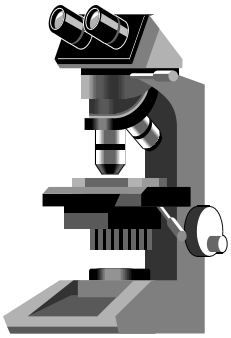
CALIFORNIA
TUMOR TISSUE REGISTRY

SOFT TISSUE PATHOLOGY

Minutes – Subscription A

April, 2007



SUGGESTED READING (General Topics from Recent Literature):

Olsen SH, Thomas DG and Lucas DR. Cluster Analysis of Immunohistochemical Profiles in Synovial Sarcoma, Malignant Peripheral Nerve Sheath Tumor, and Ewing Sarcoma. *Mod Pathol* 2006; 19:659-668.

Shimada K, Sakamoto Y, et al. Prognostic Factors After Distal Pancreatectomy with Extended Lymphadenectomy for Invasive Pancreatic Adenocarcinoma of the Body and Tail. *Surg* 2006; 139:288-295.

Morton DL, Thompson JF, et al. Sentinel-Node Biopsy or Nodal Observation in Melanoma. *N Engl J Med* 2006; 355:1307-1317.

Roman S, Lin R and Sosa JA. Prognosis of Medullary Thyroid Carcinoma. Demographic, Clinical and Pathologic Predictors of Survival in 1252 Cases. *Cancer* 2006; 107:2134-2142.

Haider K, Shahid RK, et al. Extrapulmonary Small Cell Cancer. A Canadian Province's Experience. *Cancer* 2006; 107:2262-2269.

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

(Preferably submitted on website at www.cttr.org. Click "subscriptions", then submit answers".)

CTTR Subscription A April, 2007

Case 1:
Ischemic fasciitis (atypical decubital fibroplasia), hip
T-Y1500, M-76130

Case 2:
Dermatofibrosarcoma protuberans, back
T-Y1100, M-88321

Case 3:
Diffuse neurofibroma, buttock
T-Y1600, M-95400

Case 4:
Myxoid neurofibroma, knee
T-Y9200, M-95400

Case 5:
Benign mesenchymal spindled neoplasm, likely variant of cellular schwannoma, supraclavicular
T-08220, M-95600

Case 6:
Schwannoma with degenerative changes (ancient schwannoma), thigh
T-Y9100, M-95600

Case 7:
Well-differentiated liposarcoma, retroperitoneum
T-Y4600, M-88513

Case 8:
Synovial sarcoma, biphasic, knee
T-Y9200, M-80003

Case 9:
Spindle cell lipoma, neck
T-Y0600, M-91501

Case 10:
Pleomorphic leiomyosarcoma, forearm
T-Y8500, M-88903

Case No. 1, Accession No. 30244 **April 2007**

Anaheim (Orange County Medical Center) - Benign reactive process
Baldwin Park (Kaiser Permanente) - Ischemic fasciitis (4)
Chico - Ischemic fasciitis
Clovis - Soft tissue, hip, fibrous tissue with fibrinoid necrosis
Glendale - Atypical decubital fibroplasia
Hayward/Fremont - Ischemic fasciitis
Long Beach (Long Beach VA Hospital) - Ischemic fasciitis (2)
Los Angeles - Hemangioendothelioma of uncertain malignant potential
Monterey Peninsula (Community Hospital of Monterey Peninsula) - Desmoid fibromatosis vs. degenerative stromal change
Oakland - Angiofibroma
Oakland (Alameda County Medical Center) - Ischemic fasciitis
Sacramento (UC Davis Medical Center) - Ischemic fasciitis
San Diego - Ischemic fasciitis
San Diego (Naval Medical Center) - Ischemic fasciitis
San Diego (UCSD) - Ischemic fasciitis
Santa Barbara - Organizing hematoma
Santa Rosa (Santa Rosa Memorial Hospital) - Ischemic fasciitis (2); Fasciitis with necrosis (1)
Sonoma (Sonoma Valley Hospital) - Fibroma
Woodland Hills - Ischemic fasciitis (atypical decubital fibroplasias)
Alabama (Baptist Medical Center) - Ischemic fasciitis
Colorado, Ft. Collins - Foreign body tissue reaction
Florida (Munroe Regional Medical Center) - Fibroma
Georgia, Decatur - Ischemic fasciitis
Georgia (Wellstar Kennestone Hospital) - Ischemic fasciitis
Illinois, Burr Ridge - Extraskeletal osteosarcoma (1); Ischemic fasciitis (1)
Illinois (Heartland Regional Medical Center) - Ischemic fasciitis (atypical decubital fibroplasias)
Illinois (Loyola University of Chicago) - Ischemic fasciitis
Indiana (Howard Regional Medical Center) - Bursal cyst
Kansas (Cytocheck Laboratory, LLC) - Tendon sheath fibroma (1); Reactive process (1)
Kentucky (University of Louisville) - Proliferative fasciitis vs. ischemic fasciitis
Maryland (Northwest Hospital) - Ischemic fasciitis
Maryland (University of Maryland) - Hyalinizing angiectatic tumor vs. aggressive angiomyxoma vs. ischemic fasciitis
Massachusetts (Beverly Hospital) - Ischemic fasciitis
Massachusetts, Peabody - Foreign body granuloma
Massachusetts (Tufts-New England Medical Center) - Ischemic fasciitis
Michigan (Oakland Hospital) - Ischemic fasciitis
Michigan (Pathology Services of West Michigan) - Non-specific inflammation and necrosis
Minnesota (Fairview Ridges Hospital) - Ischemic fasciitis
Missouri (Missouri Delta Medical Center) - Ischemic fasciitis
Montana (Forensic Science Division) - Ischemic fasciitis
Nebraska (Creighton University) - Benign reactive synovitis
New Mexico, Albuquerque - Organizing hemorrhage, fat necrosis, fibroma, reactive proliferation non-neoplastic vs. juxto articular myxoma
New York (Nassau University Medical Center) - Ischemic fasciitis
New York (Stony Brook University Hospital) - Ischemic fasciitis
New York (SUNY Downstate Medical Center) - Ischemic fasciitis
North Carolina (Mountain Area Pathology) - Granular cell tumor
Ohio (McCullough-Hyde Memorial Hospital) - Atypical decubital fibroplasias/fasciitis
Pennsylvania (Drexel University College) - Nodular fasciitis
Pennsylvania (Lehigh Valley Hospital) - Ischemic fasciitis
Pennsylvania (Mt Nittany Medical Center) - Atypical decubital fibroplasias (ischemic fasciitis)
Puerto Rico (University of Puerto Rico) - Ischemic fasciitis/pseudotumor
South Dakota (UCM Residents) - Ganglion
Texas, Crystal Beach - Benign connective tissue growth possibly a chondroid lipoma
Texas, Houston - Organizing fibrin and fibrosis (hematoma)
Texas, Lubbock - Angiofibroma
Texas (ProPath) - Musculoaponeurotic fibromatosis
Texas (St. Lukes Episcopal Hospital) - Reactive, pseudotumor
Texas, Sugar Land - Ischemic fasciitis
Washington (Seattle VA Medical Center) - Reactive fibroproliferative process
West Virginia (Greenbrier Valley Medical Center) - Ossifying fibromyxoid tumor

Wisconsin, Madison - Reactive granulation tissue (proliferative fasciitis)
Wisconsin (Meriter Hospital) - Reactive synovial changes
Australia (North Queensland Pathology Group) - Synovial reaction to failed joint prosthesis
Australia (Royal Hobart Hospital) - Ischemic fasciitis
Australia (Royal Prince Alfred Hospital) - Ischemic fasciitis
Australia (Sullivan Nicolaides Pathology) - Ischemic fasciitis
Brazil (Laboratorio Anatomia Pathologica Ectiologia) - Ischemic fasciitis
Canada (Pasqua Hospital) - Ischemic fasciitis
Canada (University Hospital of Sherbrooke) - Ischemic fasciitis
India, Karnataka - Grandular myxoma
Japan (Asashi General Hospital) - Desmoplastic fibroblastoma
Japan (Kyoto University Hospital) - Ischemic fasciitis
Oman (Khoula Hospital) - Ischemic fasciitis
Qatar (Hamad Medical Corporation) - Ischemic fasciitis
Saudi Arabia (King Fahad National Guard Hospital) - Fibromatosis
United Kingdom (Oxford Study Group) - Ischemic fasciitis

Case 1 - Diagnosis:

Ischemic fasciitis (atypical decubital fibroplasia), hip
T-Y1500, M-76130

Case 1 – References:

Deligdisch L. Ischemic Fasciitis. A Juxta-Skeletal Fibroblastic Proliferation with a Predilection for Elderly Patients. *Mod Pathol* 1993; 6(1):69-72.

Kendall BS, Liang CY, Lancaster KJ, et al. Ischemic Fasciitis. Report of a Case with Fine Needle Aspiration Findings. *Acta Cytol* 1997; 41(2):598-602.

Tsui JK and Wong NL. Fine Needle Aspiration Cytology of Pseudosarcomatous Reactive Proliferative Lesions of Soft Tissue. *Acta Cytol* 2002; 46(6):1049-1055.

Washing D and 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; 128(10):139-140.

Ilasian H, Joyce M, Bauer T, et al. Decubital Ischemic Fasciitis. Clinical, Pathologic, and MRI Features of Pseudosarcoma. *AJR Am J Roentgenol* 2006; 187(5):1338-1341.

Scanion R, Kelehan P, Flannelly G, et al. Ischemic Fasciitis. An Unusual Vulvovaginal Spindle Cell Lesion. *Int J Gynecol Pathol* 2004; 23(1):65-67.

Case No. 2, Accession No. 30220 April 2007

Anaheim (Orange County Medical Center) - Dermatofibrosarcoma protuberans
Baldwin Park (Kaiser Permanente) - DFSP (1); Solitary fibrous tumor (3)
Chico - Dermatofibrosarcoma protuberans
Clovis - Skin, back, dermatofibrosarcoma protuberans
Glendale - Dermatofibrosarcoma protuberans
Hayward/Fremont - Spindle lipoma
Long Beach (Long Beach VA Hospital) - Dermatofibrosarcoma protuberans (2)
Los Angeles - Neurofibroma
Monterey Peninsula (Community Hospital of Monterey Peninsula) - Solitary fibrous tumor
Oakland - DFSP
Oakland (Alameda County Medical Center) - Dermatofibrosarcoma protuberans
Sacramento (UC Davis Medical Center) - Dermatofibrosarcoma protuberans
San Diego - Dermatofibrosarcoma protuberans
San Diego (Naval Medical Center) - Dermatofibrosarcoma protuberans
San Diego (UCSD) - Dermatofibrosarcoma protuberans
Santa Barbara - Dermatofibrosarcoma protuberans
Santa Rosa (Santa Rosa Memorial Hospital) - Dermatofibrosarcoma protuberans (3)
Sonoma (Sonoma Valley Hospital) - Dermatofibrosarcoma protuberans
Woodland Hills - Dermatofibrosarcoma protuberans
Alabama (Baptist Medical Center) - Dermatofibrosarcoma protuberans
Arkansas (University of Arkansas for Medical Sciences) - Dermatofibrosarcoma protuberans, back
Colorado, Ft. Collins - Solitary fibrous tumor
Florida (Munroe Regional Medical Center) - Dermatofibrosarcoma protuberans
Georgia, Decatur - Dermatofibrosarcoma protuberans

Georgia (Wellstar Kennestone Hospital) - Dermatofibrosarcoma protuberans
Illinois, Burr Ridge - Dermatofibrosarcoma protuberans (2)
Illinois (Heartland Regional Medical Center) - Dermatofibrosarcoma protuberans
Illinois (Loyola University of Chicago) - Dermatofibrosarcoma protuberans
Indiana (Howard Regional Medical Center) - Dermatofibrosarcoma protuberans
Kansas (Cytocheck Laboratory, LLC) - Solitary fibrous tumor (1); Neurilemmoma (1)
Kentucky (University of Louisville) - Solitary fibrous tumor
Maryland (Northwest Hospital) - Dermatofibrosarcoma protuberans
Maryland (University of Maryland) - Dermatofibrosarcoma protuberans
Massachusetts (Beverly Hospital) - Dermatofibrosarcoma protuberans
Massachusetts, Peabody - Dermatofibrosarcoma protuberans
Massachusetts (Tufts-New England Medical Center) - Dermatofibrosarcoma protuberans
Michigan (Oakland Hospital) - Dermatofibrosarcoma protuberans
Michigan (Pathology Services of West Michigan) - Dermatofibrosarcoma protuberans
Minnesota (Fairview Ridges Hospital) - Dermatofibrosarcoma protuberans
Missouri (Missouri Delta Medical Center) - Dermatofibrosarcoma protuberans
Montana (Forensic Science Division) - Dermatofibrosarcoma protuberans
Nebraska (Creighton University) - Dermatofibrosarcoma protuberans
New Mexico, Albuquerque - Dermatofibrosarcoma protuberans
New York (Nassau University Medical Center) - Dermatofibrosarcoma protuberans
New York (Stony Brook University Hospital) - Dermatofibrosarcoma protuberans
New York (SUNY Downstate Medical Center) - Dermatofibrosarcoma protuberans
North Carolina (Mountain Area Pathology) - Myxoma
Ohio (McCullough-Hyde Memorial Hospital) - Dermatofibrosarcoma protuberans
Pennsylvania (Drexel University College) - Solitary fibrous tumor
Pennsylvania (Lehigh Valley Hospital) - Dermatofibrosarcoma protuberans
Pennsylvania (Mt Nittany Medical Center) - Spindle cell lipoma
Puerto Rico (Uniersity of Puerto Rico) - Dermatofibrosarcoma protuberans
South Dakota (LCM Residents) - Dermatofibrosarcoma protuberans
Texas, Crystal Beach - Hemangioma spindle cell
Texas, Houston - Dermatofibrosarcoma protuberans
Texas, Lubbock - Dermatofibrosarcoma protuberans
Texas (ProPath) - Dermatofibrosarcoma protuberans
Texas (St. Lukes Episcopal Hospital) - Dermatofibrosarcoma protuberans
Texas, Sugar Land - Dermatofibrosarcoma
Washington (Seattle VA Medical Center) - Neoplastic fibroproliferative process, focally invasive, dermatofibrosarcoma protuberans
West Virginia (Greenbrier Valley Medical Center) - Nodular fasciitis
Wisconsin, Madison - Dermatofibrosarcoma protuberans
Wisconsin (Meriter Hospital) - Dermatofibrosarcoma protuberans
Australia (North Queensland Pathology Group) - Dermatofibrosarcoma protuberans
Australia (Royal Hobart Hospital) - Dermatofibrosarcoma protuberans
Australia (Royal Prince Alfred Hospital) - Dermatofibrosarcoma protuberans
Australia (Sullivan Nicolaides Pathology) - Dermatofibrosarcoma protuberans
Brazil (Laboratorio Anatomia Pathologica Ectiologia) - Dermatofibrosarcoma protuberans
Canada (Pasqua Hospital) - Dermatofibrosarcoma protuberans
Canada (University Hospital of Sherbrooke) - Dermatofibrosarcoma protuberans
India, Karnataka - Renal cell carcinoma
Japan (Asashi General Hospital) - Extrapleural solitary fibrous tumor
Japan (Kyoto University Hospital) - Dermatofibrosarcoma protuberans
Oman (Khoula Hospital) - Dermatofibrosarcoma protuberans
Qatar (Hamad Medical Corporation) - Dermatofibrosarcoma protuberans
Saudi Arabia (King Fahad National Guard Hospital) - Dermatofibrosarcoma protuberans
United Kingdom (Oxford Study Group) - Dermatofibrosarcoma protuberans

Case 2 - Diagnosis:

Dermatofibrosarcoma protuberans, back
T-Y1100, M-88321

Case 2 - References:

Saeki H, Tsunemi Y, Ohtuski M, et al. Gene Mutation Analysis in Five Cases of Dermatofibrosarcoma Protuberans Using Formalin-Fixed, Paraffin-Embedded Tissues. *Acta Derm Venereol* 2005; 85(3):221-224.
Dominguez-Malagon H, Valdez-Carrillo Mdel C, et al. Dermatofibroma and Dermatofibrosarcoma Protuberans. A Comparative Ultrastructural Study. *Ultrastruct Pathol* 2006; 30(4):283-291.

Gu W, Ogose A, Kawashima H, et al. Congenital Dermatofibrosarcoma Protuberans with Fibrosarcomatous and Myxoid Change. *J Clin Pathol* 2005; 58(9):984-986.
Domanski HA. FNA Diagnosis of Dermatofibrosarcoma Protuberans. *Diagn Cytopathol* 2005; 32(5):299-302.
Mendenhall Wm, Zlotecki RA and Scarborough MT. Dermatofibrosarcoma Protuberans. *Cancer* 2004; 101(11):2503-2508.
McArthur G. Molecularly Targeted Treatment for Dermatofibrosarcoma Protuberans. *Semin Oncol* 2004; 32:30-36.

Case No. 3, Accession No. 30367 April 2007

Anaheim (Orange County Medical Center) - Neurofibroma
Baldwin Park (Kaiser Permanente) - Spindle cell lipoma (4)
Chico - Neurofibroma with fatty infiltration (vs. hamartoma)
Clovis - Buttock, neurofibroma, diffuse
Glendale - Diffuse neurofibroma
Hayward/Fremont - Neural fibrolipoma vs. spindle lipoma
Long Beach (Long Beach VA Hospital) - Angiomyolipoma (2)
Los Angeles - Neurilemoma
Monterey Peninsula (Community Hospital of Monterey Peninsula) - Angiomyolipoma
Oakland - Spindle cell lipoma
Oakland (Alameda County Medical Center) - Diffuse neurofibroma
Sacramento (UC Davis Medical Center) - Fibrolipomatous hamartoma
San Diego - Spindle cell lipoma
San Diego (Naval Medical Center) - Atypical fibrous lipomatous tumor
San Diego (UCSD) - Lipoma, spindle cell type
Santa Barbara - Angiolipoma
Santa Rosa (Santa Rosa Memorial Hospital) - Lipoma/hamartoma (1); Lipoma (2)
Sonoma (Sonoma Valley Hospital) - Spindle cell lipoma
Woodland Hills - Spindle cell lipoma
Alabama (Baptist Medical Center) - Neurofibroma
Arkansas (University Arkansas for Medical Sciences) - Neurofibroma, diffuse type, buttock
Colorado, Ft. Collins - Neurofibroma
Florida (Munroe Regional Medical Center) - Neurofibrolipoma
Georgia, Decatur - Neurofibroma, diffuse
Georgia (Wellstar Kennestone Hospital) - Spindle cell lipoma
Illinois, Burr Ridge - Angiolipoma (1); Spindle cell lipoma (1)
Illinois (Heartland Regional Medical Center) - Fibrolipoma
Illinois (Loyola University of Chicago) - Lipoma
Indiana (Howard Regional Medical Center) - Angiolipoma
Kansas (Cytocheck Laboratory, LLC) - Angiomyolipoma (1); Lipoma (1)
Kentucky (University of Louisville) - Benign lipoma variant, favor neurofibrolipoma
Maryland (Northwest Hospital) - Lipoblastic nerve sheath tumor
Maryland (University of Maryland) - Gliomangiomatosis
Massachusetts (Beverly Hospital) - Neurofibroma
Massachusetts, Peabody - Superficial fibromatosis
Massachusetts (Tufts-New England Medical Center) - Fibrolipoma
Michigan (Oakland Hospital) - Angiolipoma
Michigan (Pathology Services of West Michigan) - Lipoma
Minnesota (Fairview Ridges Hospital) - Diffuse neurofibroma
Missouri (Missouri Delta Medical Center) - Fibrolipoma
Montana (Forensic Science Division) - Spindle cell lipoma
Nebraska (Creighton University) - Spindle cell lipoma
New Mexico, Albuquerque - Myxoid liposarcoma
New York (Nassau University Medical Center) - Myolipoma
New York (Stony Brook University Hospital) - Fibrolipoma
New York (SUNY Downstate Medical Center) - Atypical lipomatous tumor
North Carolina (Mountain Area Pathology) - Schwannoma
Ohio (McCullough-Hyde Memorial Hospital) - Plexiform neurofibroma
Pennsylvania (Drexel University College) - Spindle cell lipoma
Pennsylvania (Lehigh Valley Hospital) - Spindle cell lipoma
Pennsylvania (Mt Nittany Medical Center) - Intramuscular lipoma
Puerto Rico (University of Puerto Rico) - Diffuse neurofibroma/spindle cell lipoma
South Dakota (LCM Residents) - Spindle cell lipoma

Texas, Crystal Beach - Atypical lipomatous tumor
Texas, Houston - Neurofibrolipoma
Texas, Lubbock - Spindle cell lipoma
Texas (ProPath) - Spindle cell lipoma
Texas (St. Lukes Episcopal Hospital) - Neurofibroma, diffuse
Texas, Sugar Land - Neurofibroma
Washington (Seattle VA Medical Center) - Neoplastic fibroproliferative process in fat, low grade growth, spindle cell lipoma
West Virginia (Greenbrier Valley Medical Center) - Atypical lipomatous tumor
Wisconsin, Madison - Fibrolipoma/spindle cell lipoma
Wisconsin (Meriter Hospital) - Spindle cell lipoma
Australia (North Queensland Pathology Group) - Lipomatosis of buttock
Australia (Royal Hobart Hospital) - Diffuse neurofibroma
Australia (Royal Prince Alfred Hospital) - Diffuse type neurofibroma
Australia (Sullivan Nicolaides Pathology) - Spindle cell lipoma
Brazil (Laboratorio Anatomia Pathologica Ectiologia) - Diffuse neurofibroma
Canada (Pasqua Hospital) - Diffuse neurofibroma
Canada (University Hospital of Sherbrooke) - Lipoma
India, Karnataka - Pleomorphic adenoma with ossification
Japan (Asashi General Hospital) - Angiolipoma
Japan (Kyoto University Hospital) - Diffuse neurofibroma
Oman (Khoula Hospital) - Spindle cell lipoma
Qatar (Hamad Medical Corporation) - Neurofibroma
Saudi Arabia (King Fahad National Guard Hospital) - Angiolipoma
United Kingdom (Oxford Study Group) - Plexiform neurofibroma

Case 3 - Diagnosis:

Diffuse neurofibroma, buttock
T-Y1600, M-95400

Directors Note: Diffuse neurofibroma may incorporate fat and because of spindled cells, may mimic spindle cell lipoma. The location, however, is helpful in their distinction. (drc)

Case 3 - References:

Sinha R, Paul R, Sen I, et al. A Solitary Huge Neurofibroma of the Soft Palate. *L Laryngol Otol* 2002 116(8):637-638.
Goldberg NS and Collins FS. The Hunt for the Neurofibromatosis Gene. *Arch Dermatol* 1991; 127(11):1705-1707.
Atlas of Tumor Pathology, Third Series Fascicle 24. Tumors of the Peripheral Nervous System by Scheithauer, Woodruff and Erlanson PH.D. Armed Forces Institute of Pathology, Washington D.C. 1997. Chapter 8, Neurofibroma 177-216.
van Zuuren EJ and Posma AN. Diffuse Neurofibroma on the Lower Back. *J Am Acad Dermatol* 2003; 48(6):938-940.
Hattori H. Vacuolated Cells in Neurofibroma. An Immunohistochemical Study. *J Cutan Pathol* 205; 32(2):158-161.
Val-Bernal JF and Gonzalez-Vela MC. Cutaneous Lipomatous Neurofibroma. Characterization and Frequency. *J Cutan Pathol* 2005; 32(4):274-279.

Case No. 4, Accession No. 30143 April 2007

Anaheim (Orange County Medical Center) - Myxoid neurofibroma
Baldwin Park (Kaiser Permanente) - Myxoid neurofibroma
Chico - Neurofibroma
Clovis - Neurofibroma, knee
Glendale - Neurofibroma
Hayward/Fremont - Neurofibroma
Long Beach (Long Beach VA Hospital) - Neurofibroma with myxoid degeneration (2)
Los Angeles - Juxtaarticular myxoma
Monterey Peninsula (Community Hospital of Monterey Peninsula) - Myxoid neurofibroma
Oakland - Neurofibroma
Oakland (Alameda County Medical Center) - Myxoid neurofibroma
Sacramento (UC Davis Medical Center) - Neurofibroma
San Diego - Neurofibroma
San Diego (Naval Medical Center) - Neurofibroma
San Diego (UCSD) - Neurofibroma
Santa Barbara - Neurofibroma

Santa Rosa (Santa Rosa Memorial Hospital) - Neurofibroma (3)
Sonoma (Sonoma Valley Hospital) - Myxoid neurofibroma
Woodland Hills - Neurofibroma
Alabama (Baptist Medical Center) - Neurofibroma
Arkansas (University of Arkansas for Medical Sciences) - Neurilemmoma, knee
Colorado, Ft. Collins - Myxoid schwannoma
Florida (Munroe Regional Medical Center) - Myxoma
Georgia, Decatur - Neurofibroma
Georgia (Wellstar Kennestone Hospital) - Neurofibroma
Illinois, Burr Ridge - Schwannoma (2)
Illinois (Heartland Regional Medical Center) - Myxoid schwannoma
Illinois (Loyola University of Chicago) - Neurofibroma
Indiana (Howard Regional Medical Center) - Neurofibroma
Kansas (Cytocheck Laboratory, LLC) - Myxoid neurofibroma (2)
Kentucky (University of Louisville) - Myxoid neurofibroma
Maryland (Northwest Hospital) - Neurofibroma
Maryland (University of Maryland) - Neurofibroma
Massachusetts (Beverly Hospital) - Atypical lipomatous tumor
Massachusetts, Peabody - Neurofibroma, knee
Massachusetts (Tufts-New England Medical Center) - Neurofibroma
Michigan (Oakland Hospital) - Neurofibroma
Michigan (Pathology Services of West Michigan) - Myxoma
Minnesota (Fairview Ridges Hospital) - Intraneural neurofibroma
Missouri (Missouri Delta Medical Center) - Schwannoma
Montana (Forensic Science Division) - Myxoid neurofibroma
Nebraska (Creighton University) - Neurofibroma
New Mexico, Albuquerque - Schwannoma with degenerative changes vs. neurofibroma
New York (Nassau University Medical Center) - Neurofibroma
New York (Stony Brook University Hospital) - Myxoid neurofibroma
New York (SUNY Downstate Medical Center) - Neurofibroma
North Carolina (Mountain Area Pathology) - Angiosarcoma
Ohio (McCullough-Hyde Memorial Hospital) - Neuilemmoma
Pennsylvania (Drexel University College) - Sporadic neurofibroma
Pennsylvania (Lehigh Valley Hospital) - Neurofibroma
Pennsylvania (Mt Nittany Medical Center) - Myxoid neurofibroma
Puerto Rico (University of Puerto Rico) - Myxoid schwannoma
South Dakota (LCM Residents) - Neurilemmoma (schwannoma)
Texas, Crystal Beach - Benign neural tumor, neurofibroma, traumatic neuroma
Texas, Houston - Neurofibroma
Texas, Lubbock - Neurilemmoma
Texas (ProPath) - Neurilemmoma
Texas (St. Lukes Episcopal Hospital) - Neurofibroma, myxoid
Texas, Sugar Land - Juxta-articular myxoma
Washington (Seattle VA Medical Center) - Neurofibroma (? Reactive process with underlying abnormal gene response)
West Virginia (Greenbrier Valley Medical Center) - Juxta-articular myxoma
Wisconsin, Madison - Neurofibroma
Wisconsin (Meriter Hospital) - Neurofibroma
Australia (North Queensland Pathology Group) - Myxoid neurofibroma
Australia (Royal Hobart Hospital) - Neurofibroma
Australia (Royal Prince Alfred Hospital) - Solitary neurofibroma
Australia (Sullivan Nicolaides Pathology) - Myxoid neurofibroma
Brazil (Laboratorio Anatomia Pathologica Ectiologia) - Myxoid neurofibroma
Canada (Pasqua Hospital) - Neurofibroma
Canada (University Hospital of Sherbrooke) - Neurofibroma (myxoid type)
India, Karnataka - Lipid rich sertoli cell tumor, ovary
Japan (Asashi General Hospital) - Neurofibroma
Japan (Kyoto University Hospital) - Plexiform neurofibroma
Oman (Khoula Hospital) - Neurofibroma
Qatar (Hamad Medical Corporation) - Neurilemmoma with degenerative changes (3); Neurofibroma (2)
Saudi Arabia (King Fahad National Guard Hospital) - Soft tissue myxoma
United Kingdom (Oxford Study Group) - Myxoid neurofibroma

Case 4 - Diagnosis:

Myxoid neurofibroma, knee
T-Y9200, M-95400

Case 4 - References:

Fetsch JF, Laskin Wb, and Miettinen M. Nerve Sheath Myxoma. A Clinicopathologic and Immunohistochemical Analysis of 57 Morphologically Distinctive, S-100 Protein and AFAP-Postive, Myxoid Peripheral Nerve Sheath Tumors with A Predilection for the Extremities and a High Local Recurrence Rate. *Am J Surg Pathol* 2005; 29(12):1615-1624.

Dhouib RS, Driss M, Sassi S, et al. Myxoid Tumor of Soft Tissue. *Pathologica* (Italy) 2006; 98(3):175-177.

Gmyrek RF. Beer R. Silvers DN. et al. Periungual Myxoid Neurofibroma. *Cutis* 2002; 69(1):54-56.

Kottler UB, Conway RM, Schlotzer-Schrehardt U, et al. Isolated Neurofibroma of the Orbit with Extensive Myxoid Changes. A Clinicopathologic Study Inculding MRI and Electron Microscopic Findings. *Orbit* (Netherlands); 2004; 23(1):59-64.

Case No. 5, Accession No. 30331 April 2007

Anaheim (Orange County Medical Center) - Nodular fasciitis
Baldwin Park (Kaiser Permanente) - Nodular fasciitis (3); Neurofibroma (myxoid) (1)
Chico - Nodular Kaposi's sarcoma vs. nodular fasciitis
Clovis - Supraclavicular, spindle cell lesion, suspect K.S., need IHC
Glendale - Cellular schwannoma
Hayward/Fremont - MPNST with squamous differentiation
Long Beach (Long Beach VA Hospital) - Nodular fasciitis (2)
Los Angeles - Synovial sarcoma
Monterey Peninsula (Community Hospital of Monterey Peninsula) - Nodular fasciitis vs. DFSP
Oakland - Nodular fasciitis
Oakland (Alameda County Medical Center) - Vasoproliferation
Sacramento (UC Davis Medical Center) - Schwannoma
San Diego - Nodular fasciitis
San Diego (Naval Medical Center) - Nodular fasciitis
San Diego (UCSD) - Nodular fasciitis
Santa Barbara - Kaposi's sarcoma
Santa Rosa (Santa Rosa Memorial Hospital) - Synovial sarcoma (3)
Sonoma (Sonoma Valley Hospital) - MPNST malignant peripheral nerve sheath tumor
Woodland Hills - Solitary fibrous tumor
Alabama (Baptist Medical Center) - Solitary fibrous tumor
Arkansas (University of Arkansas for Medical Sciences) - Ectopic hamartomatous thymoma, neck
Colorado, Ft. Collins - Nodular fasciitis
Florida (Munroe Regional Medical Center) - Kaposi's sarcoma
Georgia, Decatur - Kaposi's sarcoma
Georgia (Wellstar Kennestone Hospital) - Kaposi's sarcoma
Illinois, Burr Ridge - Nodular fasciitis (1); Hemangiopericytoma (1)
Illinois (Heartland Regional Medical Center) - Kaposi form neoplasm, NOS
Illinois (Loyola University of Chicago) - Ectopic hamartomatous thymoma
Indiana (Howard Regional Medical Center) - Kaposi's sarcoma
Kansas (Cytocheck Laboratory, LLC) - Nodular fasciitis (1); Fibroma (1)
Kentucky (University of Louisville) - Nodular fasciitis
Maryland (Northwest Hospital) - Kaposi's sarcoma
Maryland (University of Maryland) - Kaposi's sarcoma vs. HPC
Massachusetts (Beverly Hospital) - Spindle cell lipoma
Massachusetts, Peabody - Neurofibroma, supraclavicular
Massachusetts (Tufts-New England Medical Center) - Kaposi's sarcoma
Michigan (Oakland Hospital) - Schwannoma
Michigan (Pathology Services of West Michigan) - Low grade spindle cell tumor
Minnesota (Fairview Ridges Hospital) - Ectopic hamartomatous thymoma
Missouri (Missouri Delta Medical Center) - Fibrosarcoma
Montana (Forensic Science Division) - Ectopic hamartomatous thymoma
Nebraska (Creighton University) - Solitary fibrous tumor
New Mexico, Albuquerque - Carcinosarcoma
New York (Nassau University Medical Center) - Hemangioendothelioma
New York (Stony Brook University Hospital) - Spindle epithelial tumor with thymic-like differentiation

New York (SUNY Downstate Medical Center) - Myofibroblastic tumor vs. neurosarcoma, low grade
North Carolina (Mountain Area Pathology) - Leiomyosarcoma
Ohio (McCullough-Hyde Memorial Hospital) - Hemangiopericytoma
Pennsylvania (Drexel University College) - Hemangiopericytoma
Pennsylvania (Lehigh Valley Hospital) - Nodular fasciitis
Pennsylvania (Mt Nittany Medical Center) - Cellular fibrous histiocytoma
Puerto Rico (University of Puerto Rico) - Nodular fasciitis
South Dakota (LCM Residents) - Neurofibroma
Texas, Crystal Beach - Nodular fasciitis
Texas, Houston - Fibromatosis
Texas, Lubbock - Neurilemmoma
Texas (ProPath) - Kaposi's sarcoma
Texas (St. Lukes Episcopal Hospital) - Schwannoma
Texas, Sugar Land - Ectopic hamartomatous thymoma
Washington (Seattle VA Medical Center) - Atypical reactive fibroproliferative process, nodular fasciitis
West Virginia (Greenbrier Valley Medical Center) - Dermatofibrosarcoma protuberance
Wisconsin, Madison - Solitary fibrous tumor
Wisconsin (Meriter Hospital) - Ectopic thymoma
Australia (North Queensland Pathology Group) - Nodular fasciitis
Australia (Royal Hobart Hospital) - Cellular schwannoma
Australia (Royal Prince Alfred Hospital) - Ectopic hamartomatous thymoma
Australia (Sullivan Nicolaides Pathology) - Solitary fibrous tumor
Brazil (Laboratorio Anatomia Pathologica Ectiologia) - Cellular schwannoma (1); Perineurioma (1)
Canada (Pasqua Hospital) - Schwannoma
Canada (University Hospital of Sherbrooke) - Kaposi sarcoma
India, Karnataka - Low grade malignant phyllodes
Japan (Asashi General Hospital) - Nodular fasciitis
Japan (Kyoto University Hospital) - Ectopic hamartomatous thymoma
Qatar (Hamad Medical Corporation) - Leiomyoma
Saudi Arabia (King Fahad National Guard Hospital) - Kaposi sarcoma
United Kingdom (Oxford Study Group) - Solitary fibrous tumor

Case 5 - Diagnosis:

Benign mesenchymal spindled neoplasm, likely variant of cellular schwannoma, supraclavicular
T-08220, M-95600

Case 5 - References:

Kurtkaya-Yapicier O, Scheithauer B and Woodruff JM. The Pathobiologic Spectrum of Schwannomas. *Histol Histopathol* 2003; 18(3):925-934.

Casadei GP, Scheithauer BW, Hirose T, et al. Cellular Schwannoma. A Clinicopathologic, DNA Flow Cytometric, and Proliferation Marker Study of 70 Patients. *Cancer* 1995; 75(5):1109-1119.

Lodding P, Kindblom LG, Angervall L, et al. Cellular Schwannoma. A Clinicopathologic Study of 29 Cases. *Virchows Arch A Pathol Anat Histopathol* 1990; 416(3):237-248.

Sehgal VN, Gupta RL, Bhatia A, et al. Solitary Cellular Schwannoma (Neurilemmoma) Showing Malignant Changes. Evaluation Through Magnetic Resonace Imagina (M.R.I.), Surgical Intervention, and Histopathology. *J Dermatol* 1999; 26(3):189-195.

Case No. 6, Accession No. 30335 April 2007

Anaheim (Orange County Medical Center) - Hyalinized and thrombosed schwannoma
Baldwin Park (Kaiser Permanente) - Schwannoma (4)
Chico - Schwannoma
Clovis - Angioneurofibroma, thigh
Glendale - Schwannoma with degenerative changes
Hayward/Fremont - Neurilemmoma
Long Beach (Long Beach VA Hospital) - Schwannoma with degenerative change (2)
Los Angeles - Extra skeletal myxoid chondrosarcoma
Monterey Peninsula (Community Hospital of Monterey Peninsula) - Schwannoma with hyalinized vessels
Oakland - Neurofibroma
Oakland (Alameda County Medical Center) - Schwannoma
Sacramento (UC Davis Medical Center) - Schwannoma

San Diego - Ancient schwannoma
San Diego (Naval Medical Center) - Ancient schwannoma
San Diego (UCSD) - Schwannoma
Santa Barbara - Neurofibroma
Santa Rosa (Santa Rosa Memorial Hospital) - Ancient schwannoma (1); Schwannoma with degenerative changes (1); Benign nerve sheath tumor (schwannoma) (1)
Sonoma (Sonoma Valley Hospital) - Schwannoma
Woodland Hills - Schwannoma
Alabama (Baptist Medical Center) - Malignant peripheral nerve sheath tumor
Arkansas (University of Arkansas for Medical Sciences) - Schwannoma with degenerative changes, thigh
Colorado, Ft. Collins - Extra skeletal chondrosarcoma
Florida (Munroe Regional Medical Center) - Schwannoma
Georgia, Decatur - Schwannoma
Georgia (Wellstar Kennestone Hospital) - Schwannoma
Illinois, Burr Ridge - MPNST (1); Schwannoma (1)
Illinois (Heartland Regional Medical Center) - Schwannoma
Illinois (Loyola University of Chicago) - Schwannoma
Indiana (Howard Regional Medical Center) - Lymphangioma
Kansas (Cytocheck Laboratory, LLC) - Myofibroblastic tumor vs. schwannoma (1); Mixed tumor (1)
Kentucky (University of Louisville) - Ossifying fibromyxoid tumor
Maryland (Northwest Hospital) - Schwannoma
Maryland (University of Maryland) - Ancient schwannoma
Massachusetts (Beverly Hospital) - Schwannoma
Massachusetts, Peabody - Plexiform neurofibroma, thigh
Massachusetts (Tufts-New England Medical Center) - Schwannoma
Michigan (Oakland Hospital) - Schwannoma
Michigan (Pathology Services of West Michigan) - Liposarcoma
Minnesota (Fairview Ridges Hospital) - Schwannoma
Missouri (Missouri Delta Medical Center) - Schwannoma
Montana (Forensic Science Division) - Schwannoma
Nebraska (Creighton University) - Schwannoma
New Mexico, Albuquerque - Schwannoma
New York (Nassau University Medical Center) - Schwannoma
New York (Stony Brook University Hospital) - Schwannoma
New York (SUNY Downstate Medical Center) - Asian schwannoma
North Carolina (Mountain Area Pathology) - Angiosarcoma
Ohio (McCullough-Hyde Memorial Hospital) - Schwannoma
Pennsylvania (Drexel University College) - Ancient schwannoma
Pennsylvania (Lehigh Valley Hospital) - Schwannoma
Pennsylvania (Mt Nittany Medical Center) - Ancient schwannoma
Puerto Rico (University of Puerto Rico) - Ancient schwannoma
South Dakota (LCM Residents) - Ancient schwannoma
Texas, Crystal Beach - Lesion possible synovial origin with hyalinization of vessels and foci of ossification, likely benign
Texas, Houston - Neurofibroma
Texas, Lubbock - Neurilemmoma
Texas (ProPath) - Schwannoma
Texas (St. Lukes Episcopal Hospital) - Schwannoma
Texas, Sugar Land - Schwannoma
Washington (Seattle VA Medical Center) - Schwannoma
West Virginia (Greenbrier Valley Medical Center) - Schwannoma
Wisconsin, Madison - Neurilemmoma
Wisconsin (Meriter Hospital) - Schwannoma
Australia (North Queensland Pathology Group) - Non-ossifying variant of ossifying fibromyxoid tumor
Australia (Royal Hobart Hospital) - Degenerate schwannoma
Australia (Royal Prince Alfred Hospital) - Schwannoma
Australia (Sullivan Nicolaides Pathology) - Schwannoma
Brazil (Laboratorio Anatomia Pathologica Ectiologia) - Schwannoma with cystic changes
Canada (Pasqua Hospital) - Schwannoma
Canada (University Hospital of Sherbrooke) - Schwannoma
India, Karnataka - Non-Hodgkin lymphoma (malignant histiocytosis)
Japan (Asashi General Hospital) - Ancient schwannoma
Japan (Kyoto University Hospital) - Schwannoma, ancient or cystic
Qatar (Hamad Medical Corporation) - Schwannoma

Saudi Arabia (King Fahad National Guard Hospital) - Schwannoma
United Kingdom (Oxford Study Group) - Schwannoma

Case 6 - Diagnosis:

Schwannoma with degenerative changes (ancient schwannoma), thigh
T-Y9100, M-95600

Case 6 - References:

Argenyi ZB, Balogh K and Abraham AA. Degenerative ("Ancient") Changes in Benign Cutaneous Schwannoma. A Light Microscopic, Histochemical and Immunohistochemical Study. *J Cutan Pathol* 1993; 20(2):148-153.

Mikami Y Hidaka T, Akisada T, et al. Malignant Peripheral Nerve Sheath Tumor Arising in Benign Ancient Schwannoma. A Case Report with an Immunohistochemical Study. *Pathol Int* 2000; 50(2):156-161.

Bondy PC, Block RM and Green J. Ancient Schwannoma of the Submandibular Gland. A Case Report. *Ear Nose Throat* J 1996; 75(12):781-783.

Klijanienko J, Caillaud JM and Lagace R. Cytohistologic Correlations in Schwannomas (Neuilemmomas), Including "Ancient", Cellular, and Epithelioid Variants. *Diagn Cytopathol* 2006; 34(8):517-522.

Kara M, Ozkan M, Sak SD, et al. Giant Ancient Schwannoma of the Posterior Mediastinum Cytologically Misdiagnosed as a Malaignant Tumour. A Case Report. *Acta Chir Belg* (Belgium) 2002; 102(6): 464-466.

Giglio M, Giasotto V, Medica M, et al. Retroperitoneal Ancient Schwannoma. Case Report and Analysis of Clinico-Radiological Findings. Ann Urol (Paris) 2002; 36(2):104-106.

Strouhal e and Nemeckova A. Paleopathological Find of a Sacral Neurilemmoma from Ancient Egypt. *Am J Phys Anthropol* 2004; 125(4):320-328.

Case No. 7, Accession No. 29186 April 2007

Anaheim (Orange County Medical Center) - Atypical lipomatous tumor/well-differentiated liposarcoma
Baldwin Park (Kaiser Permanente) - Well-differentiated liposarcoma, sclerosing type (4)
Chico - Well-differentiated liposarcoma
Clovis - Retroperitoneal liposarcoma
Glendale - Well-differentiated liposarcoma
Hayward/Fremont - Well differentiated liposarcoma
Long Beach (Long Beach VA Hospital) - Liposarcoma, well-differentiated (1); Well-differentiated, liposarcoma (1)
Los Angeles - Myxoid liposarcoma
Monterey Peninsula (Community Hospital of Monterey Peninsula) - Well-differentiated liposarcoma
Oakland - Liposarcoma
Oakland (Alameda County Medical Center) - Well-differentiated liposarcoma
Sacramento (UC Davis Medical Center) - Well-differentiated liposarcoma
San Diego - Well-differentiated liposarcoma
San Diego (Naval Medical Center) - Well-differentiated liposarcoma
San Diego (UCSD) - Atypical lipomatous tumor /lipomatous type liposarcoma
Santa Barbara - Liposarcoma
Santa Rosa (Santa Rosa Memorial Hospital) - Liposarcoma (1); Myxoid liposarcoma (2)
Sonoma (Sonoma Valley Hospital) - Well-differentiated liposarcoma with myxoid change
Woodland Hills - Myxoid liposarcoma
Alabama (Baptist Medical Center) - Myxoid liposarcoma
Arkansas (University of Arkansas for Medical Sciences) - Well-differentiated liposarcoma, retroperitoneum
Colorado, Ft. Collins - Myxoid liposarcoma
Florida (Munroe Regional Medical Center) - Well-differentiated liposarcoma
Georgia, Decatur - Well-differentiated liposarcoma
Georgia (Wellstar Kennestone Hospital) - Liposarcoma
Illinois, Burr Ridge - Pleomorphic lipoma (1); Myxoid liposarcoma (1); Pleomorphic lipoma (1)
Illinois (Heartland Regional Medical Center) - Well-differentiated liposarcoma
Illinois (Loyola University of Chicago) - Myxoid liposarcoma
Indiana (Howard Regional Medical Center) - Atypical lipomatous tumor
Kansas (Cytocheck Laboratory, LLC) - Low grade liposarcoma (2)
Kentucky (University of Louisville) - Well-differentiated liposarcoma
Maryland (Northwest Hospital) - Well-differentiated liposarcoma
Maryland (University of Maryland) - Myxoid liposarcoma
Massachusetts (Beverly Hospital) - Well-differentiated liposarcoma
Massachusetts, Peabody - Well-differentiated liposarcoma, retroperitoneal
Massachusetts (Tufts-New England Medical Center) - Well-differentiated liposarcoma

Michigan (Oakland Hospital) - Well-differentiated liposarcoma
Michigan (Pathology Services of West Michigan) - Well-differentiated liposarcoma
Minnesota (Fairview Ridges Hospital) - Liposarcoma, well-differentiated
Missouri (Missouri Delta Medical Center) - Atypical lipoma
Montana (Forensic Science Division) - Well-differentiated liposarcoma
Nebraska (Creighton University) - Well-differentiated liposarcoma
New Mexico, Albuquerque - Well-differentiated liposarcoma
New York (Nassau University Medical Center) - Pleomorphic lipoma
New York (Stony Brook University Hospital) - Predominantly well-differentiated liposarcoma
New York (SUNY Downstate Medical Center) - Well-differentiated liposarcoma
North Carolina (Mountain Area Pathology) - Liposarcoma (well-differentiated)
Ohio (McCullough-Hyde Memorial Hospital) - Liposarcoma
Pennsylvania (Drexel University College) - Well-differentiated liposarcoma
Pennsylvania (Lehigh Valley Hospital) - Atypical lipomatous neoplasm/well-differentiated liposarcoma
Pennsylvania (Mt Nittany Medical Center) - Atypical lipomatous tumor
Puerto Rico (University of Puerto Rico) - Well-differentiated liposarcoma
South Dakota (LCM Residents) - Well-differentiated liposarcoma
Texas, Crystal Beach - Liposarcoma, low grade
Texas, Houston - Well-differentiated liposarcoma
Texas, Lubbock - Well-differentiated liposarcoma
Texas (ProPath) - Myxoid liposarcoma
Texas (St. Lukes Episcopal Hospital) - Well-differentiated liposarcoma
Texas, Sugar Land - Well-differentiated liposarcoma
Washington (Seattle VA Medical Center) - Neoplastic fibroproliferative process in fat, atypical lipoma/well-differentiated liposarcoma
West Virginia (Greenbrier Valley Medical Center) - Liposarcoma, low grade
Wisconsin, Madison - Well-differentiated liposarcoma (atypical lipomatous tumor)
Wisconsin (Meriter Hospital) - Well-differentiated liposarcoma
Australia (North Queensland Pathology Group) - Myxoid liposarcoma
Australia (Royal Hobart Hospital) - Well-differentiated liposarcoma
Australia (Royal Prince Alfred Hospital) - Well-differentiated liposarcoma
Australia (Sullivan Nicolaides Pathology) - Well-differentiated liposarcoma
Brazil (Laboratorio Anatomia Pathologica Ectiologia) - Well-differentiated liposarcoma
Canada (Pasqua Hospital) - Sclerosing well-differentiated liposarcoma
Canada (University Hospital of Sherbrooke) - Liposarcoma (well-differentiated sclerosing type)
India, Karnataka - Myxoid leiomyoma lung
Japan (Asashi General Hospital) - Myxoid liposarcoma
Japan (Kyoto University Hospital) - Liposarcoma, myxoid
Qatar (Hamad Medical Corporation) - Atypical lipomatous tumor (well-differentiated liposarcoma)
Saudi Arabia (King Fahad National Guard Hospital) - Well-differentiated liposarcoma
United Kingdom (Oxford Study Group) - Well-differentiated liposarcoma

Case 7 - Diagnosis:

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

Directors Note: So-called atypical lipomatous "neoplasms" when they occur in the retroperitoneum are designated "liposarcomas". (drc)

Case 7 - References:

Inoue K, Higaki Y and Yoshida H. Giant Retroperitoneal Liposarcoma. *Int J Urol* 2005; 12(2):220-222.
Nauhaus SJ, Barry P, Clark MA, et al. Surgical Management of Primary and Recurrent Retroperitoneal Liposarcoma. *Br J Surg* 2005; 92(2):246-252.
Monjazeb A, Stanton C and Levine EA. Intussusception Secondary to Metastasis from a Low-Grade Retroperitoneal Liposarcoma. *Am Surg* 2004; 70(9):775-778.
McCallum OJ, Burke JJ, Childs AJ, et al. Retroperitoneal Liposarcoma Weighing Over One Hundred Pounds with Review of the Literature. *Gynecol Oncol* 2006; 103(3):1152-1154.
Fabre-Guillevin E, Coindre JM, Somerhausen Nde S, et al. Retroperitoneal Liposarcomas. Follow-Up Analysis of Dedifferentiation After Clinicopathologic Reexamination of 86 Liposarcomas and Malignant Fibrous Histiocytomas. *Cancer* 2006; 106(12):2725-2733.

Anaheim (Orange County Medical Center) - Synovial sarcoma
Baldwin Park (Kaiser Permanente) - Synovial sarcoma (4)
Chico - Biphasic synovial sarcoma
Clovis - Synovial sarcoma, knee
Glendale - Biphasic synovial sarcoma
Hayward/Fremont - Synovial sarcoma
Long Beach (Long Beach VA Hospital) - Synovial sarcoma (2)
Los Angeles - Synovial sarcoma
Monterey Peninsula (Community Hospital of Monterey Peninsula) - Synovial sarcoma
Oakland - Synovial sarcoma
Oakland (Alameda County Medical Center) - Synovial sarcoma, biphasic
Sacramento (UC Davis Medical Center) - Biphasic synovial sarcoma
San Diego - Biphasic synovial sarcoma
San Diego (Naval Medical Center) - Synovial sarcoma
San Diego (UCSD) - Synovial sarcoma
Santa Barbara - Monophasic synovial sarcoma
Santa Rosa (Santa Rosa Memorial Hospital) - Synovial sarcoma (3)
Sonoma (Sonoma Valley Hospital) - Biphasic synovial sarcoma
Woodland Hills - Synovial sarcoma, biphasic
Alabama (Baptist Medical Center) - Monophasic synovial sarcoma
Arkansas (University of Arkansas for Medical Sciences) - Synovial sarcoma, knee
Colorado, Ft. Collins - Monophasic synovial sarcoma
Florida (Munroe Regional Medical Center) - Synovial sarcoma
Georgia, Decatur - Synovial sarcoma
Georgia (Wellstar Kennestone Hospital) - Synovial sarcoma
Illinois, Burr Ridge - Synovial sarcoma (2)
Illinois (Heartland Regional Medical Center) - Synovial sarcoma, biphasic
Illinois (Loyola University of Chicago) - Synovial sarcoma
Indiana (Howard Regional Medical Center) - Synovial sarcoma
Kansas (Cytocheck Laboratory, LLC) - Biphasic synovial sarcoma (2)
Kentucky (University of Louisville) - Monophasic synovial sarcoma
Maryland (Northwest Hospital) - Synovial sarcoma
Maryland (University of Maryland) - Synovial sarcoma, biphasic
Massachusetts (Beverly Hospital) - Synovial sarcoma
Massachusetts, Peabody - Biphasic synovial sarcoma, knee
Massachusetts (Tufts-New England Medical Center) - Biphasic synovial sarcoma
Michigan (Oakland Hospital) - Synovial sarcoma
Michigan (Pathology Services of West Michigan) - Synovial sarcoma
Minnesota (Fairview Ridges Hospital) - Synovial sarcoma
Missouri (Missouri Delta Medical Center) - Synovial sarcoma
Montana (Forensic Science Division) - Synovial sarcoma
Nebraska (Creighton University) - Synovial sarcoma
New Mexico, Albuquerque - Synovial sarcoma, biphasic
New York (Nassau University Medical Center) - Synovial sarcoma
New York (Stony Brook University Hospital) - Biphasic synovial sarcoma
New York (SUNY Downstate Medical Center) - Monophasic synovial sarcoma
North Carolina (Mountain Area Pathology) - Myxoid liposarcoma
Ohio (McCullough-Hyde Memorial Hospital) - Synovial sarcoma
Pennsylvania (Drexel University College) - Synovial sarcoma
Pennsylvania (Lehigh Valley Hospital) - Biphasic synovial sarcoma
Pennsylvania (Mt Nittany Medical Center) - Biphasic synovial sarcoma
Puerto Rico (University of Puerto Rico) - Biphasic synovial sarcoma
South Dakota (LCM Residents) - Synovial sarcoma
Texas, Crystal Beach - Biphasic synovial sarcoma
Texas, Houston - Synovial sarcoma
Texas, Lubbock - Monophasic synovial sarcoma
Texas (ProPath) - Synovial sarcoma
Texas (St. Lukes Episcopal Hospital) - Synovial sarcoma
Texas, Sugar Land - Synovial sarcoma
Washington (Seattle VA Medical Center) - Synovial sarcoma
West Virginia (Greenbrier Valley Medical Center) - Synovial sarcoma

Wisconsin, Madison - Synovial sarcoma
Wisconsin (Meriter Hospital) - Synoviosarcoma
Australia (North Queensland Pathology Group) - Biphasic synovial sarcoma
Australia (Royal Hobart Hospital) - Biphasic synovial sarcoma
Australia (Royal Prince Alfred Hospital) - Synovial sarcoma
Australia (Sullivan Nicolaides Pathology) - Synovial sarcoma
Brazil (Laboratorio Anatomia Pathologica Ectiologia) - Biphasic synovial sarcoma
Canada (Pasqua Hospital) - Synovial sarcoma
Canada (University Hospital of Sherbrooke) - Synoviosarcoma (biphasic type)
India, Karnataka - Inflammatory myofibroblastic tumor/GIST extraintestinal
Japan (Asashi General Hospital) - Synovial sarcoma
Japan (Kyoto University Hospital) - Synovial sarcoma, biphasic
Qatar (Hamad Medical Corporation) - Sarcoma with epithelioid features or malignant peripheral nerve sheath tumor
Saudi Arabia (King Fahad National Guard Hospital) - Synovial sarcoma
United Kingdom (Oxford Study Group) - Synovial sarcoma

Case 8 - Diagnosis:

Synovial sarcoma, biphasic, knee
T-Y9200, M-80003

Case 8 – References:

Santavirta S. Synovial Sarcoma. A Clinicopathological Study of 31 Cases. *Arch Orthop Trauma Surg* 1992; 111(3):155-159.
Buck P, Mickelson MR and Bonfiglio M. Synovial Sarcoma. A Review of 33 Cases. *Clin Orthop Relat Res* 1981; 156:211-215.
Louis DS, Hankin FM and Hankin RC. Synovial Cell Sarcoma. A Case Report with a Comment on 27 Years of Treatment. *J Hand Surg* 1986; 11(4):578-581.
Menendez LR, Brien E and Brien WW. Synovial Sarcoma. A Clinicopathologic Study. *Orthop Rev* 1992; 21(4):465-471.
Morrison C, Wakely PE Jr and Ashman CJ. Cystic Synovial Sarcoma. *Ann Diagn Pathol* 2001; 5(1):48-56.

Case No. 9, Accession No. 30374 April 2007

Anaheim (Orange County Medical Center) - Solitary fibrous tumor
Baldwin Park (Kaiser Permanente) - Spindle cell lipoma (4)
Chico - Spindle cell lipoma
Clovis - Dermatofibrosarcoma protuberans (myxoid vs. myxofibroma)
Glendale - Spindle cell lipoma
Hayward/Fremont - Solitary fibrous tumor
Long Beach (Long Beach VA Hospital) - Solitary fibrous tumor (2)
Monterey Peninsula (Community Hospital of Monterey Peninsula) - Solitary fibrous tumor
Oakland - Nerve sheath tumor
Oakland (Alameda County Medical Center) - Spindle cell lipoma
Sacramento (UC Davis Medical Center) - Spindle cell lipoma
San Diego - Solitary fibrous tumor
San Diego (Naval Medical Center) - Spindle cell lipoma
San Diego (UCSD) - Spindle cell lipoma
Santa Barbara - Hemangiopericytoma
Santa Rosa (Santa Rosa Memorial Hospital) - Solitary fibrous nodule (3)
Sonoma (Sonoma Valley Hospital) - Neurofibroma
Woodland Hills - Spindle cell lipoma
Alabama (Baptist Medical Center) - Spindle cell lipoma
Arkansas (University of Arkansas for Medical Sciences) - Spindle cell lipoma, posterior neck
Colorado, Ft. Collins - Spindle cell lipoma
Florida (Munroe Regional Medical Center) - Neurofibroma vs. fibrous histiocytoma
Georgia, Decatur - Spindle cell lipoma
Illinois, Burr Ridge - Hemangioendothelioma (1); Solitary fibrous tumor with myxoid change (1)
Illinois (Heartland Regional Medical Center) - Spindle cell lipoma
Illinois (Loyola University of Chicago) - SFT
Indiana (Howard Regional Medical Center) - Low grade fibrosarcoma
Kansas (Cytocheck Laboratory, LLC) - Solitary fibrous tumor (1); Neurofibroma (1)
Kentucky (University of Louisville) - Spindle cell lipoma
Maryland (Northwest Hospital) - Spindle cell lipoma
Maryland (University of Maryland) - Solitary fibrous tumor

Massachusetts (Beverly Hospital) - Spindle cell lipoma
Massachusetts, Peabody - Dermatofibrosarcoma protuerans, neck
Massachusetts (Tufts-New England Medical Center) - Epithelioid hemangioendothelioma
Michigan (Oakland Hospital) - Spindle cell lipoma
Michigan (Pathology Services of West Michigan) - Mastocytoma
Minnesota (Fairview Ridges Hospital) - Spindle cell lipoma
Missouri (Missouri Delta Medical Center) - Liposarcoma vs. solitary fibrous tumor
Montana (Forensic Science Division) - Solitary fibrous tumor
Nebraska (Creighton University) - Spindle cell lipoma
New Mexico, Albuquerque - Spindle cell lipoma
New York (Nassau University Medical Center) - Myofibroblastoma, mammary type
New York (Stony Brook University Hospital) - Spindle cell lipoma
New York (SUNY Downstate Medical Center) - Spindle cell lipoma vs. solitary fibrous tumor
North Carolina (Mountain Area Pathology) - Malignant fibrous histiocytoma (myxoid)
Ohio (McCullough-Hyde Memorial Hospital) - Low grade fibromyxoid sarcoma
Pennsylvania (Drexel University College) - Dermatofibrosarcoma protuberans
Pennsylvania (Lehigh Valley Hospital) - Solitary fibrous tumor
Pennsylvania (Mt Nittany Medical Center) - Spindle cell lipoma
Puerto Rico (University of Puerto Rico) - Solitary fibrous tumor/glomus tumor/hemangiopericytoma
South Dakota (LCM Residents) - Dermatofibrosarcoma protuberans
Texas, Crystal Beach - Granular cell tumor
Texas, Houston - Hemangiopericytoma
Texas, Lubbock - Solitary fibrous tumor
Texas (ProPath) - Spindle cell lipoma
Texas (St. Lukes Episcopal Hospital) - Spindle cell lipoma
Texas, Sugar Land - Spindle cell lipoma
Washington (Seattle VA Medical Center) - Neoplastic fibroproliferative process, low grade growth
West Virginia (Greenbrier Valley Medical Center) - Dermatofibrosarcoma
Wisconsin, Madison - Spindle cell lipoma
Wisconsin (Meriter Hospital) - Solitary fibrous tumor
Australia (North Queensland Pathology Group) - Solitary fibrous tumor
Australia (Royal Hobart Hospital) - Solitary fibrous tumor
Australia (Royal Prince Alfred Hospital) - Spindle cell lipoma
Australia (Sullivan Nicolaides Pathology) - Spindle cell lipoma
Brazil (Laboratorio Anatomia Pathologica Ectiologia) - Spindle cell lipoma
Canada (Pasqua Hospital) - Spindle cell lipoma
Canada (University Hospital of Sherbrooke) - Spindle cell lipoma
India, Karnataka - Schwannoma
Japan (Asashi General Hospital) - Epithelioid hemangioendothelioma
Japan (Kyoto University Hospital) - Solitary fibrous tumor
Oman (Khoula Hospital) - Solitary fibrous tumor
Qatar (Hamad Medical Corporation) - Solitary fibrous tumor, myxoid variant
Saudi Arabia (King Fahad National Guard Hospital) - Spindle cell lipoma
United Kingdom (Oxford Study Group) - Spindle cell lipoma

Case 9 - Diagnosis:

Spindle cell lipoma, neck
T-Y0600, M-91501

Directors Note: It may be that spindle cell lipoma will eventually be recognized as a morphologic variant of solitary fibrous tumor/hemangiopericytom. (drc)

Case 9 – References:

Dal Cin P, Sciot R, Polto P, et al. Lesions of 13q Mary Occur Independently of Deletion of 16q in Spindle Cell/ Pleomorphic Lipomas. *Histopathol* 1997; 31(3):222-225.
Diaz-Cascajo C, Borghi S and Weyers W. Fibrous Spindle Cell Lipoma. Report of a New Variant. *Am J Dermatopathol* 2001; 23(2):112-115.
Siddiqui MA, Su L, Michael CW and Pu RT. Synchronous Ordinary Lipoma and Spindle-Cell Lipoma Diagnosed by Fine Needle Aspiration. *Diagn Cytopathol* 2006; 34(6):455-456.
Harvell JD. Multiple Spindle Cell Lipomas and Dermatofibrosarcoma Protuberans with a Single Patient. Evidence for a Common Neoplastic Process of Interstitial Dendritic Cells? *J Am Acad Dermatol* 2003; 48(1):82-85.

Suster S, Nascimento AG, Miettinen M, et al. Solitary Fibrous Tumors of Soft Tissue. A Clinicopathologic and Immunohistochemical Study of 12 Cases. *Am J Surg Pathol* 1995; 19(11):1257-1266.
Brunnemann RB, Rojy Ordonez NG, et al. Extra-Pleural Solitary Fibrous Tumor. A Clinicopathologic Study of 24 Cases. *Mod Pathol* 1999; 12(11):1034-1042.

Case No. 10, Accession No. 30152 April 2007

Anaheim (Orange County Medical Center) - Leiomyosarcoma
Baldwin Park (Kaiser Permanente) - Leiomyosarcoma (4)
Chico - Leiomyosarcoma
Clovis - Leiomyosarcoma vs. atypical leiomyoma
Glendale - Pleomorphic leiomyosarcoma
Hayward/Fremont - Leiomyosarcoma
Long Beach (Long Beach VA Hospital) - Leiomyosarcoma (2)
Los Angeles - Leiomyosarcoma
Monterey Peninsula (Community Hospital of Monterey Peninsula) - Leiomyosarcoma
Oakland - Leiomyosarcoma
Oakland (Alameda County Medical Center) - Leiomyosarcoma
Sacramento (UC Davis Medical Center) - Leiomyosarcoma
San Diego - Leiomyosarcoma
San Diego (Naval Medical Center) - Leiomyosarcoma
San Diego (UCSD) - Smooth muscle tumor of undertermined malignant potential
Santa Barbara - Bizarre leiomyoma
Santa Rosa (Santa Rosa Memorial Hospital) - Leiomyosarcoma (3)
Sonoma (Sonoma Valley Hospital) - Leiomyosarcoma
Woodland Hills - Leiomyosarcoma
Alabama (Baptist Medical Center) - Leiomyosarcoma
Arkansas (University of Arkansas for Medical Sciences) - Leiomyosarcoma, forearm
Colorado, Ft. Collins - Leiomyosarcoma
Florida (Munroe Regional Medical Center) - Leiomyosarcoma
Georgia, Decatur - Leiomyosarcoma
Georgia (Wellstar Kennestone Hospital) - Leiomyosarcoma
Illinois, Burr Ridge - Pleomorphic rhabdomyosarcoma (1); Leiomyosarcoma (1)
Illinois (Heartland Regional Medical Center) - Leiomyosarcoma
Illinois (Loyola University of Chicago) - Intimal sarcoma
Indiana (Howard Regional Medical Center) - Leiomyosarcoma
Kansas (Cytocheck Laboratory, LLC) - Leiomyosarcoma vs. bizarre leiomyoma (1); Leiomyosarcoma (1)
Kentucky (University of Louisville) - Leiomyosarcoma
Maryland (Northwest Hospital) - Leiomyosarcoma
Maryland (University of Maryland) - Leiomyosarcoma
Massachusetts (Beverly Hospital) - Leiomyosarcoma
Massachusetts, Peabody - Leiomyosarcoma, forearm
Massachusetts (Tufts-New England Medical Center) - Leiomyosarcoma
Michigan (Oakland Hospital) - Leiomyosarcoma
Michigan (Pathology Services of West Michigan) - Leiomyosarcoma
Minnesota (Fairview Ridges Hospital) - Leiomyosarcoma
Missouri (Missouri Delta Medical Center) - Malignant fibrous histiocytoma
Montana (Forensic Science Division) - Leiomyosarcoma
Nebraska (Creighton Unversity) - Leiomyosarcoma
New Mexico, Albuquerque - Leiomyosarcoma
New York (Nassau University Medical Center) - Bizarre leiomyoma
New York (Stony Brook University Hospital) - Symplastic leiomyoma
New York (SUNY Downstate Medical Center) - Atypical leiomyoma
North Carolina (Mountain Area Pathology) - Pleomorphic malignant fibrous histiocytoma
Ohio (McCullough-Hyde Memorial Hospital) - Leiomyosarcoma
Pennsylvania (Drexel University College) - Leiomyosarcoma
Pennsylvania (Lehigh Valley Hospital) - Leiomyosarcoma
Pennsylvania (Mt Nittany Medical Center) - Leiomyosarcoma
Puerto Rico (University of Puerto Rico) - Leiomyosarcoma
South Dakota (LCM Residents) - Pleomorphic leiomyosarcoma
Texas, Crystal Beach - Fibrous histioctyoma atypical subcutaneous
Texas, Houston - Malignant fibrous histiocytoma

Texas, Lubbock - Leiomyosarcoma
Texas (ProPath) - Leiomyosarcoma
Texas (St. Lukes Episcopal Hospital) - Leiomyosarcoma
Texas, Sugar Land - Leiomyosarcoma
Washington (Seattle VA Medical Center) - Leiomyosarcoma with cellular pleomorphism
West Virginia (Greenbrier Valley Medical Center) - Proliferative myositis
Wisconsin, Madison - Leiomyosarcoma
Wisconsin (Meriter Hospital) - Leiomyosarcoma
Australia (North Queensland Pathology Group) - Pleomorphic leiomyosarcoma
Australia (Royal Hobart Hospital) - Leiomyosarcoma
Australia (Royal Prince Alfred Hospital) - Leiomyosarcoma (6), Smooth muscle tumor of uncertain malignant potential (1)
Australia (Sullivan Nicolaides Pathology) - Leiomyosarcoma
Brazil (Laboratorio Anatomia Pathologica Ectiologia) - Leiomyosarcoma
Canada (Pasqua Hospital) - Leiomyosarcoma
Canada (University Hospital of Sherbrooke) - Leiomyosarcoma
India, Karnataka - Chondroid chordoma
Japan (Asashi General Hospital) - Pleomorphic leiomyosarcoma
Japan (Kyoto University Hospital) - Leiomyosarcoma
Oman (Khoula Hospital) - Leiomyosarcoma
Qatar (Hamad Medical Corporation) - Pleomorphic leiomyosarcoma
Saudi Arabia (King Fahad National Guard Hospital) - Leiomyosarcoma
United Kingdom (Oxford Study Group) - Leiomyosarcoma

Case 10 - Diagnosis:

Pleomorphic leiomyosarcoma, forearm
T-Y8500, M-88903

Case 10 - References:

Oda Y Miyajima K, Kawaguchi K, et al. Pleomorphic Leiomyosarcoma. Clinicopathologic and Immunohistochemical Study with Special Emphasis on Its Distinction from Ordinary Leiomyosarcoma and Malignant Fibrous Histiocytoma. *Am J Surg Pathol* 2001; 25(8): 1030-1038.
Kaddu S, Beham A, Cerroni L, et al. Cutaneous Leiomyosarcoma. *Am J Surg Pathol* 1997; 2(19):979-987.
Cormier JN and Pollock RE. Soft Tissue Sarcomas. *CA Cancer J Clin* 2004; 54(2): 94-109