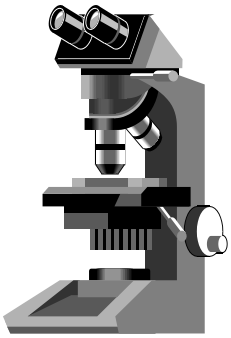
CALIFORNIA
TUMOR TISSUE REGISTRY

SOFT TISSUE PATHOLOGY

Minutes – Subscription A

October, 2007



SUGGESTED READING (General Topics from Recent Literature):

Anaplastic Large Cell Lymphoma. A Flow Cytometric Analysis of 29 Cases. Kesler MV, Parajape GS, et al. *Am J Clin Pathol* 2007; 128 (2):314-322.

Thyroid Carcinomas with a Variable Insular Component. Prognostic Significance of Histopathologic Patterns. Rufini V, Salvatori M, et al. *Cancer* 2007; 110:1209-1217.

Bile Duct Dysplasia in the Setting of Chronic Hepatitis C and Alcohol Cirrhosis. Torbenson M, Yek MM, Abraham SC. *Am J Surg Pathol* 2007; 31:1410-1413.

Mitoses in Conventional Melanocytic Nevi. Jensen SL, Radfar A, Bhawan J. *J Cutan Pathol* 2007; 34:713-715.

Reliability of Cytologic Diagnosis of Early Lung Cancer. Vazquez MF, Koizumi JH, et al. *Cancer Cytopathol* 2007; 111:252-258.

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FILE DIAGNOSES

CTTR Subscription A October 2007

Case 1:

Ischemic fasciitis (atypical decubital fibroplasia), parascapular
T-11280, M-49000

Case 2:

Cellular capillary "juvenile" hemangioma, parotid
T-55100, M-91301

Case 3:

Lipoma, shoulder
T-Y1220, M-88500

Case 4:

Spindle cell lipoma, post-auricular
T-Y0170, M-88570

Case 5:

Myxoid neurofibroma, leg
T-Y9400, M-95400

Case 6:

Epithelioid angiomyolipoma, peri-renal
T-71000, M-88600

Case 7:

Schwannoma, ankle
T-Y9500, M-95600

Case 8:

High grade pleomorphic sarcoma/Pleomorphic rhabdomyosarcoma, mediastinum
T-Y2300, M-89003

Case 9:

High grade pleomorphic sarcoma with phenotype of so-called MFH, posterior leg
T-Y9400, M-88303

Case 10:

Extraskeletal myxoid chondrosarcoma
T-Y1600, M-92203

Case No. 1, Accession No. 30201 **October 2007**

Arcadia (ABC Laboratories) - Hemorrhagic necrotic mass with atypical spindle cells, rule out sarcoma
Long Beach (VA Long Beach Hospital - Necrotic tissue (2)
Mountain View (El Camino Hospital) - Ischemic fasciitis
Oakland (BioMarin Pharmaceutical, Inc.) - Fibromatosis vs. angiosarcoma
Oxnard (St. John's Regional Medical Center) - Organizing hamartoma (3)
San Diego (Scripps Clinic) - Ischemic fasciitis
San Diego - Ischemic fasciitis
San Diego (Naval Medical Center) - Ischemic fasciitis
San Francisco (University of California San Francisco) - Ischemic fasciitis
Santa Barbara - Necrotic tissue
Santa Rosa (Santa Rosa Memorial Hospital) - Ischemic fasciitis (3)
Sonoma (Sonoma Valley Hospital) - Proliferative myositis
Woodland Hills (Kaiser Permanente Medical Center) - Ischemic fasciitis (atypical decubital fibroplasia)
Alabama (Baptist Medical Center) - Ischemic fasciitis
Alabama, Mt Olive - Desmoplastic fibroblastoma (i.e. collagenous fibroma)
Colorado, Ft. Collins - Necrotic tissue, insufficient for further interpretation
Florida (Baptist Hospital Pensacola) - Ischemic fasciitis
Georgia, Decatur - Ischemic fasciitis
Illinois, Burr Ridge - Angiosarcoma
Illinois (Heartland Regional Medical Center) - Necrosis of skin and subcutaneous tissue and subcutaneous fibrous lesion
Illinois (MacNeal Hospital) - Ischemic fasciitis
Illinois (Sarah Bush Lincoln Health Center) - Ischemic fasciitis
Indiana (Pathology & Forensic Consultants) - Fibrosarcoma (1); Elastofibroma (1)
Indiana (St. Joseph Hospital) - Organizing hemartoma
Kansas (Cytocheck Laboratory, LLC) - Fibromatosis
Kentucky (University of Louisville) - Ischemic fasciitis
Minnesota (Fairview Ridges Hospital) - Ischemic fasciitis
Missouri (Missouri Delta Medical Center) - Ischemic fasciitis
Nebraska (Creighton University) - Decube vs. ulcer/necrosis
Nevada (Sunrise Hospital) - Ischemic fasciitis
New Mexico, Albuquerque - Ischemic necrosis and hemorrhage with organization
New York (ECMC) - Ischemic and necrotizing fasciitis with myositis (gangrene)
New York (Long Island Jewish Medical Center) - Ischemic fasciitis
New York (Stony Brook University Residents) - Atypical decubital fibroplasias (ischemic fasciitis)
New York (SUNY Downstate Residents) - Ischemic fasciitis (atypical decubital fibroplasia)
New York (Westchester Medical Center) - Ischemic (necrotizing) fasciitis
Ohio (McCullough-Hyde Memorial Hospital) - Ischemic fasciitis
Pennsylvania (Conemaugh Hospital) - Ischemic fasciitis
Pennsylvania (Drexel University College of Medicine) - Angiosarcoma
Pennsylvania (Magee Women's Hospital) - Ischemic fasciitis
Rhode Island (RI Hospital) - Ischemic fasciitis
Pennsylvania (St. Elizabeth Health Center) - Ischemic fasciitis (atypical decubital fibroplasias)
Texas (Christus Santa Rosa Children's Hospital) - Giant cell fibroblastoma vs. vascular tumor vs. well-differentiated sclerosing liposarcoma
Texas, Crystal Beach - Necrotic tissue possible including necrotic squamous carcinoma

Texas, Lubbock - Elastofibroma
Texas, Victoria - Decubital ischemic necrosis/fasciitis
Washington, DC - Pseudo-Kaposi sarcoma/angiodermatitis
West Virginia (Greenbrier Valley Medical Center) - Pressure necrosis
Australia (Sullivan Nicolaides Pathology) - Ischemic fasciitis
Canada (Sherbrooke University Hospital) - Angiosarcoma
Ireland (Kerry General Hospital) - Ischemic fasciitis
Japan (Asashi General Hospital) - Intra-muscular angioma
Oman (Khoula Hospital) - Ischemic fasciitis
United Kingdom (Oxford Study Group) - Ischemic fasciitis

Case 1 - Diagnosis:

Ischemic fasciitis (atypical decubital fibroplasia), parascapular
T-11280, M-49000

Case 1 - References:

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):39-40.
Ilaslan H, Joyce M, Bauer T and et al. Decubital Ischemic Fasciitis. Clinical, Pathologic, and MRI Features of Pseudosarcoma. *JR Am J Roentgenol* 2006; 187(5):1338-1341.
Gusenoff JA, Redett RJ, Nahabedian MY, et al. Outcomes for Surgical Coverage of Pressure Sores in Nonambulatory, Nonparaplegic, Elderly Patients. *Ann Plast Surg* 2002; 48(6):633-640.
Scanlon R, Kelehan P, Flannelly G, et al. Ischemia Fasciitis. An Unusual Vulvovaginal Spindle Cell Lesion. *Int J Gynecol Pathol* 2004; 23(1):65-67.

Case No. 2, Accession No. 23564 October 2007

Arcadia (ABC Laboratories) - Hemangioendothelioma
Long Beach (VA Long Beach Hospital - Hemangioma (2)
Mountain View (El Camino Hospital) - Juvenile hemangioma
Oakland (BioMarin Pharmaceutical, Inc.) - Capillary hemangioma
Oxnard (St. John's Regional Medical Center) - Hemangioendothelioma, infantile (1); Juvenile hemangioendothelioma (1); Hemangioendothelioma (1)
San Diego (Scripps Clinic) - Juvenile hemangioma
San Diego - Juvenile hemangioma
San Diego (Naval Medical Center) - Capillary hemangioma
San Francisco (University of California San Francisco) - Juvenile hemangioma
Santa Barbara - Atypical hemangioma
Santa Rosa (Santa Rosa Memorial Hospital) - Capillary hemangioma (3)
Sonoma (Sonoma Valley Hospital) - Capillary hemangioma
Woodland Hills (Kaiser Permanente Medical Center) - Juvenile hemangioma
Alabama (Baptist Medical Center) - Hemangioma of parotid
Alabama, Mt Olive - Juvenile hemangioma
Colorado, Ft. Collins - Cellular capillary hemangioma
Florida (Baptist Hospital Pensacola) - Juvenile hemangioma
Georgia, Decatur - Hemangioma
Illinois, Burr Ridge - Juvenile hemangioma
Illinois (Heartland Regional Medical Center) - Juvenile capillary hemangioma (infantile hemangioendothelioma)
Illinois (MacNeal Hospital) - Cellular capillary hemangioma

Illinois (Sarah Bush Lincoln Health Center) - Juvenile hemangioma
Indiana (Pathology & Forensic Consultants) - Hemangiopericytoma (1); Capillary hemangioma of benign (infantile) hemangioendothelioma type (1)
Indiana (St. Joseph Hospital) - Juvenile hemangioma
Kansas (Cytocheck Laboratory, LLC) - Angiosarcoma
Kentucky (University of Louisville) - Juvenile capillary hemangioma
Minnesota (Fairview Ridges Hospital) - Juvenile hemangioma
Missouri (Missouri Delta Medical Center) - Hemangiopericytoma
Nebraska (Creighton University) - Hemangioendothelioma
Nevada (Sunrise Hospital) - Hemangioma
New Mexico, Albuquerque - Juvenile capillary hemangioma
New York (ECMC) - Juvenile hemangioma
New York (Long Island Jewish Medical Center) - Juvenile hemangioma
New York (Stony Brook University Residents) - Hemangioma
New York (SUNY Downstate Residents) - Juvenile capillary hemangioma
New York (Westchester Medical Center) - Capillary hemangioma
Ohio (McCullough-Hyde Memorial Hospital) - Hemangiopericytoma
Pennsylvania (Conemaugh Hospital) - Hemangioma (juvenile); ddx: Hemangiopericytoma
Pennsylvania (Drexel University College of Medicine) - Lobular capillary hemangioma
Pennsylvania (Magee Women's Hospital) - Juvenile hemangioma
Rhode Island (RI Hospital) - Capillary hemangioma
Pennsylvania (St. Elizabeth Health Center) - Juvenile hemangioma
Texas (Christus Santa Rosa Children's Hospital) - Capillary hemangioma
Texas, Crystal Beach - Hemangioma
Texas, Lubbock - Epithelioid hemangiopericytoma
Texas, Victoria - Capillary hemangioma
Washington, DC - Cellular (juvenile) hemangioma
West Virginia (Greenbrier Valley Medical Center) - Sialoblastoma
Australia (Sullivan Nicolaides Pathology) - Juvenile hemangioendothelioma (capillary hemangioma)
Canada (Sherbrooke University Hospital) - Juvenile hemangioma
Ireland (Kerry General Hospital) - Capillary hemangioma (infantile type)
Japan (Asashi General Hospital) - Juvenile hemangioma
Oman (Khoula Hospital) - Cellular hemangioma
United Kingdom (Oxford Study Group) - Infantile hemangioma

Case 2 - Diagnosis:

Cellular capillary "juvenile" hemangioma, parotid
T-55100, M-91301

Case 2 - References:

Andronikou S, McHugh K, Jadwat S, et al. MRI Features of Bilateral Parotid Haemangiomas of Infancy. *Eur Radiol* 2003; 13(4):711-716.
Childers EL, Furlong MA, Fanburg-Smith JC. Hemangioma of the Salivary Gland. A Study of Ten Cases of a Rarely Biopsied/Excised Lesion. *Ann Diagn Pathol* 2002; 6(6):339-344.
Quereshy FA and Goldstein JA. Infantile Hemangioma of the Accessory Parotid Gland. *J Craniofac Surg* 1998; 9(5):468-471.
Hughes RG and Oates J. Capillary Haemangioma of the Parotid in an Adult. An Unusual Case and a Review of the Literature. *J Laryngol Otol* 1997; 111(6):588-589.
Lack EE and Upton MP. Histiopathologic Review of Salivary Gland Tumors in Childhood. *Arch Otolaryngol Head Neck Surg* 1988; 114(8):898-906.

Arcadia (ABC Laboratories) - Lipoma
Long Beach (VA Long Beach Hospital - Lipoma (2)
Mountain View (El Camino Hospital) - Fibrolipoma
Oakland (BioMarin Pharmaceutical, Inc.) - Lipoma
Oxnard (St. John's Regional Medical Center) - Lipoma (3)
San Diego (Scripps Clinic) - Atypical lipomatous tumor
San Diego - Lipoma
San Diego (Naval Medical Center) - Lipoma (10); Atypical lipomatous tumor (4)
San Francisco (University of California San Francisco) - Lipoma
Santa Barbara - Atypical lipoma
Santa Rosa (Santa Rosa Memorial Hospital) - Lipoma (2); Atypical lipomatous tumor (1)
Sonoma (Sonoma Valley Hospital) - Lipoma
Woodland Hills (Kaiser Permanente Medical Center) - Lipoma
Alabama (Baptist Medical Center) - Lipoma
Alabama, Mt Olive - Lipoma
Colorado, Ft. Collins - Atypical lipoma
Florida (Baptist Hospital Pensacola) - Lipoma
Georgia, Decatur - Lipoma
Illinois, Burr Ridge - Atypical lipoma
Illinois (Heartland Regional Medical Center) - Atypical lipoma
Illinois (MacNeal Hospital) - Lipoma
Illinois (Sarah Bush Lincoln Health Center) - Fibrolipoma
Indiana (Pathology & Forensic Consultants) - Lipoma (2)
Indiana (St. Joseph Hospital) - Lipoma
Kansas (Cytocheck Laboratory, LLC) - Lipoma
Kentucky (University of Louisville) - Lipoma
Minnesota (Fairview Ridges Hospital) - Fibrolipoma
Missouri (Missouri Delta Medical Center) - Benign lipoma
Nebraska (Creighton University) - Lipoma
Nevada (Sunrise Hospital) - Lipoma
New Mexico, Albuquerque - Lipoma vs. atypical lipomatous tumor
New York (ECMC) - Lipoma
New York (Long Island Jewish Medical Center) - Lipoma
New York (Stony Brook University Residents) - Atypical lipomatous tumor/well-differentiated liposarcoma
New York (SUNY Downstate Residents) - Atypical lipomatous tumor
New York (Westchester Medical Center) - Lipoma
Ohio (McCullough-Hyde Memorial Hospital) - Traumatized lipoma
Pennsylvania (Conemaugh Hospital) - Lipoblastoma
Pennsylvania (Drexel University College of Medicine) - Lipoma
Pennsylvania (Magee Women's Hospital) - Atypical lipoma
Rhode Island (RI Hospital) - Lipoma
Pennsylvania (St. Elizabeth Health Center) - Lipoma
Texas (Christus Santa Rosa Children's Hospital) - Mature subcutaneous lipoma
Texas, Crystal Beach - Lipoma
Texas, Lubbock - Atypical lipoma
Texas, Victoria - Atypical lipoma
Washington, DC - Fibrolipoma

West Virginia (Greenbrier Valley Medical Center) - Atypical lipoma
Australia (Sullivan Nicolaides Pathology) - Lipoma
Canada (Sherbrooke University Hospital) - Lipoma
Ireland (Kerry General Hospital) - Well-differentiated adipocytic lesion
Japan (Asashi General Hospital) - Lipoma
Oman (Khoula Hospital) - Atypical lipoma/lipoma
United Kingdom (Oxford Study Group) - Atypical lipomatous tumor

Case 3 - Diagnosis:
Lipoma, shoulder
T-Y1220, M-88500

Case 3 - References:

Randial PK, Madaree A and Singh B. Membranous Fat Necrosis in Lipomas. *Am J Surg Pathol* 1997; 21(7):841-846.
Siddiqui MA, Su L, Michael CW, et al. Synchronous Ordinary Lipoma an dSpindle-Cell Lipoma Diagnosed by Fine Needle Aspiration. *Diagn Cytopathol* 2006; 34(6):455-456.
El-Monem MH, Gaafar AH and Magdy EA. Lipomas of the Head and Neck. Presentation Variability and Diagnostic Work-Up. *J Laryngol Otol* 2006; 120(1):47-55.
Brennan PA, Bater Mc, Sharma S, et al. Lipomas Where You Least Expect Them. *Oral Surg Oral Pathol Radiol Endod* 2005; 9-10.

Case No. 4, Accession No. 30377 October 2007

Arcadia (ABC Laboratories) - Myxoid lipoma
Long Beach (VA Long Beach Hospital - Spindle cell lipoma with myxoid changes (1); Spindle cell lipoma (1)
Mountain View (El Camino Hospital) - Spindle cell lipoma
Oakland (BioMarin Pharmaceutical, Inc.) - Myxoid liposarcoma
Oxnard (St. John's Regional Medical Center) - Myxoid lipoma (3)
San Diego (Scripps Clinic) - Spindle cell lipoma
San Diego - Spindle cell lipoma
San Diego (Naval Medical Center) - Spindle cell lipoma
San Francisco (University of California San Francisco) - Spindle cell lipoma
Santa Barbara - Myolipoma
Santa Rosa (Santa Rosa Memorial Hospital) - Spindle cell lipoma (3)
Sonoma (Sonoma Valley Hospital) - Spindle cell lipoma
Woodland Hills (Kaiser Permanente Medical Center) - Spindle cell lipoma
Alabama (Baptist Medical Center) - Spindle cell lipoma
Alabama, Mt Olive - Chondroid lipoma
Colorado, Ft. Collins - Myxolipoma
Florida (Baptist Hospital Pensacola) - Lipoma with myxoid change
Georgia, Decatur - Spindle cell lipoma
Illinois, Burr Ridge - Spindle cell lipoma
Illinois (Heartland Regional Medical Center) - Spindle cell lipoma with myxoid stroma
Illinois (MacNeal Hospital) - Spindle cell lipoma
Illinois (Sarah Bush Lincoln Health Center) - Spindle cell lipoma
Indiana (Pathology & Forensic Consultants) - Low grade myxoid liposarcoma (1); Spindle cell lipoma/pleomorphic lipoma (1)
Indiana (St. Joseph Hospital) - Spindle cell lipoma with myxoid change

Kansas (Cytocheck Laboratory, LLC) - Fibrolipoma
Kentucky (University of Louisville) - Spindle cell lipoma
Minnesota (Fairview Ridges Hospital) - Spindle cell lipoma with myxoid changes
Missouri (Missouri Delta Medical Center) - Spindle cell lipoma
Nebraska (Creighton University) - Spindle cell carcinoma
Nevada (Sunrise Hospital) - Spindle cell lipoma
New Mexico, Albuquerque - Myxoid liposarcoma
New York (ECMC) - Neurofibroma vs. unclassified bland myxoid lesion of soft tissue
New York (Long Island Jewish Medical Center) - Spindle cell lipoma
New York (Stony Brook University Residents) - Spindle cell lipoma (with myxoid feature)
New York (SUNY Downstate Residents) - Spindle cell lipoma
New York (Westchester Medical Center) - Spindle cell lipoma
Ohio (McCullough-Hyde Memorial Hospital) - Myxoid liposarcom
Pennsylvania (Conemaugh Hospital) - Spindle cell lipoma
Pennsylvania (Drexel University College of Medicine) - Myxoid spindle cell lipoma
Pennsylvania (Magee Women's Hospital) - Spindle cell lipoma
Rhode Island (RI Hospital) - Spindle cell lipoma
Pennsylvania (St. Elizabeth Health Center) - Lipoma with myxoid change, myxolipoma
Texas (Christus Santa Rosa Children's Hospital) - Chondroid lipoma
Texas, Crystal Beach - Myxolipoma vs. spindle cell lipoma
Texas, Lubbock - Spindle cell lipoma
Texas, Victoria - Spindle cell lipoma
Washington, DC - Spindle cell lipoma
West Virginia (Greenbrier Valley Medical Center) - Spindle cell lipoma
Australia (Sullivan Nicolaides Pathology) - Spindle cell lipoma
Canada (Sherbrooke University Hospital) - Spindle cell lipoma
Ireland (Kerry General Hospital) - Myxofibrosarcoma
Japan (Asashi General Hospital) - Spindle cell lipoma
Oman (Khoula Hospital) - Spindle cell lipoma
United Kingdom (Oxford Study Group) - Spindle cell lipoma

Case 4 - Diagnosis:

Spindle cell lipoma, post-auricular
T-Y0170, M-88570

Case 4 - References:

Karim RZ McCarthy SW, Palmer AA, et al. Intramuscular Dendritic Fibromyxolipoma. Myxoid Variant of Spindle Cell Lipoma? *Pathol Int* 2003; 53(4):252-258.

Rosenthal LS, Garzon S, Setty S, et al. Left-Sided Facial Mass. Spindle Cell Lipoma of the Parotid Gland *Arch Pathol Lab Med* 2006; 130:875-876.

Bui-Mansfield LT and Kaplan KJ. Radiologic-Pathologic Conference of Keller Army Community Hospital at West Point, the United States Military Academy. Spindle Cell Lipoma of the Upper Back. *AJR Am J Roentgenol* 2002; 179(5):1158.

Harvell JD. Multiple Spindle Cell Lipomas and Dermatofibromasarcoma Protuberans Within a Single Patient. Evidence for a Common Neoplastic Process of Interstitial Dendritic Cells? *J Am Acad Dermatol* 2003; 48(1):82-85.

Hattori K, Hatori M, Hosaka M, et al. Spindle Cell Lipoma Showing Biphasic Pattern, A Case Report. *Ups J Med Sci* 2005; 110(2):173-178.

Case No. 5, Accession No. 30324 October 2007

Arcadia (ABC Laboratories) - Schwannoma
Long Beach (VA Long Beach Hospital - Ancient schwannom (2)

Mountain View (El Camino Hospital) - Schwannoma vs. low grade fibromyxoid sarcoma
Oakland (BioMarin Pharmaceutical, Inc.) - Schwannoma
Oxnard (St. John's Regional Medical Center) - Schwannoma (1); Neurilemmoma (2)
San Diego (Scripps Clinic) - Myxoid neurofibroma
San Diego - Degenerated schwannoma
San Diego (Naval Medical Center) - Neurofibroma
San Francisco (University of California San Francisco) - Schwannoma, ancient vs. neurofibroma
Santa Barbara - Myxoid neurofibroma
Santa Rosa (Santa Rosa Memorial Hospital) - Neurofibroma (3)
Sonoma (Sonoma Valley Hospital) - Schwannoma
Woodland Hills (Kaiser Permanente Medical Center) - Neurofibroma
Alabama (Baptist Medical Center) - Neurofibroma
Alabama, Mt Olive - Neurofibroma
Colorado, Ft. Collins - Myxoid neurofibroma
Florida (Baptist Hospital Pensacola) - Neurofibroma
Georgia, Decatur - Neurofibroma
Illinois, Burr Ridge - Atypical schwannoma
Illinois (Heartland Regional Medical Center) - Schwannoma with myxoid degeneration
Illinois (MacNeal Hospital) - Neurothecoma (nerve sheath myxoma)
Illinois (Sarah Bush Lincoln Health Center) - Neurofibroma
Indiana (Pathology & Forensic Consultants) - Neurofibroma, hyalinized (1); Schwannoma (1)
Indiana (St. Joseph Hospital) - Angiomyxoma
Kansas (Cytocheck Laboratory, LLC) - Tumor of nerve sheath origin
Kentucky (University of Louisville) - Neurofibroma
Minnesota (Fairview Ridges Hospital) - Neurofibroma
Missouri (Missouri Delta Medical Center) - Degenerating schwannoma
Nebraska (Creighton University) - Neurofibroma
Nevada (Sunrise Hospital) - Neurofibroma
New Mexico, Albuquerque - Schwannoma with myxoid features vs. neurofibroma
New York (ECMC) - Neurofibroma
New York (Long Island Jewish Medical Center) - Schwannoma
New York (Stony Brook University Residents) - Myxoid schwannoma
New York (SUNY Downstate Residents) - Myxoid neurofibroma
New York (Westchester Medical Center) - Neurofibroma
Ohio (McCullough-Hyde Memorial Hospital) - Neurofibroma
Pennsylvania (Conemaugh Hospital) - Neurofibroma
Pennsylvania (Drexel University College of Medicine) - Myxoid neurofibroma
Pennsylvania (Magee Women's Hospital) - Myxoid neurofibroma
Rhode Island (RI Hospital) - Neurofibroma
Pennsylvania (St. Elizabeth Health Center) - Myxoid neurofibroma/neurofibroma
Texas (Christus Santa Rosa Children's Hospital) - Neurofibroma, sclerosing
Texas, Crystal Beach - Intramuscular myxoma
Texas, Lubbock - Neurofibroma
Texas, Victoria - Schwannoma with degeneration
Washington, DC - Angiomyxoma
West Virginia (Greenbrier Valley Medical Center) - Neurofibroma
Australia (Sullivan Nicolaides Pathology) - Neurofibroma
Canada (Sherbrooke University Hospital) - Schwannoma (Anton B)

Ireland (Kerry General Hospital) - Renal carcinoma with rhabdoid features
Japan (Asashi General Hospital) - Neurofibroma
Oman (Khoula Hospital) - Anton B schwannoma
United Kingdom (Oxford Study Group) - Neurofibroma (7); Schwannoma (3)

Case 5 - Diagnosis:
Myxoid neurofibroma, leg
T-Y9400, M-95400

Case 5 - References:
Viskochil DH. It Takes Two to Tango. Mast Cell and Schwann Cell Interactions in Neurofibromas. *J Clin Invest* 2003; 112(12):1851-1861.
Ball NJ and Kho GT. Melanocytic Nevi are Associated with Neurofibromas in Neurofibromatosis, Type I, But Not Sporadic Neurofibromas. A Study of 226 Cases. *J Cutan Pathol* 2005; 32(8):523-532.
Graadt van Roggen JF, Hogendoorn PC and Fletcher CD. Myxoid Tumors of Soft tissue. *Histopathology* 1999; 35(4):291-312.
Michal M, Fanburg-Smith JC, Mentzel T, et al. Dendritic Cell Neurofibroma with Pseudorosettes. A Report of 18 Cases of a Distinct and Hitherto Unrecognized Neurofibroma Variant. *Am J Surg Pathol* 2002; 26(12):1644-1648.

Case No. 6, Accession No. 30271 October 2007

Arcadia (ABC Laboratories) - Xanthogranulomatous inflammation
Long Beach (VA Long Beach Hospital - Angiomyolioma (2)
Mountain View (El Camino Hospital) - Angiomyolipoma
Oakland (BioMarin Pharmaceutical, Inc.) - Renal cell carcinoma
Oxnard (St. John's Regional Medical Center) - Juxtaglomerular cell tumor (3)
San Diego (Scripps Clinic) - Poorly differentiated malignant neoplasm
San Diego - Mixed epithelial and stromal tumor
San Diego (Naval Medical Center) - Xanthogranulomatous pyelonephritis
San Francisco (University of California San Francisco) - Angiomyolipoma
Santa Barbara - Leiomyosarcoma
Santa Rosa (Santa Rosa Memorial Hospital) - Low grade sarcoma, NOS (1); Low grade epithelioid variant of malignant peripheral nerve sheath tumor (MPNST) (1); Epithelioid angiomyolipoma (1)
Sonoma (Sonoma Valley Hospital) - Sarcomatoid renal cell carcinoma
Woodland Hills (Kaiser Permanente Medical Center) - Angiomyolipoma
Alabama (Baptist Medical Center) - Angiomyolipoma
Alabama, Mt Olive - Epithelioid angiomyolipoma
Colorado, Ft. Collins - Epithelioid angiomyolipoma
Florida (Baptist Hospital Pensacola) - Angiomyolipoma with leiomyoblasts
Georgia, Decatur - Epithelioid angiomyolipoma
Illinois, Burr Ridge - Epithelioid angiomyolipoma
Illinois (Heartland Regional Medical Center) - Renal cell carcinoma
Illinois (MacNeal Hospital) - Angiomyolipoma, fat poor
Illinois (Sarah Bush Lincoln Health Center) - Renal cell carcinoma (clear cell carcinoma) vs. clear cell sarcoma of soft parts vs. metastatic malignant melanoma
Indiana (Pathology & Forensic Consultants) - Malignant fibrous histiocytoma (1); Epithelioid angiomyolipoma (1)
Indiana (St. Joseph Hospital) - Granular renal cell carcinoma
Kansas (Cytocheck Laboratory, LLC) - Medullary renal cell carcinoma
Kentucky (University of Louisville) - Angiomyolipoma
Minnesota (Fairview Ridges Hospital) - Epithelioid angiomyolipoma
Missouri (Missouri Delta Medical Center) - Xanthogranulomatous changes (malakoplakia)

Nebraska (Creighton University) - Renal cell carcinoma
Nevada (Sunrise Hospital) - Epithelioid angiomyolipoma
New Mexico, Albuquerque - Epithelioid angiosarcoma
New York (ECMC) - Epithelioid angiomyolipoma
New York (Long Island Jewish Medical Center) - Epithelioid angiomyolipoma
New York (Stony Brook University Residents) - Epithelioid angiomyolipoma
New York (SUNY Downstate Residents) - Epithelioid angiomyolipoma
New York (Westchester Medical Center) - Angiomyolipoma
Ohio (McCullough-Hyde Memorial Hospital) - Renal cell carcinoma
Pennsylvania (Conemaugh Hospital) - Epithelioid angiomyolipoma
Pennsylvania (Drexel University College of Medicine) - Rhabdomyosarcoma
Pennsylvania (Magee Women's Hospital) - Epithelioid angiomyolipoma
Rhode Island (RI Hospital) - Epithelioid angiomyolipoma
Pennsylvania (St. Elizabeth Health Center) - Renal angiomyolipoma
Texas (Christus Santa Rosa Children's Hospital) - Paraganglioma vs. pheochromo vs. pecoma
Texas, Crystal Beach - Angiomyolipoma
Texas, Lubbock - Epithelioid angiomyolipoma
Texas, Victoria - Inflammation myofibroblastic tumor
Washington, DC - Epithelioid angiomyolipoma
West Virginia (Greenbrier Valley Medical Center) - Malakoplakia
Australia (Sullivan Nicolaides Pathology) - Epithelioid angiomyolipoma, kidney
Canada (Sherbrooke University Hospital) - Rhabdomyosarcoma
Ireland (Kerry General Hospital) - Schwannoma
Japan (Asashi General Hospital) - Epithelioid angiomyolipoma
Oman (Khoula Hospital) - Epithelioid angiomyolipoma
United Kingdom (Oxford Study Group) - Epithelioid angiomyolipoma

Case 6- Diagnosis:

Epithelioid angiomyolipoma, peri-renal
T-71000, M-88600

Case 6 - References:

Mai KT, Yazdi HM, Perkins DG, et al. Fine Needle Aspiration Biopsy of Epithelioid Angiomyolipoma. A Case Report. *Acta Cytol* 2001; 45(2):233-236.

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Case No. 7, Accession No. 30470 October 2007

Arcadia (ABC Laboratories) - Schwannoma
Long Beach (VA Long Beach Hospital - Schwannoma (2)
Mountain View (El Camino Hospital) - Schwannoma

Oakland (BioMarin Pharmaceutical, Inc.) - Schwannoma
Oxnard (St. John's Regional Medical Center) - Schwannoma (neurilemmoma)
San Diego (Scripps Clinic) - Neurilemmoma
San Diego - Schwannoma
San Diego (Naval Medical Center) - Schwannoma
San Francisco (University of California San Francisco) - Schwannoma
Santa Barbara - Schwannoma
Santa Rosa (Santa Rosa Memorial Hospital) - Schwannoma (3)
Sonoma (Sonoma Valley Hospital) - Schwannoma
Woodland Hills (Kaiser Permanente Medical Center) - Schwannoma
Alabama (Baptist Medical Center) - Schwannoma
Alabama, Mt Olive - Schwannoma
Colorado, Ft. Collins - Schwannoma (neurilemmoma)
Florida (Baptist Hospital Pensacola) - Schwannoma
Georgia, Decatur - Schwannoma
Illinois, Burr Ridge - Fibroma of tendon sheath
Illinois (Heartland Regional Medical Center) - Schwannoma
Illinois (MacNeal Hospital) - Schwannoma
Illinois (Sarah Bush Lincoln Health Center) - Schwannoma
Indiana (Pathology & Forensic Consultants) - Schwannoma (1); Fibromatosis (1)
Indiana (St. Joseph Hospital) - Schwannoma
Kansas (Cytocheck Laboratory, LLC) - Neurilemmoma
Kentucky (University of Louisville) - Schwannoma
Minnesota (Fairview Ridges Hospital) - Schwannoma
Missouri (Missouri Delta Medical Center) - Classic schwannoma (neurilemmoma)
Nebraska (Creighton University) - Schwannoma
Nevada (Sunrise Hospital) - Schwannoma
New Mexico, Albuquerque - Schwannoma with cystic features
New York (ECMC) - Schwannoma
New York (Long Island Jewish Medical Center) - Schwannoma
New York (Stony Brook University Residents) - Schwannoma
New York (SUNY Downstate Residents) - Schwannoma
New York (Westchester Medical Center) - Schwannoma
Ohio (McCullough-Hyde Memorial Hospital) - Neurilemmoma
Pennsylvania (Conemaugh Hospital) - Schwannoma
Pennsylvania (Drexel University College of Medicine) - Schwannoma
Pennsylvania (Magee Women's Hospital) - Schwannoma
Rhode Island (RI Hospital) - Schwannoma
Pennsylvania (St. Elizabeth Health Center) - Schwannoma
Texas (Christus Santa Rosa Children's Hospital) - Benign schwannoma
Texas, Crystal Beach - Schwannoma
Texas, Lubbock - Schwannoma
Texas, Victoria - Schwannoma
Washington, DC - Vascular leiomyoma/angioleiomyoma
West Virginia (Greenbrier Valley Medical Center) - Neurilemmoma
Australia (Sullivan Nicolaides Pathology) - Schwannoma
Canada (Sherbrooke University Hospital) - Schwannoma
Ireland (Kerry General Hospital) - Rhabdomyosarcoma, embryonal type, spindle cell

Japan (Asashi General Hospital) - Schwannoma
Oman (Khoula Hospital) - Aton A schwannnoma
United Kingdom (Oxford Study Group) - Schwannoma

Case 7 - Diagnosis:
Schwannoma, ankle
T-Y9500, M-95600

Case 7 - References:

Mott RC and Dellon AL. Multiple Schwannomas of the Foot. Case Report and Strategy for Treatment. *J Am Podiatr Med Assoc* 2003; 93(1):51-57.

Hennessee MT, Walter JH Jr, Wallace G, et al. Benign Schwannoma. Clinical and Histopathologic Findings. *J Am Podiatr Med* Assoc 1985; 75(6):310-314.

Gorunova L, Dawiskiba S, Andren-Sandberg A, et al. Extensive Cytogenetic Heterogeneity in a Benign Retroperitoneal Schwannoma. *Cancer Genet Cytogenet* 2001; 127(2):148-154.

Kazakov DV, Magro G, Yu Orlov A, et al. Benign Schwannoma with Perineurioma-Like Areas. A Clinicopathologic Study of 11 Cases. *Int J Surg Pathol* 2006; 14(4):320-325.

Lewis ZT, Geisinger KR, Pchardo R, et al. Schwannoma with Neuroblastoma-Like Rosettes. An Unusual Morphologic Variant. *Am J Dermatopathol* 2005; 27(3):243-246.

Pasternack WA and Winter-Reiken DJ. Unusually Large Cellular Schwannoma of the Foot. *J Am Podiatr Med Assoc* 2005; 95(2):157-160.

Case No. 8, Accession No. 30159 October 2007

Arcadia (ABC Laboratories) - High grade leiomyosarcoma
Long Beach (VA Long Beach Hospital - Rhabdomyosarcoma (2)
Mountain View (El Camino Hospital) - Rhabdomyosarcoma
Oakland (BioMarin Pharmaceutical, Inc.) - Rhabdomyosarcoma
Oxnard (St. John's Regional Medical Center) - Rhabdomyosarcoma (3)
San Diego (Scripps Clinic) - Rhabdomyosarcoma
San Diego - Spindle cell embryonal rhabdomyosarcoma
San Diego (Naval Medical Center) - Pleomorphic rhabdomyosarcoma
San Francisco (University of California San Francisco) - Rhabdomyosarcoma, embryonal
Santa Barbara - Leiomyosarcoma
Santa Rosa (Santa Rosa Memorial Hospital) - Rhabdomyosarcoma (3)
Sonoma (Sonoma Valley Hospital) - Embryonal rhabdomyosarcoma
Woodland Hills (Kaiser Permanente Medical Center) - Rhabdomyosarcoma
Alabama (Baptist Medical Center) - Embryonal rhabdomyosarcoma
Alabama, Mt Olive - Embryonal rhabdomyosarcoma
Colorado, Ft. Collins - Leiomyosarcoma
Florida (Baptist Hospital Pensacola) - Pleomorphic rhabdomyosarcoma
Georgia, Decatur - High grade sarcoma, rule out intimal sarcoma
Illinois, Burr Ridge - Rhabdomyosarcoma
Illinois (Heartland Regional Medical Center) - Embryonal rhabdomyosarcoma
Illinois (MacNeal Hospital) - Embryonal rhabdomyosarcoma
Illinois (Sarah Bush Lincoln Health Center) - High grade sarcoma
Indiana (Pathology & Forensic Consultants) - Alveolar rhabdomyosarcoma (1); Pleomorphic rhabdomyosarcoma (1)
Indiana (St. Joseph Hospital) - Alveolar rhabdomyosarcoma, solid pattern
Kentucky (University of Louisville) - Pleomorphic rhabdomyosarcoma
Minnesota (Fairview Ridges Hospital) - Alveolar rhabdomyosarcoma
Missouri (Missouri Delta Medical Center) - Myxoid liposarcoma

Nebraska (Creighton University) - Embryonal rhabdomyosarcoma
Nevada (Sunrise Hospital) - Pleomorphic rhabdomyosarcoma
New Mexico, Albuquerque - Leiomyosarcoma
New York (ECMC) - Rhabdomyosarcoma
New York (Long Island Jewish Medical Center) - Embryo rhabdomyosarcoma
New York (Stony Brook University Residents) - Spindle cell rhabdomyosarcoma with anaplasia
New York (SUNY Downstate Residents) - Rhabdomyosarcoma
New York (Westchester Medical Center) - Pleomorphic rhabdomyosarcoma
Ohio (McCullough-Hyde Memorial Hospital) - Alveolar soft part sarcoma
Pennsylvania (Conemaugh Hospital) - Rhabdomyosarcoma
Pennsylvania (Drexel University College of Medicine) - Rhabdomyosarcoma
Pennsylvania (Magee Women's Hospital) - Pleomorphic rhabdomyosarcoma
Rhode Island (RI Hospital) - Embryonal rhabdomyosarcoma
Pennsylvania (St. Elizabeth Health Center) - Embryonal rhabdomyosarcoma
Texas (Christus Santa Rosa Children's Hospital) - Pleomorphic rhabdomyosarcoma
Texas, Crystal Beach - Malignant fibrous histiocytoma
Texas, Lubbock - Embryonal rhabdomyosarcoma
Texas, Victoria - MPNST with rhabdomyosarcoma differ
Washington, DC - Embryonal rhabdomyosarcoma
West Virginia (Greenbrier Valley Medical Center) - Rhabdomyosarcoma
Australia (Sullivan Nicolaides Pathology) - Alveolar rhabdomyosarcoma, solid variant
Canada (Sherbrooke University Hospital) - Rhabdomyosarcoma
Ireland (Kerry General Hospital) - Pleomorphic sarcoma, probably rhabdomyosarcoma
Japan (Asashi General Hospital) - Embryonal rhabdomyosarcoma
Oman (Khoula Hospital) - Anaplastic embryonal rhabdomyosarcoma
United Kingdom (Oxford Study Group) - Embryonal rhabdomyosarcoma

Case 8 - Diagnosis:

High Grade Pleomorphic Sarcoma/Pleomorphic rhabdomyosarcoma, mediastinum
T-Y2300, M-89003

Case 8 - References:

Rajaram V, Hill DA, Doherty GM, et al. Pleomorphic Rhabdomyosarcoma of the Anterior Abdominal Wall Following Multimodality Treatment for Carcinoma of the Rectum. *Int J Surg Pathol* 2004; 12(2):161-165.

Parham DM and Ellison DA. Rhabdomyosarcomas in Adults and Children. An Update. *Arch Pathol Lab Med* 2006; 130(10):1454-1465.

Paner GP, Gasilionis V, and Hammadeh R. A Retroperitoneal Mass in an Elderly Woman. Pleomorphic Rhabdomyosarcoma, Classic Variant, with Reactive Osteoclast-Like Giant Cells. *Arch Pathol Lab Med* 2005; 129(5):703-705.

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Little DJ, Ballo MT, Zagars GK, et al. Adult Rhabdomyosarcoma. Outcome Following Multimodality Treatment. *Cancer* 2002; 95(2):377-388.

Massi D, Beltrami G, Capanna R, et al. Histopathological Re-Classification of Extremity Pleomorphic Soft Tissue Sarcoma Has Clincal Relevance. *Eur J Surg Oncol* 2004; 30(10):1131-1136.

Case No. 9, Accession No. 30438 October 2007

Arcadia (ABC Laboratories) - High grade pleomorphic malignant fibrous histiocytoma
Long Beach (VA Long Beach Hospital - Sarcoma, NOS (2)
Mountain View (El Camino Hospital) - MFH pleomorphic, storiform type
Oakland (BioMarin Pharmaceutical, Inc.) - Malignant fibrous histiocytoma

Oxnard (St. John's Regional Medical Center) - Sarcoma (2); Myxoid liposarcoma (1)
San Diego (Scripps Clinic) - High grade sarcoma (pleomorphic-storiform MFH)
San Diego - Rhabdomyosarcoma
San Diego (Naval Medical Center) - High grade sarcoma favor MFH
San Francisco (University of California San Francisco) - High grade sarcoma
Santa Barbara - Malignant peripheral nerve sheath tumor
Santa Rosa (Santa Rosa Memorial Hospital) - Malignant fibrous histiocytoma (3)
Sonoma (Sonoma Valley Hospital) - Pleomorphic liposarcoma
Woodland Hills (Kaiser Permanente Medical Center) - High grade sarcoma (MFH vs. leiomyosarcoma)
Alabama (Baptist Medical Center) - Pleomorphic liposarcoma
Alabama, Mt Olive - High grade pleomorphic sarcoma, possibly a malignant peripheral nerve sheath tumor
Colorado, Ft. Collins - Rhabdomyosarcoma
Florida (Baptist Hospital Pensacola) - Malignant fibrous histiocytoma
Georgia, Decatur - Pleomorphic sarcoma (MFH)
Illinois, Burr Ridge - MPNST
Illinois (Heartland Regional Medical Center) - Malignant fibrous histiocytoma
Illinois (MacNeal Hospital) - High grade sarcoma, MFH
Illinois (Sarah Bush Lincoln Health Center) - Malignant fibrous histiocytoma
Indiana (Pathology & Forensic Consultants) - Malignant fibrous histiocytoma (2)
Indiana (St. Joseph Hospital) - Cellular fibrous histiocytoma
Kansas (Cytocheck Laboratory, LLC) - Proliferative fasciitis
Kentucky (University of Louisville) - Leiomyosarcoma
Minnesota (Fairview Ridges Hospital) - Malignant fibrous histiocytoma
Missouri (Missouri Delta Medical Center) - Pleomorphic liposarcoma
Nebraska (Creighton University) - High grade pleomorphic sarcoma
Nevada (Sunrise Hospital) - Malignant fibrous histiocytoma
New Mexico, Albuquerque - Pleomorphic sarcoma
New York (ECMC) - Dedifferentiated liposarcoma
New York (Long Island Jewish Medical Center) - Malignant fibrous histiocytoma
New York (Stony Brook University Residents) - Myxoinflammatory ? sarcoma
New York (SUNY Downstate Residents) - Malignant fibrous histiocytoma
New York (Westchester Medical Center) - Malignant fibrous histiocytoma
Ohio (McCullough-Hyde Memorial Hospital) - Malignant fibrous histiocytoma
Pennsylvania (Conemaugh Hospital) - Malignant fibrous histiocytoma
Pennsylvania (Drexel University College of Medicine) - Malignant fibrous histiocytoma
Pennsylvania (Magee Women's Hospital) - Dedifferentiated liposarcoma
Rhode Island (RI Hospital) - Pleomorphic malignant fibrous histiocytoma/undifferentiated high grade pleomorphic sarcoma
Pennsylvania (St. Elizabeth Health Center) - Pleomorphic rhabdomyosarcoma
Texas (Christus Santa Rosa Children's Hospital) - Rhabdomyosarcoma ? spindle cell type
Texas, Crystal Beach - Malignant fibrous histiocytoma
Texas, Lubbock - Malignant fibrous histiocytoma
Texas, Victoria - Pleomorphic sarcoma (rhabdo?)
Washington, DC - Malignant fibrous histiocytoma
West Virginia (Greenbrier Valley Medical Center) - Epithelioid sarcoma
Australia (Sullivan Nicolaides Pathology) - Pleomorphic malignant fibrous histiocytoma
Canada (Sherbrooke University Hospital) - Myxofibrosarcoma
Ireland (Kerry General Hospital) - Pleomorphic sarcoma, probably rhabdomyosarcoma

Japan (Asashi General Hospital) - Pleomorphic malignant fibrous histiocytoma

Oman (Khoula Hospital) - Malignant fibrous histiocytoma

United Kingdom (Oxford Study Group) - Pleomorphic undifferentiated sarcoma (MFH)

Case 9 - Diagnosis:

High grade pleomorphic sarcoma with phenotype of so-called MFH, posterior leg
T-Y9400, M-88303

Case 9 - References:

Franchi A, Massi D and Santucci M. The Comparative Role of Immunohistochemistry and Electron Microscopy in the Identification of Myogenic Differentiation in Soft Tissue Pleomorphic Sarcomas. *Ultrastruct Pathol* 2005; 29:295-304.

Massi D, Betrami G, Capanna R, et al. Histopathological Re-Classification of Extremity Pleomorphic Soft Tissue Sarcoma Has Clinical Relevance. *Eur J Surg Oncol* 2004; 30(10):1131-1136.

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Fletcher CD. The Evolving Classification of Soft Tissue Tumours. An Update Based on the New WHO Classification. *Histopathol* 2006; 48(1):3-12.

Deyrup AT, Haydon RC, Huo D, et al. Myxoid Differentiation and Prognosis in Adult Pleomorphic Sarcomas of the Extremity. An Analysis of 92 Cases. *Cancer* 2003; 98(4):805-813.

Case No. 10, Accession No. 30330 October 2007

Arcadia (ABC Laboratories) - High grade chondrosarcoma

Long Beach (VA Long Beach Hospital - Chondrosarcoma (2)

Mountain View (El Camino Hospital) - Extraskeletal myxoid chondrosarcoma

Oakland (BioMarin Pharmaceutical, Inc.) - Alveolar soft part sarcoma

Oxnard (St. John's Regional Medical Center) - Myxoid chondrosarcoma (1); Extraskeletal myxoid chondrosarcoma (1); Chondrosarcoma (1)

San Diego (Scripps Clinic) - Extraskeletal myxoid chondrosarcoma

San Diego - Extraskeletal myxoid chondrosarcoma

San Diego (Naval Medical Center) - Extraskeletal myxoid chondrosarcoma

San Francisco (University of California San Francisco) - Extraskeletal myxoid chondrosarcoma

Santa Barbara - Chondrosarcoma

Santa Rosa (Santa Rosa Memorial Hospital) - Chondrosarcoma (1); Extraskeletal chondrosarcoma with myxoid features (1)

Sonoma (Sonoma Valley Hospital) - Myxoid liposarcoma

Woodland Hills (Kaiser Permanente Medical Center) - Myxoid chondrosarcoma

Alabama (Baptist Medical Center) - Chondromyxoid fibroma

Alabama, Mt Olive - Extraskeletal myxoid chondrosarcoma

Colorado, Ft. Collins - Myxoid chondrosarcoma

Florida (Baptist Hospital Pensacola) - Myxoid chondrosarcoma

Georgia, Decatur - Extraskeletal myxoid chondrosarcoma

Illinois, Burr Ridge - Chondrosarcoma

Illinois (Heartland Regional Medical Center) - Myxoid chondrosarcoma

Illinois (MacNeal Hospital) - Extraskeletal myxoid chondrosarcoma

Illinois (Sarah Bush Lincoln Health Center) - Myxoid chondrosarcoma vs. chondroma

Indiana (Pathology & Forensic Consultants) - Myxoid chondrosarcoma (1); Dedifferentiated chondrosarcoma (1)

Indiana (St. Joseph Hospital) - Extraskeletal myxoid chondrosarcoma vs. myxoid liposarcoma

Kansas (Cytocheck Laboratory, LLC) - Chondrosarcoma

Kentucky (University of Louisville) - Chordoma
Minnesota (Fairview Ridges Hospital) - Extraskeletal myxoid chondrosarcoma
Missouri (Missouri Delta Medical Center) - Chordoma
Nebraska (Creighton University) - Extraskeletal mesenchymal chondrosarcoma
Nevada (Sunrise Hospital) - Chondoma
New Mexico, Albuquerque - Myxoid chondrosarcoma
New York (ECMC) - Myxoid chondrosarcoma
New York (Long Island Jewish Medical Center) - Extraskeletal myxoid chondrosarcoma
New York (Stony Brook University Residents) - Chordoma
New York (SUNY Downstate Residents) - Extraskeletal myxoid chondrosarcoma
New York (Westchester Medical Center) - Chondrosarcoma
Ohio (McCullough-Hyde Memorial Hospital) - Chondrosarcoma
Pennsylvania (Conemaugh Hospital) - Chondrosarcoma
Pennsylvania (Drexel University College of Medicine) - Chondrosarcoma
Pennsylvania (Magee Women's Hospital) - Myxoid chondrosarcoma
Rhode Island (RI Hospital) - Extraskeletal myxoid chondrosarcoma
Pennsylvania (St. Elizabeth Health Center) - Chondrosarcoma
Texas (Christus Santa Rosa Children's Hospital) - Extraskeletal myxoid chondrosarcoma
Texas, Crystal Beach - Mucinous adenocarcinoma, necrotic
Texas, Lubbock - Extraskeletal chondrosarcoma
Texas, Victoria - Chordoma
Washington, DC - Myxoid chondrosarcoma/extraskeletal
West Virginia (Greenbrier Valley Medical Center) - Chondrosarcoma
Australia (Sullivan Nicolaides Pathology) - Mesenchymal chondrosarcoma
Canada (Sherbrooke University Hospital) - Extraskeletal chondrosarcoma
Ireland (Kerry General Hospital) - Extraskeletal myxoid chondrosarcoma
Japan (Asashi General Hospital) - Chordoma
Oman (Khoula Hospital) - Extraskeletal myxoid chondrosarcoma
United Kingdom (Oxford Study Group) - Extraskeletal myxoid chondrosarcoma

Case 10 - Diagnosis:

Extraskeletal myxoid chondrosarcoma
T-Y1600, M-92203

Case 10 - References:

Jakowski JD and Wakely PE Jr. Cytopathology of Extraskeletal Myxoid Chondrosarcoma. Report of 8 Cases. *Cancer* 2007; 111(5):298-305.

Harris M, Coyne J, Tariq M, et al. Extraskeletal Myxoid Chondrosarcoma with Neuroedocrine Differentiation. A Pathologic, Cytogenetic, and Molecular Study of a Case with a Novel Translocation t(9;17)(q22;q11.2). *Am J Surg Pathol* 2000; 24(7):1020-1026.

Fisher C. Parachordoma Exists, But What Is It? *Adv Anat Pathol* 2000; 7(3):141-148.

Antonescu CR, Argani P, Erlandson RA, et al. Skeletal and Extraskeletal Myxoid Chondrosarcoma. A Comparative Clinicopathologic, Ultrastructural, and Molecular Study. *Cancer* 1998; 83(8):1504-1521.

Dixit CV, Shah RB and Desai M. Extraskeletal Chondrosarcoma of the Gluteal Region. *Ind J Pathol Microbiol* 1979; 22(2):177-179.