histology. *APMIS* 2001; Sep;109(9): p631-5.
Ilaslan H; Joyce M, et al. Decubital ischemic fasciitis: clinical, pathologic, and MRI features of pseudosarcoma. *AJR Am J Roentgenol* 2006; Nov;187(5): p1338-41.
Liegl B; Fletcher CD. Ischemic fasciitis: analysis of 44 cases indicating an inconsistent association with immobility or debilitation. *Am J Surg Pathol* 2008; Oct;32(10): p1546-52

Case No. 8, Accession No. 7967**October 2011**

Glendale - Aggressive mesenteric fibromatosis
Newport Beach (College Hospital) - Fibroma
San Diego (Naval Medical Center) - Mesenteric fibromatosis
Alabama (Cunningham Pathology) - Mesenteric fibromatosis
Florida, Orlando - Mesenteric fibromatosis
Georgia, Atlanta - Fibromatosis
Illinois (Heartland Regional Medical Center) - Mesenteric fibromatosis
Illinois (Loyola University of Chicago) - Intra-abdominal fibromatosis
Illinois (North Shore University Systems, Evanston Hospital) - Fibromatosis
Kansas (Coffeyville Regional Medical Center) - Leiomyoma vs. GIST
Kansas (Peterson laboratory Services) - Mesenteric fibromatosis (2)
Maryland (University of Maryland) - Desmoid fibromatosis
New York (Buffalo General Hospital Residents) - Desmoid fibromatosis
New York (SUNY Stony Brook University Hospital) - Fibromatosis
Ohio, Columbus - Abdominal fibromatosis
Oregon (Oregon Health and Science University) - Intra-abdominal desmoid fibromatosis
Pennsylvania (Conemaugh Memorial Medical Center) - Fibromatosis
Philadelphia (Drexel University College of Medicine) - Fibromatosis (desmoid tumor)
South Carolina (Lexington Medical Center) - Desmoid tumor
Tennessee, Knoxville - Mesenteric fibromatosis
Texas, Crystal Beach - Fibromatosis
Texas, Lubbock - Desmoid tumor
Wisconsin, Madison - Fibromatosis
Wisconsin (Medical Assessment and Consultation, S.C.) - Mesenteric fibromatosis
Canada (Pasqua Hospital) - Fibromatosis
Ireland (Connolly Hospital) - Desmoid tumor
Ireland (University Hospital, Galway) - Mesenteric fibromatosis
Japan (Asahi General Hospital) - Mesenteric fibromatosis (1); Leiomyoma (1)
Japan (Setagaya-Ku) - Fibromatosis
Japan (University of Yamanashi) - Desmoid tumor

Case 8 - Diagnosis:

Mesenteric fibromatosis
T-08893, M-76100

Directors Note: Some patients with mesenteric fibromatosis have polyposis coli. (drc)**Case 8 - References:**

McCormack D; Kesha K, et al. Mesenteric fibromatosis mimicking a gastrointestinal stromal tumor. *Conn Med* 2010; Apr;74(4): p197-200.

Koh PK; Loi C, et al. Mesenteric desmoid tumors in Singapore familial adenomatous polyposis patients: clinical course and genetic profile in a predominantly Chinese population. *Dis Colon Rectum* 2007; Jan;50(1): p75-82.

Lefevre JH; Parc Y, et al. Risk factors for development of desmoid tumours in familial adenomatous polyposis. *Br J Surg* 2008; Sep;95(9): p1136-9.

Rodriguez JA; Guarda LA; Rosai J. Mesenteric fibromatosis with involvement of the gastrointestinal tract. A GIST simulator: a study of 25 cases. *Am J Clin Pathol* 2004; Jan;121(1): p93-8.

Faria SC; Iyer RB, et al. Desmoid tumor of the small bowel and the mesentery. *AJR Am J Roentgenol* 2004; Jul;183(1): p118.

Case No. 9, Accession No. 31338

October 2011

Glendale - Leiomyosarcoma
Newport Beach (College Hospital) - Embryonal rhabdomyosarcoma
San Diego (Naval Medical Center) - Leiomyosarcoma
Alabama (Cunningham Pathology) - Myofibroblastic sarcoma
Florida, Orlando - Pleomorphic rhabdomyosarcoma
Georgia, Atlanta - Myofibroblastic sarcoma
Illinois (Heartland Regional Medical Center) - Pleomorphic undifferentiated sarcoma (MFH)
Illinois (Loyola University of Chicago) - Leiomyosarcoma
Illinois (North Shore University Systems, Evanston Hospital) - Spindle cell sarcoma, unclassified
Kansas (Coffeyville Regional Medical Center) - Malignant fibrous histiocytoma
Kansas (Peterson laboratory Services) - Myofibrosarcoma (1); Undifferentiated high grade sarcoma (1)
Maryland (University of Maryland) - Myxofibrosarcoma
New York (Buffalo General Hospital Residents) - Leiomyosarcoma
New York (SUNY Stony Brook University Hospital) - Leiomyosarcoma
Ohio, Columbus - Nodular fasciitis
Oregon (Oregon Health and Science University) - High grade pleomorphic sarcoma, morphologically consistent with MPNST
Pennsylvania (Conemaugh Memorial Medical Center) - High grade sarcoma, favor leiomyosarcoma
Philadelphia (Drexel University College of Medicine) - Rhabdomyosarcoma, embryonal type
South Carolina (Lexington Medical Center) - Leiomyosarcoma
Tennessee, Knoxville - Leiomyosarcoma
Texas, Crystal Beach - Solitary fibrous tumor, malignant
Texas, Lubbock - Leiomyosarcoma
Wisconsin, Madison - Rhabdomyosarcoma
Wisconsin (Medical Assessment and Consultation, S.C.) - Pleomorphic rhabdomyosarcoma
Canada (Pasqua Hospital) - Synovial sarcoma
Ireland (Connolly Hospital) - Malignant fibrous histiocytoma
Ireland (University Hospital, Galway) - Leiomyosarcoma
Japan (Asahi General Hospital) - Pleomorphic rhabdomyosarcoma (1); Leiomyosarcoma (1)
Japan (Setagaya-Ku) - Rhabdomyosarcoma
Japan (University of Yamanashi) - Leiomyosarcoma

Case 9 - Diagnosis:

High grade leiomyosarcoma, neck
T-Y0600, M-88903

Case 9 - References:

Akcam T; Oysul K, et al. Leiomyosarcoma of the head and neck: report of two cases and review of the literature. *Auris Nasus Larynx* 2005; Jun;32(2): p209-12.

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Case No. 10, Accession No. 31406

October 2011

Glendale - Littoral cell angioma
Newport Beach (College Hospital) - Gaucher's disease of spleen
San Diego (Naval Medical Center) - Littoral cell angioma
Alabama (Cunningham Pathology) - Littoral cell angioma
Florida, Orlando - Littoral cell angioma
Georgia, Atlanta - Littoral cell angioma of spleen
Illinois (Heartland Regional Medical Center) - Littoral cell angioma
Illinois (Loyola University of Chicago) - Littoral cell hemangioma
Illinois (North Shore University Systems, Evanston Hospital) - Littoral cell angioma
Kansas (Coffeyville Regional Medical Center) - Histiocytosis
Kansas (Peterson laboratory Services) - Littoral cell angioma (2)
Maryland (University of Maryland) - Littoral cell angioma
New York (Buffalo General Hospital Residents) - Reticular histiocytoma
New York (SUNY Stony Brook University Hospital) - Littoral cell angioma
Ohio, Columbus - Rosai-Dorfman
Oregon (Oregon Health and Science University) - Littoral cell angioma
Pennsylvania (Conemaugh Memorial Medical Center) - Littoral cell angioma
Philadelphia (Drexel University College of Medicine) - Littoral cell angioma
South Carolina (Lexington Medical Center) - Littoral cell angioma
Tennessee, Knoxville - Littoral cell angioma
Texas, Crystal Beach - Littoral cell angioma
Texas, Lubbock - Angiosarcoma
Wisconsin, Madison - Littoral cell angioma
Wisconsin (Medical Assessment and Consultation, S.C.) - Littoral cell angioma
Canada (Pasqua Hospital) - Littoral cell angioma
Ireland (Connolly Hospital) - Benign hemangioma (littoral cell angioma)
Ireland (University Hospital, Galway) - Littoral cell angioma
Japan (Asahi General Hospital) - Littoral cell angioma (1); Langerhans cell histiocytosis (1)
Japan (Setagaya-Ku) - Langerhans cell histiocytosis
Japan (University of Yamanashi) - Rosai-Dorfman's disease

Case 10 - Diagnosis:

Littoral cell hemangioma, spleen
T-07000, M-91200

Case 10 - References:

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