



CALIFORNIA
TUMOR TISSUE REGISTRY

“SOFT TISSUE PATHOLOGY”

Minutes – Subscription B

October, 2003



SUGGESTED READING (General Topics from Recent Literature):

News About the Sentinel Node in Breast Cancer. Mazzarol G. *Curr Probl Cancer*, 2003, Jan-Feb; 27(1):29-31.

Stool DNA Mutation Testing For Colorectal Cancer Detection: Sensitivity and Reproducibility. Brand RE, Shuber AP, Laken SJ, et al: *Am J Gastroenterol*, 2001; 96:5144.

Gastrointestinal Stromal Tumors--Definition, Clinical, Histologic, Immunohistochemical, and Molecular Genetic Features and Differential Diagnosis. Miettinen M, Lasota J. *Virchows Arch*, 2001 Jan; 438(1):1-12. Review.

The Sequence of the Human Genome Venter JC, Adams MD, Myers EW, et al. *Science*, 2001; 291:1304-51.

Celebrating the Genetic Jubilee: A Conversation With James D. Watson. IWatson JD. *Sci Am*, 2003 Apr; 288(4):66-9.

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FILE DIAGNOSES

CTTR Subscription B

October, 2003

Case 1:

**Sarcoma, likely monophasic synovial sarcoma, chest wall
T-Y2150, M-90403**

Case 2:

**Well-differentiated liposarcoma with spindled cells (spindle cell liposarcoma), back
T-Y1100, M-88513**

Case 3:

**Lipoleiomyosarcoma (dedifferentiated from atypical lipoma), thigh
T-Y9100, M-88503**

Case 4:

**Plexiform neurofibroma, pelvis
T-Y6000, M-95500**

Case 5:

**Plexiform schwannoma, thigh
T-Y9100, M-95600**

Case 6:

**Intramuscular myxoma, thigh
T-Y9100, M-88400**

Case 7:

**Aggressive angiomyxoma, pelvis
T-Y6000, M-88940**

Case 8:

**Low grade fibromyxoid sarcoma, arm
T-Y8000, M-88113**

Case 9:

**Diffuse tenosynovial giant cell tumor, leg
T-Y9400, M-92511**

Case 10:

**Pleomorphic high grade sarcoma (storiform-pleomorphic MFH), forearm
T-Y8500, M-88023**

Escondido - Synovial sarcoma
Glendale (Glendale Pathology Association) - Myxoid chondrosarcoma
Granada Hills - Fibrosarcoma
Loma Linda (LLUMC Residents) - Monophasic epithelial synovial sarcoma
Orange (UCI Medical Center Residents) - Sarcoma, favor synovial sarcoma
Sacramento (UC Davis Medical Center) - Synovial sarcoma/sarcoma, NOS
Arizona (Phoenix Memorial Hospital) - Extracranial hemangioma
Colorado, Denver - Synovial sarcoma
Florida (Winter Haven Hospital) - Soft tissue chondrosarcoma
Florida, Ocala - Epithelioid fibrosarcoma
Georgia, Decatur - Mesenchymal chondrosarcoma
Illinois (Heartland Regional Medical Center) - Myxoid chondrosarcoma
Kansas (Coffeyville Regional Medical Center) - Malignant fibrous histiocytoma
Kansas (University of Kansas Medical Center) - Epithelioid sarcoma
Kansas, Manhattan - Synovial sarcoma
Kentucky (University of Louisville Medical Center) - Desmoid versus extra-cranial meningioma versus leiomyosarcoma
Louisiana (Louisiana State University Health Science Center) - Synovial sarcoma
Louisiana, Metairie - Proximal-type epithelioid sarcoma
Maryland (Johns Hopkins Medical Center) - Monophasic synovial sarcoma
Maryland (National Cancer Institute) - Chondromyxoid fibroma
Maryland (National Naval Medical Center) - Rhabdomyosarcoma (3), Extra-skeletal myxoid chondrosarcoma (3), Leiomyosarcoma (2), Myxoid dermatofibrosarcoma protuberans (4)
Michigan (St. Joseph Mercy Hospital) - High grade sarcoma, not otherwise classifiable
Michigan, Grand Rapids - Chondroid lipoma
Mississippi (University of Mississippi Medical Center) - Myxoid chondrosarcoma
Missouri (Ferguson Lab) - Synovial sarcoma
New Mexico (University of New Mexico) - Perineuroma
New York (Nassau University Medical Center) - Myxoid synovial sarcoma
New York (New York Presbyterian Hospital) - Extraskelatal myxoid chondrosarcoma
New York (Stony Brook University Hospital) - Perineurioma
North Carolina, Fayetteville - Malignant extra-renal rhabdoid tumor
Oklahoma (Oklahoma University Health Science Center) - Monophasic fibrous synovial sarcoma
Pennsylvania (Allegheny General Hospital) - MIX tumor of soft tissue
Pennsylvania (Memorial Medical Center) - Chondrosarcoma
Pennsylvania (UPMC/Shadyside) - Extra-skeletal myxoid chondrosarcoma
Rhode Island (Rhode Island Hospital Pathology Residents) - Extraskelatal myxoid chondrosarcoma
Texas (Scott & White Hospital) - Extra-skeletal myxoid chondrosarcoma
Texas, Lubbock - Chondrosarcoma
Texas, San Antonio - Epithelioid sarcoma. Perineuroma?
Washington, D.C. - Chondromyxoid fibroma
Canada (CUSI, Site Fleurimont) - Alveolar rhabdomyosarcoma, solid variant
Canada (University of Calgary, Foothills Hospital) - Synovial sarcoma
China (Sir Run Run Shaw Hospital) - Synovial sarcoma
Italy, Naples - Possible metastatic meningioma
Japan (Hamamatsu University School of Medicine) - Synovial sarcoma
Japan (Gunma University Hospital) - Cellular neurothekeoma
Japan, Chiba - Cellular variant of myxoid chondrosarcoma
Puerto Rico (University of Puerto Rico) - Myxoid round cell liposarcoma/malignant perineurioma
Qatar, Doha - Poorly-differentiated synovial sarcoma (2); Myxoid chondrosarcoma (6)
Spain (Povisa) - Myxoid chondrosarcoma
The Netherlands, Amstelveen - Synovial sarcoma

Case 1 - Diagnosis:

Sarcoma, likely monophasic synovial sarcoma, chest wall
T-Y2150, M-90403

Outside Consultation: M. Mietinnen, M.D. (AFIP) - High grade sarcoma, consistent with poorly-differentiated synovial sarcoma.

Outside Consultation: S. Weiss, M.D. (Emory University) - Sarcoma, not further classified, low grade

Case 1 - References:

- Tajima K, Fuyama S, Yamaguchi H, et al: Pure Monophasic, Epithelial Synovial Sarcoma Without a Spindle Cell Component. *Histopathology*, 1999 Jan; 34(1):78-81.
- Antonescu CR, Kawai A, Leung DH, et al: Strong Association of SYT-SSX Fusion Type and Morphologic Epithelial Differentiation in Synovial Sarcoma. *Diagn Mol Pathol*, 2000 Mar; 9(1):1-8.
- Aubry MC, Bridge JA, Wickert R, Tazelaar HD: Primary Monophasic Synovial Sarcoma of the Pleura: Five Cases Confirmed by the Presence of SYT-SSX Fusion Transcript. *Am J Surg Pathol*, 2001 Jun; 25(6):776-81.

Case No. 2, Accession No. 29520

October, 2003

Escondido - Liposarcoma
Glendale (Glendale Pathology Association) - Fibrolipoma versus fasciitis
Granada Hills - Atypical lipoma
Loma Linda (LLUMC Residents) - Low grade (well-differentiated) liposarcoma
Orange (UCI Medical Center Residents) - Spindle cell lipoma
Sacramento (UC Davis Medical Center) - Fibrolipoma
Arizona (Phoenix Memorial Hospital) - Lipoma with fat necrosis
Colorado, Denver - Low grade liposarcoma
Florida (Winter Haven Hospital) - Intramuscular lipoma
Florida, Ocala - Spindle cell lipoma
Georgia, Decatur - Spindle cell lipoma
Illinois (Heartland Regional Medical Center) - Intramuscular atypical lipomatous tumor
Kansas (Coffeyville Regional Medical Center) - Intramuscular lipoma
Kansas (University of Kansas Medical Center) - Spindle cell lipoma
Kansas, Manhattan - Liposarcoma
Kentucky (University of Louisville Medical Center) - Spindle cell lipoma
Louisiana (Louisiana State University Health Science Center) - Intramuscular spindle cell lipoma
Louisiana, Metairie - Spindle cell lipoma
Maryland (Johns Hopkins Medical Center) - Pleomorphic lipoma
Maryland (National Cancer Institute) - Fibromyxolipoma
Maryland (National Naval Medical Center) - Spindle/pleomorphic lipoma
Michigan (St. Joseph Mercy Hospital) - Lipoma
Michigan, Grand Rapids - Pleomorphic lipoma
Mississippi (University of Mississippi Medical Center) - Spindle cell lipoma
Missouri (Ferguson Lab) - Myolipoma (benign variant of lipoma)
New Mexico (University of New Mexico) - Spindle cell lipoma
New York (Nassau University Medical Center) - Spindle cell lipoma
New York (New York Presbyterian Hospital) - Spindle cell lipoma
New York (Stony Brook University Hospital) - Spindle cell lipoma
North Carolina, Fayetteville - Intramuscular lipoma
Oklahoma (Oklahoma University Health Science Center) - Spindle cell lipoma
Pennsylvania (Allegheny General Hospital) - Lipoma with myxoid change
Pennsylvania (Memorial Medical Center) - Lipoma
Pennsylvania (UPMC/Shadyside) - Spindle cell lipoma with myxoid and reactive changes, and features of biopsy effect
Rhode Island (Rhode Island Hospital Pathology Residents) - Atypical lipomatous tumor/well-differentiated liposarcoma
Texas (Scott & White Hospital) - Benign lipomatous hamartoma
Texas, Lubbock - Spindle cell lipoma
Texas, San Antonio - Spindle cell lipoma
Washington, D.C. - Myxolipoma
Canada (CUSI, Site Fleurimont) - Well-differentiated sclerosing liposarcoma
Canada (University of Calgary, Foothills Hospital) - Atypical lipomatous tumor
China (Sir Run Run Shaw Hospital) - Well-differentiated liposarcoma
Italy, Naples - Spindle cell lipoma
Japan (Hamamatsu University School of Medicine) - Liposarcoma, well-differentiated
Japan (Gunma University Hospital) - Spindle cell lipoma
Japan, Chiba - Fibrolipoma of the back
Puerto Rico (University of Puerto Rico) - Fibrolipoma/myolipoma
Qatar, Doha - Atypical lipomatous tumor
Spain (Povisa) - Well-differentiated liposarcoma
The Netherlands, Amstelveen - Spindle cell lipoma

Case 2 - Diagnosis:

Well-differentiated liposarcoma with spindled cells (spindle cell liposarcoma), back T-Y1100, M-88513

Case 2 - References:

- Dei Tos AP, Mentzel T, Newman PL, Fletcher CDM: Spindle Cell Liposarcoma: A Hitherto Unrecognized Variant of Well-Differentiated Liposarcoma: An Analysis of Six Cases. *Am J Surg Pathol*, 1994; 18(9):913-21.
- Gibas Z, Miettinen M, Limon J, et al: Cytogenetic and Immunohistochemical Studies Were Performed in Nine Myxoid Liposarcomas. *Am J Clin Pathol*, 1995; 103:20.
- Kuo TT: Images in Pathology: Multiple Cytoplasmic Vacuoles in a Spindle Cell Liposarcoma. *Int J Surg Pathol*, 2002 Jul; 10(3):208.
- Guillou L, Coindre JM: Newly Described Adipocytic Lesions. *Semin Diagn Pathol*, 2001 Nov; 18(4):238-49. Review.
- Mentzel T: Lipomatous Tumors of the Skin and Soft Tissue. New Entities and Concepts. *Pathologe*, 2000 Nov; 21(6):441-8. Review.
- Meis-Kindblom JM, Sjogren H, Kindblom LG, et al: Cytogenetic and Molecular Genetic Analyses of Liposarcoma and Its Soft Tissue Simulators: Recognition of New Variants and Differential Diagnosis. *Virchows Arch*, 2001 Aug; 439(2):141-51.

Case No. 3, Accession No. 29592

October, 2003

Escondido - Rhabdomyosarcoma

Glendale (Glendale Pathology Association) - Lipoleiomyosarcoma, dedifferentiated

Granada Hills - Pleomorphic rhabdomyosarcoma

Loma Linda (LLUMC Residents) - Dedifferentiated liposarcoma with scattered rhabdomyosarcomatous component

Orange (UCI Medical Center Residents) - Sarcoma, favor liposarcoma

Sacramento (UC Davis Medical Center) - Rhabdomyosarcoma

Arizona (Phoenix Memorial Hospital) - Pleomorphic rhabdomyosarcoma

Colorado, Denver - Rhabdomyosarcoma

Florida (Winter Haven Hospital) - Malignant fibrous histiocytoma

Florida, Ocala - Rhabdomyosarcoma

Georgia, Decatur - Pleomorphic rhabdomyosarcoma

Illinois (Heartland Regional Medical Center) - Pleomorphic rhabdomyosarcoma

Kansas (Coffeyville Regional Medical Center) - Atypical intramuscular lipomatous tumor

Kansas (University of Kansas Medical Center) - Pleomorphic sarcoma (rhabdo versus leiomyo)

Kansas, Manhattan - Poorly-differentiated leiomyosarcoma

Kentucky (University of Louisville Medical Center) - Pleomorphic liposarcoma versus dedifferentiated liposarcoma

Louisiana (Louisiana State University Health Science Center) - Liposarcoma

Louisiana, Metairie - Pleomorphic rhabdomyosarcoma

Maryland (Johns Hopkins Medical Center) - Leiomyosarcoma

Maryland (National Cancer Institute) - Pleomorphic rhabdomyosarcoma

Maryland (National Naval Medical Center) - Dedifferentiated liposarcoma

Michigan (St. Joseph Mercy Hospital) - Pleomorphic rhabdomyosarcoma

Michigan, Grand Rapids - Rhabdomyosarcoma

Mississippi (University of Mississippi Medical Center) - Rhabdomyosarcoma

Missouri (Ferguson Lab) - Proliferative myositis

New Mexico (University of New Mexico) - Dedifferentiated liposarcoma

New York (Nassau University Medical Center) - Pleomorphic rhabdomyosarcoma

New York (New York Presbyterian Hospital) - Dedifferentiated liposarcoma

New York (Stony Brook University Hospital) - Pleomorphic rhabdomyosarcoma

North Carolina, Fayetteville - Dedifferentiated liposarcoma

Oklahoma (Oklahoma University Health Science Center) - Pleomorphic rhabdomyosarcoma

Pennsylvania (Allegheny General Hospital) - Leiomyosarcoma

Pennsylvania (Memorial Medical Center) - Rhabdomyosarcoma/high grade pleomorphic sarcoma

Pennsylvania (UPMC/Shadyside) - Pleomorphic leiomyosarcoma

Rhode Island (Rhode Island Hospital Pathology Residents) - Pleomorphic leiomyosarcoma

Texas (Scott & White Hospital) - Dedifferentiated liposarcoma

Texas, Lubbock - Rhabdomyosarcoma

Texas, San Antonio - Pleomorphic sarcoma - ? leiomyosarcoma

Washington, D.C. - Malignant fibrous histiocytoma, pleomorphic

Canada (CUSI, Site Fleurimont) - Pleomorphic rhabdomyosarcoma

Canada (University of Calgary, Foothills Hospital) - Leiomyosarcoma
China (Sir Run Run Shaw Hospital) - Pleomorphic rhabdomyosarcoma
Italy, Naples - Pleomorphic rhabdomyosarcoma
Japan (Hamamatsu University School of Medicine) - Pleomorphic rhabdomyosarcoma
Japan (Gunma University Hospital) - Pleomorphic leiomyosarcoma
Japan, Chiba - Pleomorphic rhabdomyosarcoma of the left leg
Puerto Rico (University of Puerto Rico) - Pleomorphic leiomyosarcoma
Qatar, Doha - Pleomorphic leiomyosarcoma
Spain (Povisa) - Pleomorphic rhabdomyosarcoma
The Netherlands, Amstelveen - Leiomyosarcoma

CASE 3 - Diagnosis:

**Lipoleiomyosarcoma (dedifferentiated from atypical lipoma), thigh
 T-Y9100, M-88503**

Case 3 - References:

Folpe AL, Weiss SW: Lipoleiomyosarcoma (Well-Differentiated Liposarcoma With Leiomyosarcomatous Differentiation): A Clinicopathologic Study of Nine Cases Including One With Dedifferentiation. *Am J Surg Pathol*, 2002 Jun; 26(6):742-9.
 Schier J: A Case of Lipoleiomyosarcoma of the Kidney. *Pol Tyg Lek*, 1966 Aug 1; 21(31):1208-10.
 Gomez-Roman JJ, Val-Bernal JF: Lipoleiomyosarcoma of the Mediastinum. *Pathology*, 1997 Nov; 29(4):428-30.
 Willeke F, Ridder R, Mechttersheimer G, et al: Analysis of FUS-CHOP Fusion Transcripts in Different Types of Soft Tissue Liposarcoma and Their Diagnostic Implications. *Clin Cancer Res*, 1998 Jul; 4(7):1779-84.

Case No. 4, Accession No. 29273

October, 2003

Escondido - Malignant peripheral nerve sheath tumor
Glendale (Glendale Pathology Association) - Plexiform neurofibroma
Granada Hills - Fibrous hamartoma
Loma Linda (LLUMC Residents) - Plexiform neurofibroma
Orange (UCI Medical Center Residents) - Plexiform neurofibroma
Sacramento (UC Davis Medical Center) - Plexiform neurofibromatosis
Arizona (Phoenix Memorial Hospital) - Plexiform neurofibroma
Colorado, Denver - Neurofibrosarcoma
Florida (Winter Haven Hospital) - Plexiform neurofibroma
Florida, Ocala - Plexiform neurofibroma
Georgia, Decatur - Plexiform neurofibroma
Illinois (Heartland Regional Medical Center) - Large plexiform neurofibroma (massive soft tissue neurofibroma)
Kansas (Coffeyville Regional Medical Center) - Plexiform neurofibroma
Kansas (University of Kansas Medical Center) - Ganglioneuroma
Kansas, Manhattan - Plexiform neurofibroma
Kentucky (University of Louisville Medical Center) - Plexiform neurofibroma
Louisiana (Louisiana State University Health Science Center) - Plexiform neurofibroma
Louisiana, Metairie - Plexiform neurofibroma
Maryland (Johns Hopkins Medical Center) - MPNST (malignant peripheral nerve sheath tumor), arising from a neurofibroma
Maryland (National Cancer Institute) - Ganglioneuroma, mature
Maryland (National Naval Medical Center) - Plexiform neurofibroma (10), Ganglioneuroma (2), Ganglioneuroblastoma (1)
Michigan (St. Joseph Mercy Hospital) - Plexiform neurofibroma
Michigan, Grand Rapids - Embryonal rhabdomyosarcoma
Mississippi (University of Mississippi Medical Center) - Plexiform neurofibroma
Missouri (Ferguson Lab) - Botryoid-type embryonal rhabdomyosarcoma
New Mexico (University of New Mexico) - Plexiform neurofibroma
New York (Nassau University Medical Center) - Massive soft tissue neurofibroma
New York (New York Presbyterian Hospital) - Plexiform neurofibroma
New York (Stony Brook University Hospital) - Plexiform neurofibroma
North Carolina, Fayetteville - Plexiform neurofibroma
Oklahoma (Oklahoma University Health Science Center) - Plexiform neurofibroma
Pennsylvania (Allegheny General Hospital) - Plexiform neuroma
Pennsylvania (Memorial Medical Center) - Plexiform neurofibroma
Pennsylvania (UPMC/Shadyside) - Plexiform neurofibroma
Rhode Island (Rhode Island Hospital Pathology Residents) - Plexiform neurofibroma

Texas (Scott & White Hospital) - Plexiform neurofibroma
Texas, Lubbock - Plexiform neurofibroma
Texas, San Antonio - Plexiform neurofibroma
Washington, D.C. - Neurogenic tumor (neurofibroma, malignant)
Canada (CUSI, Site Fleurimont) - Neurofibroma
Canada (University of Calgary, Foothills Hospital) - Plexiform neurofibroma
China (Sir Run Run Shaw Hospital) - Plexiform neurofibroma
Italy, Naples - Malignant peripheral nerve sheath tumor (plexiform)
Japan (Hamamatsu University School of Medicine) - Neurofibroma
Japan (Gunma University Hospital) - Neurofibroma
Japan, Chiba - Neurofibroma of urinary bladder
Puerto Rico (University of Puerto Rico) - Plexiform neurofibroma
Qatar, Doha - Plexiform neurofibroma
Spain (Povisa) - Plexiform neurofibroma
The Netherlands, Amstelveen - Plexiform neurofibroma

Case 4 - Diagnosis:

Plexiform neurofibroma, pelvis
T-Y6000, M-95500

Case 4 - References:

Ameur A, Lezrek M, Jira H, et al: Solitary Giant Retroperitoneal Neurofibroma. *Prog Urol*, 2002 Jun; 12(3):465-8.
 Koga T, Iwasaki H, Ishiguro M, et al: Losses in Chromosomes 17, 19, and 22q in Neurofibromatosis Type I And Sporadic Neurofibromas: A Comparative Genomic Hybridization Analysis. *Cancer Genet Cytogenet*, 2002 Jul 15; 136(2):113-20.
 Magro P, Piana M, Venti C, et al: Solitary Neurofibroma of the Mesentery: Report of a Case and Review of The Literature. *Pathol Res Pract*, 2000; 196(10):713-8. Review.
 Lanzafame S, Villari L, Viola S, Magro G: Solitary Neurofibroma of the Mesentery: A Case Report With Immunohistochemical Study of Extracellular Matrix. *Pathologica*, 1994 Jun; 86(3):304-6.

Case No. 5, Accession No. 29754

October, 2003

Escondido - Neurofibrosarcoma
Glendale (Glendale Pathology Association) - Plexiform schwannoma
Granada Hills - Neurilemmoma
Loma Linda (LLUMC Residents) - Peripheral nerve sheath tumor; Plexiform schwannoma
Orange (UCI Medical Center Residents) - Plexiform schwannoma
Sacramento (UC Davis Medical Center) - Peripheral nerve sheath tumor with focal invasion/schwannoma
Arizona (Phoenix Memorial Hospital) - Plexiform schwannoma
Colorado, Denver - Plexiform neurofibroma
Florida (Winter Haven Hospital) - Schwannoma
Florida, Ocala - Plexiform schwannoma
Georgia, Decatur - Schwannoma
Illinois (Heartland Regional Medical Center) - Plexiform schwannoma
Kansas (Coffeyville Regional Medical Center) - Plexiform schwannoma
Kansas (University of Kansas Medical Center) - Diffuse plexiform neurofibroma
Kansas, Manhattan - Plexiform schwannoma
Kentucky (University of Louisville Medical Center) - Malignant peripheral nerve sheath tumor
Louisiana (Louisiana State University Health Science Center) - Schwannoma versus neurofibroma
Louisiana, Metairie - Plexiform schwannoma
Maryland (Johns Hopkins Medical Center) - Plexiform neurofibroma w/schwannoma
Maryland (National Cancer Institute) - Plexiform neurofibroma
Maryland (National Naval Medical Center) - Plexiform schwannoma (8), Benign peripheral nerve sheath tumor (3), neurofibroma with plexiform and diffuse features (2)
Michigan (St. Joseph Mercy Hospital) - Plexiform schwannoma, of low or borderline malignant potential
Michigan, Grand Rapids - Plexiform neurofibroma
Mississippi (University of Mississippi Medical Center) - Plexiform neurofibroma, ? malignant
Missouri (Ferguson Lab) - Plexiform neurofibroma with multifocal schwannoma-like nodules
New Mexico (University of New Mexico) - Plexiform schwannoma
New York (Nassau University Medical Center) - Plexiform schwannoma
New York (New York Presbyterian Hospital) - Plexiform schwannoma

[New York \(Stony Brook University Hospital\)](#) - Neurofibroma (with Schwannian features)
[North Carolina, Fayetteville](#) - Plexiform schwannoma
[Oklahoma \(Oklahoma University Health Science Center\)](#) - Plexiform schwannoma
[Pennsylvania \(Allegheny General Hospital\)](#) - Plexiform schwannoma
[Pennsylvania \(Memorial Medical Center\)](#) - Plexiform neurofibroma
[Pennsylvania \(UPMC/Shadyside\)](#) - Diffuse neurofibromatosis
[Rhode Island \(Rhode Island Hospital Pathology Residents\)](#) - Plexiform schwannoma
[Texas \(Scott & White Hospital\)](#) - Plexiform neurofibroma
[Texas, Lubbock](#) - Plexiform neurofibroma
[Texas, San Antonio](#) - Plexiform schwannoma
[Washington, D.C.](#) - Schwannoma, plexiform
[Canada \(CUSI, Site Fleurimont\)](#) - Neurofibroma
[Canada \(University of Calgary, Foothills Hospital\)](#) - Plexiform schwannoma
[China \(Sir Run Run Shaw Hospital\)](#) - Plexiform schwannoma
[Italy, Naples](#) - Plexiform neurofibroma
[Japan \(Hamamatsu University School of Medicine\)](#) - Low grade malignant peripheral nerve sheath tumor arising in a neurofibroma
[Japan \(Gunma University Hospital\)](#) - Schwannoma
[Japan, Chiba](#) - Malignant peripheral nerve sheath tumor of right thigh
[Puerto Rico \(University of Puerto Rico\)](#) - Plexiform schwannoma
[Qatar, Doha](#) - Plexiform neurilemmoma
[Spain \(Povisa\)](#) - Plexiform schwannoma
[The Netherlands, Amstelveen](#) - Neurofibromatosis ?

Case 5 - Diagnosis:

Plexiform schwannoma, thigh
T-Y9100, M-95600

Case 5 - References:

Fletcher CD, Davies SE: Benign Plexiform (Multinodular) Schwannoma: A Rare Tumour Unassociated With Neurofibromatosis. *Histopathology*, 1986 Sep; 10(9):971-80.
 Santos LD, Currie BG, Killingsworth MC: Case Report: Plexiform Schwannoma of the Vulva. *Pathology*, 2001 Nov; 33(4):526-31.
 Hirose T, Scheithauer BW, Sano T: Giant Plexiform Schwannoma: A Report of Two Cases With Soft Tissue and Visceral Involvement. *Mod Pathol*, 1997 Nov; 10(11):1075-81.
 Val-Bernal JF, Figols J, Vazquez-Barquero A: Cutaneous Plexiform Schwannoma Associated with Neurofibromatosis Type 2. *Cancer*, 1995 Oct 1; 76(7):1181-6.
 Megahed M: Plexiform Schwannoma. *Am J Dermatopathol*, 1994 Jun; 16(3):288-93. Review.

Case No. 6, Accession No. 29482

October, 2003

[Escondido](#) - Intramuscular myxoma
[Glendale \(Glendale Pathology Association\)](#) - Intramuscular myxoma
[Granada Hills](#) - Myxoid liposarcoma
[Loma Linda \(LLUMC Residents\)](#) - Intramuscular myxoma
[Orange \(UCI Medical Center Residents\)](#) - Intramuscular myxoma
[Sacramento \(UC Davis Medical Center\)](#) - Intramuscular myxoma
[Arizona \(Phoenix Memorial Hospital\)](#) - Intramuscular myxoma
[Colorado, Denver](#) - Chondrosarcoma
[Florida \(Winter Haven Hospital\)](#) - Intramuscular myxoma
[Florida, Ocala](#) - Myxoma
[Georgia, Decatur](#) - Intramuscular myxoma
[Illinois \(Heartland Regional Medical Center\)](#) - Myxoma
[Kansas \(Coffeyville Regional Medical Center\)](#) - Intramuscular myxoma
[Kansas \(University of Kansas Medical Center\)](#) - Intramuscular myxoma
[Kansas, Manhattan](#) - Intramuscular myxoma
[Kentucky \(University of Louisville Medical Center\)](#) - Intramuscular myxoma
[Louisiana \(Louisiana State University Health Science Center\)](#) - Intramuscular myxoma
[Louisiana, Metairie](#) - Intramuscular myxoma
[Maryland \(Johns Hopkins Medical Center\)](#) - Intramuscular myxoma
[Maryland \(National Cancer Institute\)](#) - Intramuscular myxoma
[Maryland \(National Naval Medical Center\)](#) - Intramuscular myxoma

[Michigan \(St. Joseph Mercy Hospital\)](#) - Myxoma
[Michigan, Grand Rapids](#) - Myxoid neurofibroma
[Mississippi \(University of Mississippi Medical Center\)](#) - Myxoma
[Missouri \(Ferguson Lab\)](#) - Intramuscular myxoma
[New Mexico \(University of New Mexico\)](#) - Myxoma
[New York \(Nassau University Medical Center\)](#) - Intramuscular myxoma
[New York \(New York Presbyterian Hospital\)](#) - Intramuscular myxoma
[New York \(Stony Brook University Hospital\)](#) - Intramuscular myxoma
[North Carolina, Fayetteville](#) - Intramuscular myxoma
[Oklahoma \(Oklahoma University Health Science Center\)](#) - Intramuscular myxoma
[Pennsylvania \(Allegheny General Hospital\)](#) - Intramuscular myxoma
[Pennsylvania \(Memorial Medical Center\)](#) - Intramuscular myxoma
[Pennsylvania \(UPMC/Shadyside\)](#) - Intramuscular myxoma
[Rhode Island \(Rhode Island Hospital Pathology Residents\)](#) - Intramuscular myxoma
[Texas \(Scott & White Hospital\)](#) - Intramuscular myxoma
[Texas, Lubbock](#) - Myxoma
[Texas, San Antonio](#) - Myxoma (IM)
[Washington, D.C.](#) - Myxoid liposarcoma
[Canada \(CUSI, Site Fleurimont\)](#) - Intramuscular myxoma
[Canada \(University of Calgary, Foothills Hospital\)](#) - Cellular myxoma
[China \(Sir Run Run Shaw Hospital\)](#) - Schwannoma with extensive myxoid change
[Italy, Naples](#) - Intramuscular myxoma
[Japan \(Hamamatsu University School of Medicine\)](#) - Intramuscular myxoma
[Japan \(Gunma University Hospital\)](#) - Intramuscular myxoma
[Japan, Chiba](#) - Intramuscular myxoma of left thigh
[Puerto Rico \(University of Puerto Rico\)](#) - Intramuscular myxoma
[Qatar, Doha](#) - Intramuscular myxoma
[Spain \(Povisa\)](#) - Intramuscular myxoma
[The Netherlands, Amstelveen](#) - Intramuscular myxoma

Case 6 - Diagnosis:

Intramuscular myxoma, thigh
T-Y9100, M-88400

Case 6 - References:

Silver WP, Harrelson JM, Scully SP: Intramuscular Myxoma: A Clinicopathologic Study of 17 Patients. *Clin Orthop*, 2002 Oct; 403:191-7.
 Murphey MD, McRae GA, Fanburg-Smith JC, et al: Imaging of Soft-Tissue Myxoma With Emphasis on CT and MR and Comparison of Radiologic and Pathologic Findings. *Radiology*, 2002 Oct; 225(1):215-24.
 Caraway NP, Staerckel GA, Fanning CV, et al: Diagnosing Intramuscular Myxoma by Fine-Needle Aspiration: A Multidisciplinary Approach. *Diagn Cytopathol*, 1994; 11(3):255-61.
 Gober GA: Nicholas RW: Case Report 800: Skeletal Fibrous Dysplasia Associated With Intramuscular Myxoma (Mazabraud's Syndrome). *Skeletal Radiol*, 1993 Aug; 22(6):452-5.

Case No. 7, Accession No. 29695

October, 2003

[Escondido](#) - Aggressive angiomyxoma
[Glendale \(Glendale Pathology Association\)](#) - Aggressive angiomyxoma
[Granada Hills](#) - Angiolipoma
[Loma Linda \(LLUMC Residents\)](#) - Angiomyxoma
[Orange \(UCI Medical Center Residents\)](#) - Aggressive angiomyxoma
[Sacramento \(UC Davis Medical Center\)](#) - Aggressive angiomyxoma
[Arizona \(Phoenix Memorial Hospital\)](#) - Aggressive angiomyxoma
[Colorado, Denver](#) - Liposarcoma
[Florida \(Winter Haven Hospital\)](#) - Aggressive angiomyxoma
[Florida, Ocala](#) - Aggressive angiomyxoma
[Georgia, Decatur](#) - Aggressive angiomyxoma
[Illinois \(Heartland Regional Medical Center\)](#) - Aggressive angiomyxoma
[Kansas \(Coffeyville Regional Medical Center\)](#) - Aggressive angiomyxoma
[Kansas \(University of Kansas Medical Center\)](#) - Aggressive angiomyxoma

Kansas, Manhattan - Aggressive angiomxoma
Kentucky (University of Louisville Medical Center) - Angiofibroma
Louisiana (Louisiana State University Health Science Center) - Aggressive angiomxoma
Louisiana, Metairie - Aggressive angiomxoma
Maryland (Johns Hopkins Medical Center) - Deep aggressive angiomxoma
Maryland (National Cancer Institute) - Aggressive angiomxoma
Maryland (National Naval Medical Center) - Aggressive angiomxoma
Michigan (St. Joseph Mercy Hospital) - Aggressive angiomxoma
Michigan, Grand Rapids - Myxofibrosarcoma, low grade
Mississippi (University of Mississippi Medical Center) - Aggressive angiomxoma
Missouri (Ferguson Lab) - Aggressive angiomxoma
New Mexico (University of New Mexico) - Aggressive angiomxoma
New York (Nassau University Medical Center) - Angiomxoma
New York (New York Presbyterian Hospital) - Aggressive angiomxoma
New York (Stony Brook University Hospital) - Aggressive angiomxoma
North Carolina, Fayetteville - Aggressive angiomxoma
Oklahoma (Oklahoma University Health Science Center) - Aggressive angiomxoma
Pennsylvania (Allegheny General Hospital) - Aggressive angiomxoma
Pennsylvania (Memorial Medical Center) - Angiomxoma
Pennsylvania (UPMC/Shadyside) - Aggressive angiomxoma
Rhode Island (Rhode Island Hospital Pathology Residents) - Deep aggressive angiomxoma
Texas (Scott & White Hospital) - Aggressive angiomxoma
Texas, Lubbock - Aggressive angiomxoma
Texas, San Antonio - Angiomyofibroblastoma versus angiomxoma
Washington, D.C. - Myxoma
Canada (CUSI, Site Fleurimont) - Deep "aggressive" angiomxoma
Canada (University of Calgary, Foothills Hospital) - Aggressive angiomxoma
China (Sir Run Run Shaw Hospital) - Aggressive angiomxoma
Italy, Naples - Aggressive angiomxoma
Japan (Hamamatsu University School of Medicine) - Low grade fibromyxoid sarcoma
Japan (Gunma University Hospital) - Aggressive angiomxoma
Japan, Chiba - Aggressive angiomxoma of pelvis
Puerto Rico (University of Puerto Rico) - Aggressive angiomxoma/inflammatory pseudotumor
Qatar, Doha - Angiomxoma
Spain (Povisa) - Aggressive angiomxoma
The Netherlands, Amstelveen - Aggressive angiomxoma

Case 7 - Diagnosis:

Aggressive angiomxoma, pelvis
T-Y6000, M-88940

Case 7 - References:

Liao O, Liu Z, Zhang Y, et al: Clinicopathologic Analysis of Aggressive Angiomxoma in the Pelvis and Vulva of 8 Cases. *Zhonghua Fu Chan Ke Za Zhi*, 2002 Jun; 37(6):359-62.
 Fine BA, Munoz AK, Litz CE, Gershenson DM: Primary Medical Management of Recurrent Aggressive Angiomxoma of the Vulva With a Gonadotropin-Releasing Hormone Agonist. *Gynecol Oncol*, 2001 Apr; 81(1):120-2.
 Fetsch JF, Laskin WB, Lefkowitz M, et al: Aggressive angiomxoma: A Clinicopathologic Study of 29 Female Patients. *Cancer*, 1996 Jul 1; 78(1):79-90.
 Sementa AR, Gambini C, Borgiani L, Comes P: Aggressive Angiomxoma of the Pelvis and Perineum: Report of a Case With Immunohistochemical and Electron Microscopic Study. *Pathologica*, 1989 Jul-Aug; 81(1074):463-9.
 Layfield LJ, Dodd LG: Fine-Needle Aspiration Cytology Findings in a Case of Aggressive Angiomxoma: A Case Report and Review of the Literature. *Diagn Cytopathol*, 1997 May; 16(5):425-9. Review.
 Granter SR, Nucci MR, Fletcher CD: Aggressive Angiomxoma: Reappraisal of its Relationship to angiomyofibroblastoma In a Series of 16 Cases. *Histopathology*, 1997 Jan; 30(1):3-10.

Case No. 8, Accession No. 29779

October, 2003

Escondido - Extra-abdominal fibromatosis
Glendale (Glendale Pathology Association) - Low-grade fibromyxoid sarcoma
Granada Hills - Myxoid synovial sarcoma versus myxoid fibrosarcoma

Loma Linda (LLUMC Residents) - Myxoid peripheral nerve sheath tumor, favor myxoid schwannoma
Orange (UCI Medical Center Residents) - Low grade fibromyxoid sarcoma
Sacramento (UC Davis Medical Center) - Myxoid MFH/low grade fibromyxoid sarcoma
Arizona (Phoenix Memorial Hospital) - Schwannoma (neurilemmoma)
Colorado, Denver - Neurofibroma
Florida (Winter Haven Hospital) - Fibromatosis
Florida, Ocala - Desmoid
Georgia, Decatur - Low grade fibromyxoid sarcoma
Illinois (Heartland Regional Medical Center) - Low grade fibromyxoid sarcoma
Kansas (Coffeyville Regional Medical Center) - Intramuscular solitary fibrous tumor
Kansas (University of Kansas Medical Center) - Fibroma (intramuscular?)
Kansas, Manhattan - Low-grade fibromyxoid sarcoma
Kentucky (University of Louisville Medical Center) - Myofibroma
Louisiana (Louisiana State University Health Science Center) - Myxoid neurofibroma versus perineurioma
Louisiana, Metairie - Low-grade fibromyxoid sarcoma
Maryland (Johns Hopkins Medical Center) - Perineurioma
Maryland (National Cancer Institute) - Cellular myxoma
Maryland (National Naval Medical Center) - Low grade fibromyxosarcoma (6), myxofibrosarcoma (2)
Michigan (St. Joseph Mercy Hospital) - Fibromyxoid sarcoma
Michigan, Grand Rapids - Solitary fibrous tumor
Mississippi (University of Mississippi Medical Center) - Neurofibroma
Missouri (Ferguson Lab) - Low-grade myxoid fibrosarcoma
New Mexico (University of New Mexico) - Low grade fibromyxoid sarcoma
New York (Nassau University Medical Center) - Benign peripheral nerve sheath tumor
New York (New York Presbyterian Hospital) - Low grade fibromyxoid sarcoma
New York (Stony Brook University Hospital) - Low grade fibromyxoid sarcoma
North Carolina, Fayetteville - Low grade fibromyxoid sarcoma
Oklahoma (Oklahoma University Health Science Center) - Low grade fibromyxoid sarcoma
Pennsylvania (Allegheny General Hospital) - Low grade fibromyxosarcoma
Pennsylvania (Memorial Medical Center) - Schwannoma/neurofibroma
Pennsylvania (UPMC/Shadyside) - Low-grade fibromyxoid sarcoma
Rhode Island (Rhode Island Hospital Pathology Residents) - Low grade fibromyxoid sarcoma
Texas (Scott & White Hospital) - Nodular fasciitis
Texas, Lubbock - Neurilemmoma
Texas, San Antonio - Low grade fibromyxoid sarcoma
Washington, D.C. - Fibroma, tendon sheath
Canada (CUSI, Site Fleurimont) - Leiomyoma
Canada (University of Calgary, Foothills Hospital) - Low grade fibromyxoid sarcoma
China (Sir Run Run Shaw Hospital) - Soft tissue perineurioma
Italy, Naples - Low grade myxoid MFH (malignant fibrous histiocytoma)
Japan (Hamamatsu University School of Medicine) - Hyalinizing spindle cell tumor with giant rosette
Japan (Gunma University Hospital) - Low grade fibromyxoid sarcoma
Japan, Chiba - Malignant fibrous histiocytoma, myxoid type
Puerto Rico (University of Puerto Rico) - Nodular fasciitis/schwannoma
Qatar, Doha - Low grade fibromyxoid sarcoma
Spain (Povisa) - Extra-abdominal fibromatosis (versus neural tumor)

Case 8 - Diagnosis:

Low grade fibromyxoid sarcoma, arm
T-Y8000, M-88113

Case 8 - References:

Zamecnik M, Michal M: Low-Grade Fibromyxoid Sarcoma: A Report of Eight Cases With Histologic, Immunohistochemical, and Ultrastructural Study. *Ann Diagn Pathol*, 2000 Aug; 4(4):207-17.
 Lindberg GM, Maitra A, Gokaslan ST, et al: Low Grade Fibromyxoid Sarcoma: Fine-Needle Aspiration Cytology With Histologic, Cytogenetic, Immunohistochemical, and Ultrastructural Correlation. *Cancer*, 1999 Apr 25; 87(2):75-82.
 Evans HL: Low-Grade Fibromyxoid Sarcoma: A Report of 12 Cases. *Am J Surg Pathol*, 1993 Jun; 17(6):595-600.
 Hollowood K, Fletcher CD: Soft Tissue Sarcomas That Mimic Benign Lesions. *Semin Diagn Pathol*, 1995 Feb; 12(1):87-97. Review.
 Lane KL, Shannon RJ, Weiss SW: Hyalinizing Spindle Cell Tumor With Giant Rosettes: A Distinctive Tumor Closely Resembling Low-Grade Fibromyxoid Sarcoma. *Am J Surg Pathol*, 1997 Dec; 21(12):1481-8.

Escondido - Osteosarcoma
Glendale (Glendale Pathology Association) - Malignant giant cell tumor of soft parts
Granada Hills - Malignant giant cell tumor
Loma Linda (LLUMC Residents) - Tenosynovial giant cell tumor
Orange (UCI Medical Center Residents) - Fibrosarcoma arising from giant cell tumor of bone
Sacramento (UC Davis Medical Center) - Pigmented villonodular synovitis
Arizona (Phoenix Memorial Hospital) - Malignant giant cell tumor of tendon sheath
Colorado, Denver - Pigmented villonodular synovitis
Florida (Winter Haven Hospital) - Malignant fibrous histiocytoma
Florida, Ocala - Telangiectatic osteosarcoma
Georgia, Decatur - Malignant fibrous histiocytoma
Illinois (Heartland Regional Medical Center) - Malignant fibrous histiocytoma
Kansas (Coffeyville Regional Medical Center) - Diffuse tenosynovial giant cell tumor
Kansas (University of Kansas Medical Center) - Giant cell tumor of tendon sheath
Kansas, Manhattan - Malignant fibrous histiocytoma, giant cell type
Kentucky (University of Louisville Medical Center) - Malignant giant cell tumor
Louisiana (Louisiana State University Health Science Center) - Low grade malignant fibrous histiocytoma with secondary aneurysmal cyst formation
Louisiana, Metairie - Diffuse giant cell tumor
Maryland (Johns Hopkins Medical Center) - High grade sarcoma, favor angiosarcoma
Maryland (National Cancer Institute) - Giant cell tumor of tendon sheath
Maryland (National Naval Medical Center) - Malignant fibrous histiocytoma, inflammatory/pleomorphic
Michigan (St. Joseph Mercy Hospital) - Giant cell MFH of soft parts
Michigan, Grand Rapids - Giant cell tumor
Mississippi (University of Mississippi Medical Center) - Malignant fibrous histiocytoma (MFH) versus dedifferentiated (malignant) giant cell tumor
Missouri (Ferguson Lab) - Malignant spindle and giant cell tumor, rule out epithelioid sarcoma, MFH, melanoma
New Mexico (University of New Mexico) - Diffuse tenosynovial giant cell tumor
New York (Nassau University Medical Center) - MFH (malignant fibrous histiocytoma), giant cell type
New York (New York Presbyterian Hospital) - Benign fibrous histiocytoma
New York (Stony Brook University Hospital) - Giant cell MFH (malignant fibrous histiocytoma)
North Carolina, Fayetteville - Malignant fibrous histiocytoma
Oklahoma (Oklahoma University Health Science Center) - Malignant diffuse-type giant cell tumor
Pennsylvania (Allegheny General Hospital) - MFH (malignant fibrous histiocytoma), giant cell type
Pennsylvania (Memorial Medical Center) - Osteosarcoma/giant cell tumor
Pennsylvania (UPMC/Shadyside) - Pigmented villonodular synovitis
Rhode Island (Rhode Island Hospital Pathology Residents) - MFH (malignant fibrous histiocytoma), giant cell type
Texas (Scott & White Hospital) - High grade pleomorphic sarcoma, favor angiosarcoma
Texas, Lubbock - Nodular fasciitis
Texas, San Antonio - Malignant diffuse giant cell tumor of tendon sheath
Washington, D.C. - Malignant fibrous histiocytoma, giant cell
Canada (CUSI, Site Fleurimont) - Malignancy in giant cell tumor of soft tissue
Canada (University of Calgary, Foothills Hospital) - Pigmented villonodular tenosynovitis
China (Sir Run Run Shaw Hospital) - Malignant fibrous histiocytoma
Italy, Naples - Diffuse tenosynovial giant cell tumor
Japan (Hamamatsu University School of Medicine) - Soft tissue giant cell tumor of low malignant potential
Japan (Gunma University Hospital) - Malignant fibrous histiocytoma, giant cell type
Japan, Chiba - Malignant fibrous histiocytoma of fibular area
Puerto Rico (University of Puerto Rico) - Giant cell malignant fibrous histiocytoma
Qatar, Doha - Sarcoma arising in a villonodular tenosynovitis
Spain (Povisa) - Malignant fibrous histiocytoma, giant cell type
The Netherlands, Amstelveen - Giant cell tumor of tendon sheath?

Case 9 - Diagnosis:**Diffuse tenosynovial giant cell tumor, leg****T-Y9400, M-92511**

Case 9 - References:

- Ferrer J, Namiq A, Carda C, et al: Diffuse Type of Giant-Cell Tumor of Tendon Sheath: An Ultrastructural Study of Two Cases With Cytogenetic Support. *Ultrastruct Pathol*, 2002 Jan-Feb; 26(1):15-21.
- Martin RC 2nd, Osborne DL, Edwards MJ, et al: Giant Cell Tumor of Tendon Sheath, Tenosynovial Giant Cell Tumor, and Pigmented Villonodular Synovitis: Defining the Presentation, Surgical Therapy and Recurrence. *Oncol Rep*, 2000 Mar-Apr; 7(2):413-9. Review.
- Grover R, Grobbelaar AO, Richman PI, Smith PJ: Measurement of Invasive Potential Provides An Accurate Prognostic Marker For Giant Cell Tumour of Tendon Sheath. *J Hand Surg*, 1998 Dec; 23(6):728-31.
- Somerhausen NS, Fletcher CD: Diffuse-Type Giant Cell Tumor: Clinicopathologic and Immunohistochemical Analysis of 50 Cases With Extra-Articular Disease. *Am J Surg Pathol*, 2000 Apr; 24(4):479-92.

Case No. 10, Accession No. 29249

October, 2003

Escondido - Malignant fibrous histiocytoma
Glendale (Glendale Pathology Association) - Malignant fibrous histiocytoma versus dedifferentiated liposarcoma
Granada Hills - Pleomorphic malignant fibrohistiocytoma
Loma Linda (LLUMC Residents) - Pleomorphic sarcoma, favor MFH (malignant fibrous histiocytoma)
Orange (UCI Medical Center Residents) - Malignant fibrous histiocytoma
Sacramento (UC Davis Medical Center) - MFH (malignant fibrous histiocytoma)
Arizona (Phoenix Memorial Hospital) - Pleomorphic leiomyosarcoma
Colorado, Denver - Malignant fibrous histiocytoma
Florida (Winter Haven Hospital) - Malignant fibrous histiocytoma
Florida, Ocala - Sarcoma, MFH (malignant fibrous histiocytoma) versus MPNST (malignant peripheral nerve sheath tumor)
Georgia, Decatur - Atypical fibroxanthoma
Illinois (Heartland Regional Medical Center) - Malignant fibrous histiocytoma
Kansas (Coffeyville Regional Medical Center) - Malignant fibrous histiocytoma
Kansas (University of Kansas Medical Center) - High grade sarcoma, favor leiomyosarcoma vs. fibrosarcoma
Kansas, Manhattan - Malignant fibrous histiocytoma, storiform/pleomorphic type
Kentucky (University of Louisville Medical Center) - Pleomorphic MFH (malignant fibrous histiocytoma)
Louisiana (Louisiana State University Health Science Center) - Pleomorphic malignant fibrous histiocytoma
Louisiana, Metairie - Malignant fibrous histiocytoma
Maryland (Johns Hopkins Medical Center) - High grade sarcoma, favor dedifferentiated liposarcoma
Maryland (National Cancer Institute) - Malignant fibrous histiocytoma
Maryland (National Naval Medical Center) - Malignant fibrous histiocytoma, superficial
Michigan (St. Joseph Mercy Hospital) - Malignant fibrous histiocytoma
Michigan, Grand Rapids - Malignant fibrous histiocytoma
Mississippi (University of Mississippi Medical Center) - Malignant fibrous histiocytoma (MFH), pleomorphic type
Missouri (Ferguson Lab) - Malignant fibrous histiocytoma
New Mexico (University of New Mexico) - Dedifferentiated liposarcoma
New York (Nassau University Medical Center) - Pleomorphic MFH (malignant fibrous histiocytoma)
New York (New York Presbyterian Hospital) - Pleomorphic sarcoma, NOS
New York (Stony Brook University Hospital) - Pleomorphic MFH (malignant fibrous histiocytoma)
North Carolina, Fayetteville - Malignant fibrous histiocytoma
Oklahoma (Oklahoma University Health Science Center) - High grade sarcoma, favor malignant peripheral nerve sheath tumor
Pennsylvania (Allegheny General Hospital) - MFH (malignant fibrous histiocytoma)
Pennsylvania (Memorial Medical Center) - Malignant fibrous histiocytoma/fibrosarcoma
Pennsylvania (UPMC/Shadyside) - Dedifferentiated liposarcoma
Rhode Island (Rhode Island Hospital Pathology Residents) - High grade sarcoma, NOS
Texas (Scott & White Hospital) - MFH (malignant fibrous histiocytoma)
Texas, Lubbock - Malignant fibrous histiocytoma
Texas, San Antonio - Myxofibrosarcoma
Washington, D.C. - Atypical fibroxanthoma
Canada (CUSI, Site Fleurimont) - Pleomorphic M.F.H. (malignant fibrous histiocytoma)
Canada (University of Calgary, Foothills Hospital) - MFH (malignant fibrous histiocytoma), sarcoma arising in DFSP (dermatofibrosarcoma protuberans)
China (Sir Run Run Shaw Hospital) - Inflammatory malignant fibrous histiocytoma (pleomorphic sarcoma)
Italy, Naples - Pleomorphic-storiform malignant fibrous histiocytoma
Japan (Hamamatsu University School of Medicine) - MFH (malignant fibrous histiocytoma), giant cell type
Japan (Gunma University Hospital) - Malignant fibrous histiocytoma
Japan, Chiba - Malignant fibrous histiocytoma, pleomorphic variant, of left forearm

Puerto Rico (University of Puerto Rico) - Fibrosarcoma/malignant fibrous histiocyoma
Qatar, Doha - Malignant fibrous histiocyoma (5); Pleomorphic sarcoma (3)
Spain (Povisa) - Malignant fibrous histiocyoma, storiform-pleomorphic type
The Netherlands, Amstelveen - Sarcoma, NOS

Case 10 - Diagnosis:

**Pleomorphic high grade sarcoma (storiform-pleomorphic MFH), forearm
T-Y8500, M-88023**

Case 10 - References:

Fletcher CD, Gustafson P, Rydholm A, et al: Clinicopathologic Re-Evaluation of 100 Malignant Fibrous Histiocytomas: Prognostic Relevance of Subclassification. *J Clin Oncol*, 2001 Jun 15; 19(12):3045-50.
Hill DA, O'Sullivan MJ, Zhu X, et al: Practical Application of Molecular Genetic Testing As An Aid to the Surgical Pathologic Diagnosis of Sarcomas: A Prospective Study. *Am J Surg Pathol*, 2002 Aug; 26(8):965-77.
Fichera G: Pleomorphic Storiform Malignant Fibrohistiocyoma of the Larynx: Case Report and Anatomico-Clinical Considerations. *Pathologica*, 1995 Apr; 87(2):188-94.
Larramendy ML, Tarkkanen M, Blomqvist C, et al: Comparative Genomic Hybridization of Malignant Fibrous Histiocyoma Reveals a Novel Prognostic Marker. *Am J Pathol*, 1997 Oct; 151(4):1153-61.