



CALIFORNIA
TUMOR TISSUE REGISTRY

SOFT TISSUE PATHOLOGY

Minutes – Subscription A

January 2014



SUGGESTED READING (General Topics from Recent Literature):

- Lee S, Nelson G, et al. Precursor lesions and prognostic factors in primary peritoneal serous carcinoma. *Int J Gynecol Pathol* 2013; 32:547-555.
- Guan H, Vandenbussche CJ, et al. Can the tall cell variant of papillary thyroid carcinoma be distinguished from the conventional type in fine needle aspirates? A cytomorphologic study with assessment of diagnostic accuracy. *Acta Cytol* 2013; 57:534-542.
- Sailer V, Stephan C, et al. Comparison of p40 (Δ Np63) and p63 expression in prostate tissues – which one is the superior diagnostic marker for basal cells? *Histopathol* 2013; 63:50-56.
- Folins AK, Chisholm KM, et al. Diagnosis of congenital CMV using PCR performed on formalin-fixed, paraffin-embedded placental tissue. *Am J Surg Pathol* 2013; 30:epub ahead of print.

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FILE DIAGNOSES

CTTR Subscription A

January 2014

Case 1:

Extra-abdominal fibromatosis (desmoid tumor), neck

Case 2:

Nasopharyngeal angiofibroma, base of skull

Case 3:

Aggressive angiomyxoma, pelvic mass/retroperitoneum

Case 4:

Epithelioid angiosarcoma, forearm

Case 5:

Pigmented villonodular synovitis (diffuse tenosynovial giant cell tumor), knee

Case 6:

Schwannoma, forearm

Case 7:

Myxoid liposarcoma, anterior mediastinum

Case 8:

Extraskkeletal myxoid chondrosarcoma, buttock

Case 9:

Pleomorphic fibrosarcoma (“MFH”), knee

Case 10:

Pleomorphic sarcoma (nos), knee

Alameda (Alameda County Medical Center) - Myofibroma
Bishop (Northern Inyo Hospital) - Fibromatosis
Fontana (Kaiser Permanente) - Fibromatosis
Hayward/Fremont (St. Rose Hospital) - Fibromatosis coli
Long Beach (Long Beach VA Hospital) - Fibromatosis (2)
Orange (UCI Medical Center) - Fibromatosis
San Diego (Naval Medical Center) - Extra-abdominal fibromatosis
Santa Barbara (Miramonte Laboratory) - Fibroma
Woodland Hills (Kaiser Permanente) - Fibromatosis
Arkansas (Associated Pathologists Laboratory) - Nodular fasciitis
Delaware, Newark - Fibromatosis
Florida (Florida Atlantic University) - Fibromatosis
Florida (Gastro Enterology Associated of Ocala) - Ganglioneuroma
Florida (Munson Regional Medical Center) - Proliferative fasciitis
Georgia, Atlanta - Fibromatosis coli
Georgia (Wellstar Healthcare System) - Nodular fasciitis vs. fibromatosis (2)
Illinois (Heartland Regional Medical Center) - Extra-abdominal fibromatosis
Illinois (Northwestern University) - Nodular fasciitis vs. fibromatosis
Illinois, Oak Brook - Nodular fasciitis
Kansas (Peterson Laboratory Services, P.A.) - Nodular fasciitis
Maryland (University of Maryland) - Desmoid type fibromatosis
Maryland (Walter Reed National Military Medical Center) - Nodular fasciitis
Massachusetts (University of Massachusetts) - Extra-abdominal fibromatosis (desmoid tumor)
Michigan (Henry Ford Hospital) - Fibromatosis
Michigan (William Beaumont Hospital) - Fibromatosis (desmoid tumor)
Missouri (Missouri Delta Medical Center) - Fibromatosis
Minnesota (Fairview Ridges Hospital) - Fibromatosis
Nebraska (Creighton University Medical Center) - Fibromatosis
North Carolina (Eastern Carolina Pathology Associates) - Fibromatosis coli
Ohio (Cleveland Clinic) - Desmoid
Ohio (Summa Health System) - Fibromatosis of neck
Ohio (University of Toledo Medical Center) - Fibromatosis
Pennsylvania (Drexel University College of Medicine) - Fibromatosis
Pennsylvania (Lehigh Valley Hospital) - Fibromatosis
Puerto Rico (University of Puerto Rico) - Desmoid-type fibromatosis/nodular fasciitis
South Carolina (Medical University of South Carolina) - Fibromatosis
South Dakota (Sanford Health/USD) - Fibromatosis
Texas, Crystal Beach - Synovial sarcoma, biphasic
Texas (Anderson Cancer Center) - Desmoid fibromatosis
Texas, Lubbock - Desmoid tumor
Washington (Seattle VAMC) - Fibroproliferative process; low grade fibromatosis
Wisconsin, Madison - Fibromatosis
Wisconsin (Medical Assessment and Consultation, S.C.) - Extra-abdominal fibromatosis
Wisconsin (Medical College of Wisconsin) - Fibromatosis
Wisconsin (Meriter Hospital) - Fibromatosis
Australia (Royal Hobart Hospital) - Extra-abdominal fibromatosis
Australia (Royal Prince Alfred Hospital) - Extra-abdominal desmoids fibromatosis
Brazil (CIDAP) - Fibromatosis
Canada (Pasqua Hospital) - Fibromatosis
Ireland (Bon Secours Hospital) - Nodular fasciitis
Ireland (Kerry General Hospital) - Desmoid-type fibromatosis
Ireland (Mayo General Hospital) - Fibromatosis
Japan (Asahi General Hospital) - Desmoid tumor (1); Extra-abdominal fibromatosis (1)
Japan, Setagaya-Ku - Fibromatosis

Oman (Khoula Hospital) - Fibromatosis
Singapore, KTPH - Fibromatosis (1); Nodular fasciitis (1)
Spain (Hospital Xeral) - Fibromatosis
United Kingdom (John Radcliffe Hospital) - Fetal (juvenile/cellular) rhabdomyoma

Case 1 - Diagnosis:

Extra-abdominal fibromatosis (desmoid tumor), neck

Case 1 - References:

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

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

Mankin HJ; Hornicek FJ; Springfield DS.

Mesenteric fibromatosis mimicking a gastrointestinal stromal tumor.

Conn Med 2010; Apr;74(4): p197-200.

McCormack D; Kesha K, et al.

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

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

Huang PW; Tzen CY.

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

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

Ferenc T; Sygut J, et al.

Desmoid-type fibromatosis involving the brachial plexus.

Neurosurg Focus 2007;22(6): pE22.

Seinfeld J; Kleinschmidt-De Masters BK, et al..

Nuchal extra-abdominal aggressive fibromatosis of desmoid type in a 77-year-old female.

Neurol India 2007; Oct-Dec;55(4): p419-20.

Ewald C; Kuhn SA; Brodhun M; Kalff R.

Margins in extra-abdominal desmoid tumors: a comparative analysis.

J Surg Oncol 2004 Jun 1;86(3): p152-6.

Leithner A; Gapp M, et al.

Mesenteric fibromatosis with involvement of the gastrointestinal tract. A GIST simulator: a study of 25 cases.

Am J Clin Pathol 2004; Jan;121(1): p93-8.

Rodriguez JA; Guarda LA; Rosai J.

Case No. 2, Accession No. 31664

January 2014

Alameda (Alameda County Medical Center) - Inflammatory myofibroblastic tumor

Bishop (Northern Inyo Hospital) - Sclerosing angiomatous tumor

Fontana (Kaiser Permanente) - Angiofibroma

Hayward/Fremont (St. Rose Hospital) - Angiofibroma, juvenile nasopharyngeal type

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

Orange (UCI Medical Center) - Angiofibroma

San Diego (Naval Medical Center) - Nasopharyngeal angiofibroma

Santa Barbara (Miramonte Laboratory) - Angiofibroma

Woodland Hills (Kaiser Permanente) - Nasopharyngeal angiofibroma

Arkansas (Associated Pathologists Laboratory) - Angiofibroma

Delaware, Newark - Nasopharyngeal angiofibroma

Florida (Florida Atlantic University) - Nasal angiofibroma
Florida (Gastro Enterology Associated of Ocala) - Angiofibroma
Florida (Munson Regional Medical Center) - Rathke's cleft cyst
Georgia, Atlanta - Angiofibroma
Georgia (Wellstar Healthcare System) - Angiofibroma (2)
Illinois (Heartland Regional Medical Center) - Nasopharyngeal angiofibroma
Illinois (Northwestern University) - Angiofibroma (nasopharyngeal)
Illinois, Oak Brook - Pericystic fibrosis
Kansas (Peterson Laboratory Services, P.A.) - Angiofibroma
Maryland (University of Maryland) - Juvenile angiofibroma
Maryland (Walter Reed National Military Medical Center) - Angiofibroma
Massachusetts (University of Massachusetts) - Nasopharyngeal angiofibroma
Michigan (Henry Ford Hospital) - Angiofibroma
Michigan (William Beaumont Hospital) - Nasopharyngeal angiofibroma
Missouri (Missouri Delta Medical Center) - Benign lesion to cutaneous ciliated cyst
Minnesota (Fairview Ridges Hospital) - Angiofibroma
Nebraska (Creighton University Medical Center) - Hemangiopericytoma, simoid type
North Carolina (Eastern Carolina Pathology Associates) - Nasopharyngeal angiofibroma
Ohio (Cleveland Clinic) - Nasal pharyngeal angiofibroma
Ohio (Summa Health System) - Nasopharyngeal angiofibroma
Ohio (University of Toledo Medical Center) - Nasopharyngeal, angiofibroma
Pennsylvania (Drexel University College of Medicine) - Angiofibroma
Pennsylvania (Lehigh Valley Hospital) - Nasopharyngeal angiofibroma
Puerto Rico (University of Puerto Rico) - Nasopharyngeal angiofibroma
South Carolina (Medical University of South Carolina) - Angiofibroma
South Dakota (Sanford Health/USD) - Angiofibroma
Texas, Crystal Beach - Angiofibroma respiratory sinus
Texas (Anderson Cancer Center) - Juvenile angiofibroma
Texas, Lubbock - Angiofibroma
Washington (Seattle VAMC) - Angiofibroproliferation process; reactive/developments
Wisconsin, Madison - Angiofibroma
Wisconsin (Medical Assessment and Consultation, S.C.) - Benign cystic teratoma
Wisconsin (Medical College of Wisconsin) - Angiofibroma
Wisconsin (Meriter Hospital) - Angiofibroma
Australia (Royal Hobart Hospital) - Nasopharyngeal angiofibroma
Australia (Royal Prince Alfred Hospital) - Juvenile nasopharyngeal angiofibroma
Brazil (CIDAP) - Angiofibroma
Canada (Pasqua Hospital) - Nasopharyngeal angiofibroma
Ireland (Bon Secours Hospital) - Nasopharyngeal angiofibroma
Ireland (Kerry General Hospital) - Nasopharyngeal angiofibroma
Ireland (Mayo General Hospital) - Angiofibroma
Japan (Asahi General Hospital) - Desmoid tumor (1); Solitary fibrous tumor (1)
Japan, Setagaya-Ku - Thyroid duct cyst
Oman (Khoula Hospital) - Angiofibroma
Singapore, KTPH - Angiofibroma
Spain (Hospital Xeral) - Nasopharyngeal angiofibroma
United Kingdom (John Radcliffe Hospital) - Angiofibroma

Case 2 - Diagnosis:

Nasopharyngeal angiofibroma, base of skull

Case 2 - References:

Nasopharyngeal angiofibroma of the nasal cavity.

Head Neck Pathol 2010; Sep;4(3): p210-3.

Stokes SM; Castle JT.

Juvenile angiofibromas: changing surgical concept over the last 20 years.

Laryngoscope 2004; Feb;114(2): p291-3.
Mann WJ; Jecker P; Amedee RG.

Juvenile nasopharyngeal angiofibroma.
Otolaryngol Clin North Am 2011; Aug;44(4): p989-1004, ix.
Blount A; Riley KO; Woodworth BA.

Genetic evidence that juvenile nasopharyngeal angiofibroma is an integral FAP tumour.
Gut 2005; Jul;54(7): p1046-7.
Valanzano R; Curia MC, et al.

Juvenile nasopharyngeal angiofibromas: A study of recurrence pattern and role of pre-Operative embolization - 'a decade'S experience'.
Indian J Otolaryngol Head Neck Surg 2002; Oct;54(4): p274-9.
Shenoy AM; Grover N, et al..

Atypical angiofibromas: a report of four cases.
Int J Pediatr Otorhinolaryngol 2005; Mar;69(3): p415-21.
Celik B; Erisen L, et al..

Nasopharyngeal angiofibroma in an elderly woman.
Am J Otolaryngol 2005; May-Jun;26(3): p198-200.
Patrocinio JA; Patrocinio LG, et al.

Endoscopic skull base techniques for juvenile nasopharyngeal angiofibroma.
Otolaryngol Clin North Am 2012; Jun;45(3): p711-30, ix.
Zanation AM; Mitchell CA; Rose AS.

Case No. 3, Accession No. 31526

January 2014

Alameda (Alameda County Medical Center) - Aggressive angiomyxoma (deep angiomyxoma)
Bishop (Northern Inyo Hospital) - Angiomyxoid tumor
Fontana (Kaiser Permanente) - Aggressive angiomyxoma
Hayward/Fremont (St. Rose Hospital) - Aggressive angiomyxoma
Long Beach (Long Beach VA Hospital) - Aggressive angiomyxoma (2)
Orange (UCI Medical Center) - Aggressive angiomyxoma
San Diego (Naval Medical Center) - Aggressive angiomyxoma
Santa Barbara (Miramonte Laboratory) - Myxoma
Woodland Hills (Kaiser Permanente) - Aggressive angiomyxoma
Arkansas (Associated Pathologists Laboratory) - Aggressive angiomyxoma
Delaware, Newark - Aggressive angiomyxoma
Florida (Florida Atlantic University) - Aggressive angiomyxoma
Florida (Gastro Enterology Associated of Ocala) - Retroperitoneal fibrosis
Florida (Munson Regional Medical Center) - Neurofibroma
Georgia, Atlanta - Aggressive angiomyxoma
Georgia (Wellstar Healthcare System) - Angiomyofibroblastoma vs. aggressive angiomyxoma (2)
Illinois (Heartland Regional Medical Center) - Aggressive angiomyxoma
Illinois (Northwestern University) - Aggressive angiomyxoma
Illinois, Oak Brook - Aggressive angiomyxoma
Kansas (Peterson Laboratory Services, P.A.) - Aggressive angiomyxoma
Maryland (University of Maryland) - Deep aggressive angiomyxoma
Maryland (Walter Reed National Military Medical Center) - Aggressive angiomyxoma
Massachusetts (University of Massachusetts) - Aggressive angiomyxoma
Michigan (Henry Ford Hospital) - Low grade fibromyxoid sarcoma
Michigan (William Beaumont Hospital) - Aggressive angiomyxoma

Missouri (Missouri Delta Medical Center) - Angiomyxoma
Minnesota (Fairview Ridges Hospital) - Aggressive angiomyxoma
Nebraska (Creighton University Medical Center) - Angiomyxoma
North Carolina (Eastern Carolina Pathology Associates) - Low grade fibromyxoid sarcoma
Ohio (Cleveland Clinic) - Aggressive angiomyxoma
Ohio (Summa Health System) - Aggressive angiomyxoma
Ohio (University of Toledo Medical Center) - Aggressive angiomyxoma
Pennsylvania (Drexel University College of Medicine) - Angiomyxoma
Pennsylvania (Lehigh Valley Hospital) - Deep aggressive angiomyxoma
Puerto Rico (University of Puerto Rico) - Aggressive angiomyxoma
South Carolina (Medical University of South Carolina) - Hemangiopericytoma
South Dakota (Sanford Health/USD) - Aggressive angiomyxoma
Texas, Crystal Beach - Neurofibroma
Texas (Anderson Cancer Center) - Aggressive angiomyxoma
Texas, Lubbock - Low grade fibromyxoid sarcoma
Washington (Seattle VAMC) - Angiofibromyxoproliferative process; aggressive angiomyxoma
Wisconsin, Madison - Aggressive angiomyxoma
Wisconsin (Medical Assessment and Consultation, S.C.) - Angiomyxoma
Wisconsin (Medical College of Wisconsin) - Aggressive angiomyxoma
Wisconsin (Meriter Hospital) - Aggressive angiomyxoma
Australia (Royal Hobart Hospital) - Aggressive angiomyxoma
Australia (Royal Prince Alfred Hospital) - Aggressive angiomyxoma
Brazil (CIDAP) - Aggressive angiomyxoma
Canada (Pasqua Hospital) - Aggressive angiomyxoma
Ireland (Bon Secours Hospital) - Aggressive angiomyxoma
Ireland (Kerry General Hospital) - Angiofibroma
Ireland (Mayo General Hospital) - Neurofibroma with plexiform features
Japan (Asahi General Hospital) - Angiomyoma (1); Low grade fibromyxoid sarcoma (1)
Japan, Setagaya-Ku - Hemangioma
Oman (Khoula Hospital) - Aggressive angiomyxoma
Singapore, KTPH - Angiomyxoma
Spain (Hospital Xeral) - Cellular angiofibroma vs. aggressive angiomyxoma
United Kingdom (John Radcliffe Hospital) - Aggressive angiomyxoma

Case 3 - Diagnosis:

Aggressive angiomyxoma, pelvic mass/retroperitoneum

Case 3 - References:

Aggressive angiomyxoma.

Arch Pathol Lab Med 2012; Feb;136(2): p217-21.

Sutton BJ; Laudadio J.

Aggressive angiomyxoma presenting as urinary retention in a male: a case report and literature review.

Can J Urol 2011 Oct;18(5): p5908-10.

Korreck GS; Kesler MV; Strup SE.

Aggressive angiomyxoma: a case series and literature review.

Eur J Surg Oncol 2010; Apr;36(4): p335-9.

Haldar K; Martinek IE; Kehoe S.

Aggressive angiomyxoma with t(12; 21) and HMGA2 rearrangement: report of a case and review of the literature.

Cancer Genet Cytogenet 2008; Mar;181(2): p119-24.

Rawlinson NJ; West WW, et al..

Aggressive angiomyxoma with t(12; 21) and HMGA2 rearrangement: report of a case and review of the literature.

Cancer Genet Cytogenet 2008; Mar;181(2): p119-24.

Rawlinson NJ; West WW, et al..

Vascular tumors: rare neoplasms of the female genital tract.
Eur J Gynaecol Oncol 2009;;30(2): p220-2.
Liapis A; Bakalianou K, et al.

Case No. 4, Accession No. 25070

January 2014

Alameda (Alameda County Medical Center) - Angiosarcoma
Bishop (Northern Inyo Hospital) - Epithelial angiosarcoma
Fontana (Kaiser Permanente) - Angiosarcoma
Hayward/Fremont (St. Rose Hospital) - Angiosarcoma of dialysis fistula type
Long Beach (Long Beach VA Hospital) - Epithelioid angiosarcoma (1); Epithelial liposarcoma (1)
Orange (UCI Medical Center) - Epithelioid angiosarcoma
San Diego (Naval Medical Center) - Epithelioid angiosarcoma
Santa Barbara (Miramonte Laboratory) - Angiosarcoma
Woodland Hills (Kaiser Permanente) - Epithelioid sarcoma
Arkansas (Associated Pathologists Laboratory) - Angiosarcoma
Delaware, Newark - Epithelioid angiosarcoma
Florida (Florida Atlantic University) - Epithelioid angiosarcoma
Florida (Gastro Enterology Associated of Ocala) - Angiosarcoma
Florida (Munson Regional Medical Center) - Melanoma
Georgia, Atlanta - Epithelioid angiosarcoma
Georgia (Wellstar Healthcare System) - Epithelioid angiosarcoma (2)
Illinois (Heartland Regional Medical Center) - Epithelioid angiosarcoma
Illinois (Northwestern University) - Epithelioid angiosarcoma
Illinois, Oak Brook - Angiosarcoma
Kansas (Peterson Laboratory Services, P.A.) - Epithelioid angiosarcoma
Maryland (University of Maryland) - Angiosarcoma
Maryland (Walter Reed National Military Medical Center) - Angiosarcoma
Massachusetts (University of Massachusetts) - Angiosarcoma
Michigan (Henry Ford Hospital) - Hemangioendothelioma
Michigan (William Beaumont Hospital) - Epithelioid angiosarcoma
Missouri (Missouri Delta Medical Center) - Angiosarcoma consistent with epithelioid features
Minnesota (Fairview Ridges Hospital) - Epithelioid angiosarcoma
Nebraska (Creighton University Medical Center) - Epithelioid hemangioendothelioma
North Carolina (Eastern Carolina Pathology Associates) - Angiosarcoma
Ohio (Cleveland Clinic) - Epithelioid angiosarcoma
Ohio (Summa Health System) - Epithelioid angiosarcoma
Ohio (University of Toledo Medical Center) - Epithelioid angiosarcoma
Pennsylvania (Drexel University College of Medicine) - Angiosarcoma
Pennsylvania (Lehigh Valley Hospital) - Angiosarcoma
Puerto Rico (University of Puerto Rico) - Epithelioid angiosarcoma
South Carolina (Medical University of South Carolina) - Epithelioid angiosarcoma
South Dakota (Sanford Health/USD) - Epithelioid angiosarcoma
Texas, Crystal Beach - Hemangioendothelioma
Texas (Anderson Cancer Center) - Epithelioid sarcoma
Texas, Lubbock - Angiosarcoma
Washington (Seattle VAMC) - Angioproliferative invasive process; angiosarcoma
Wisconsin, Madison - Angiosarcoma
Wisconsin (Medical Assessment and Consultation, S.C.) - Kaposi sarcoma
Wisconsin (Medical College of Wisconsin) - Epithelioid angiosarcoma
Wisconsin (Meriter Hospital) - Angiosarcoma
Australia (Royal Hobart Hospital) - Epithelioid angiosarcoma
Australia (Royal Prince Alfred Hospital) - Epithelioid angiosarcoma
Brazil (CIDAP) - Angiosarcoma

Canada (Pasqua Hospital) - Angiosarcoma
Ireland (Bon Secours Hospital) - Epithelioid angiosarcoma
Ireland (Kerry General Hospital) - Post transplant angiosarcoma, shunt related
Ireland (Mayo General Hospital) - Epithelioid angiosarcoma
Japan (Asahi General Hospital) - Angiosarcoma (1); Epithelioid sarcoma-like hemangioendothelioma (1)
Japan, Setagaya-Ku - Squamous cell carcinoma
Oman (Khoula Hospital) - Angiosarcoma
Singapore, KTPH - Epithelioid angiosarcoma
Spain (Hospital Xeral) - Epithelioid hemangioendothelioma
United Kingdom (John Radcliffe Hospital) - Epithelioid angiosarcoma

Case 4 - Diagnosis:

Epithelioid angiosarcoma, forearm

Case 4 - References:

Epithelioid angiosarcoma of bone and soft tissue: a report of seven cases with emphasis on morphologic diversity, immunohistochemical features and clinical outcome.

Tumori 2011; Sep-Oct;97(5): p585-9.

Chen Y; Shen D, et al..

Epithelioid angiosarcoma: a brief diagnostic review and differential diagnosis.

Arch Pathol Lab Med 2011; Feb;135(2): p268-72.

Hart J; Mandavilli S.

Primary cutaneous epithelioid angiosarcoma: a clinicopathologic study of 13 cases of a rare neoplasm occurring outside the setting of conventional angiosarcomas and with predilection for the limbs.

Am J Surg Pathol 2011; Jan;35(1): p60-9.

Suchak R; Thway K, et al..

Epithelioid angiosarcoma: a neoplasm with potential diagnostic challenges.

Diagn Cytopathol 2010; Feb;38(2): p154-8.

Lin CF; De Frias D; Lin X.

Fine needle aspiration cytology of epithelioid angiosarcoma: a case report.

Acta Cytol 2008; Jan-Feb;52(1): p109-13.

Siddaraju N, et al.

Epithelioid angiosarcoma of the skin: a study of 18 cases with emphasis on its clinicopathologic spectrum and unusual morphologic features.

Am J Surg Pathol 2010; Sep;34(9): p1334-43.

Bacchi CE; Silva TR, et al..

Case No. 5, Accession No. 25352

January 2014

Alameda (Alameda County Medical Center) - Giant cell tumor
Bishop (Northern Inyo Hospital) - Florid pigmented villonodular synovitis
Fontana (Kaiser Permanente) - Pigmented villonodular synovitis
Hayward/Fremont (St. Rose Hospital) - Pigmented villonodular synovitis
Long Beach (Long Beach VA Hospital) - Pigmented villonodular synovitis (2)
Orange (UCI Medical Center) - Pigmented villonodular synovitis
San Diego (Naval Medical Center) - Pigmented villonodular synovitis
Santa Barbara (Miramonte Laboratory) - Pigmented villonodular synovitis
Woodland Hills (Kaiser Permanente) - Pigmented villonodular tenosynovitis
Arkansas (Associated Pathologists Laboratory) - Pigmented villonodular synovitis
Delaware, Newark - Pigmented villonodular synovitis

Florida (Florida Atlantic University) - Pigmented villonodular synovitis
Florida (Gastro Enterology Associated of Ocala) - Malignant diffuse tenosynovial giant cell tumor
Florida (Munson Regional Medical Center) - Pigmented villonodular synovitis
Georgia, Atlanta - Tenosynovial giant cell tumor
Georgia (Wellstar Healthcare System) - Tenosynovial giant cell tumor (1); Pigmented villonodular synovitis (1)
Illinois (Heartland Regional Medical Center) - Pigmented villonodular synovitis, rule out post traumatic synovitis
Illinois (Northwestern University) - Pigmented villonodular synovitis
Illinois, Oak Brook - Pigmented villonodular synovitis
Kansas (Peterson Laboratory Services, P.A.) - Hemosiderotic synovitis
Maryland (University of Maryland) - Giant cell tumor of tendon sheath
Maryland (Walter Reed National Military Medical Center) - Pigmented villonodular synovitis
Massachusetts (University of Massachusetts) - Pigmented villonodular synovitis
Michigan (Henry Ford Hospital) - Giant cell tumor of the tendon sheath
Michigan (William Beaumont Hospital) - Pigmented villonodular synovitis
Missouri (Missouri Delta Medical Center) - Pigmented villonodular synovitis
Minnesota (Fairview Ridges Hospital) - Pigmented villonodular synovitis
Nebraska (Creighton University Medical Center) - Pigmented villonodular synovitis
North Carolina (Eastern Carolina Pathology Associates) - Pigmented villonodular synovitis
Ohio (Cleveland Clinic) - Tenosynovial giant cell tumor
Ohio (Summa Health System) - Pigmented villonodular synovitis
Ohio (University of Toledo Medical Center) - Pigmented villonodular synovitis
Pennsylvania (Drexel University College of Medicine) - Giant cell tumor of tendon sheath
Pennsylvania (Lehigh Valley Hospital) - Villonodular synovitis
Puerto Rico (University of Puerto Rico) - Diffuse tenosynovial giant cell tumor, intra-articular (pigmented villonodular synovitis)
South Carolina (Medical University of South Carolina) - Pigmented villonodular synovitis
South Dakota (Sanford Health/USD) - Giant cell tumor, diffuse type
Texas, Crystal Beach - Villonodular synovitis
Texas (Anderson Cancer Center) - Pigmented villonodular synovitis
Texas, Lubbock - Hemosideric synovitis
Washington (Seattle VAMC) - Tenosynovial giant cell tumor, diffuse type (pigmented, etc.)
Wisconsin, Madison - Pigmented villonodular synovitis
Wisconsin (Medical Assessment and Consultation, S.C.) - Pigmented villonodular synovitis
Wisconsin (Medical College of Wisconsin) - Pigmented villonodular tenosynovitis
Wisconsin (Meriter Hospital) - Pigmented villonodular synovitis
Australia (Royal Hobart Hospital) - Diffuse type of giant cell tumor of tendon sheath (PVNS)
Australia (Royal Prince Alfred Hospital) - Pigmented villonodular synovitis
Brazil (CIDAP) - Diffuse tenosynovial giant cell tumor
Canada (Pasqua Hospital) - Tenosynovial giant cell tumor, diffuse type
Ireland (Bon Secours Hospital) - Pigmented villonodular synovitis
Ireland (Kerry General Hospital) - Pigmented villonodular synovitis
Ireland (Mayo General Hospital) - Tenosynovial giant cell tumor
Japan (Asahi General Hospital) - Pigmented villonodular synovitis (2)
Japan, Setagaya-Ku - Giant cell tumor (pigmented villonodular synovitis)
Oman (Khoulia Hospital) - Pigmented villonodular synovitis
Singapore, KTPH - Pigmented villonodular synovitis
Spain (Hospital Xeral) - Pigmented villonodular synovitis
United Kingdom (John Radcliffe Hospital) - Pigmented villonodular synovitis

Case 5 - Diagnosis:

Pigmented villonodular synovitis (diffuse tenosynovial giant cell tumor), knee

Case 5 - References:

A rare case of diffuse pigmented villonodular synovitis after total knee arthroplasty.
J Arthroplasty 2011; Sep;26(6): p978.e9-978.e11.
 Oni JK; Cavallo RJ.

Pigmented villonodular synovitis of joints.
J Surg Oncol 2011; Apr;103(5): p386-9.
Mankin H; Trahan C; Hornicek F

Bilateral pigmented villonodular synovitis of the knee.
Joint Bone Spine 2011; Mar;78(2): p219-21.
Boussaadani Soubai R; Tahiri L, et al.

Pigmented villonodular synovitis: an overdiagnosed entity.
Histopathology 2009 Oct;55(4): p477-8.
Kooij N; Shadid MB, et al.

Localized pigmented villonodular synovitis of the posterior capsule of the knee.
J Knee Surg 2009; Jul;22(3): p267-9.
Chae DJ; Shetty GM, et al.

Pigmented villonodular synovitis of the knee: diagnosis and treatment.
J Knee Surg 2009; Jul;22(3): p243-54.
Kramer DE; Frassica FJ, et al.

Case No. 6, Accession No. 31662

January 2014

Alameda (Alameda County Medical Center) - Schwannoma
Bishop (Northern Inyo Hospital) - Schwannoma
Fontana (Kaiser Permanente) - Schwannoma
Hayward/Fremont (St. Rose Hospital) - Neurilemmoma
Long Beach (Long Beach VA Hospital) - Schwannoma (2)
Orange (UCI Medical Center) - Schwannoma
San Diego (Naval Medical Center) - Plexiform schwannoma
Santa Barbara (Miramonte Laboratory) - Schwannoma
Woodland Hills (Kaiser Permanente) - Schwannoma
Arkansas (Associated Pathologists Laboratory) - Schwannoma
Delaware, Newark - Schwannoma
Florida (Florida Atlantic University) - Neurofibroma
Florida (Gastro Enterology Associated of Ocala) - Schwannoma of uncertain biological potential
Florida (Munson Regional Medical Center) - Schwannoma
Georgia, Atlanta - Schwannoma
Georgia (Wellstar Healthcare System) - Schwannoma (2)
Illinois (Heartland Regional Medical Center) - Schwannoma
Illinois (Northwestern University) - Schwannoma
Illinois, Oak Brook - Schwannoma
Kansas (Peterson Laboratory Services, P.A.) - Schwannoma
Maryland (University of Maryland) - Neurofibroma
Maryland (Walter Reed National Military Medical Center) - Schwannoma
Massachusetts (University of Massachusetts) - Schwannoma
Michigan (Henry Ford Hospital) - Schwannoma
Michigan (William Beaumont Hospital) - Neurofibroma with schwannoma-like nodule
Missouri (Missouri Delta Medical Center) - Schwannoma
Minnesota (Fairview Ridges Hospital) - Schwannoma
Nebraska (Creighton University Medical Center) - Schwannoma
North Carolina (Eastern Carolina Pathology Associates) - Schwannoma
Ohio (Cleveland Clinic) - Schwannoma
Ohio (Summa Health System) - Schwannoma
Ohio (University of Toledo Medical Center) - Schwannoma
Pennsylvania (Drexel University College of Medicine) - Schwannoma

Pennsylvania (Lehigh Valley Hospital) - Schwannoma
Puerto Rico (University of Puerto Rico) - Plexiform neurofibroma vs. plexiform schwannoma
South Carolina (Medical University of South Carolina) - Schwannoma
South Dakota (Sanford Health/USD) - Schwannoma
Texas, Crystal Beach - Schwannoma
Texas (Anderson Cancer Center) - Schwannoma
Texas, Lubbock - Neurilemmoma
Washington (Seattle VAMC) - Schwannoma
Wisconsin, Madison - Schwannoma
Wisconsin (Medical Assessment and Consultation, S.C.) - Benign schwannoma (neurilemmoma)
Wisconsin (Medical College of Wisconsin) - Schwannoma
Wisconsin (Meriter Hospital) - Schwannoma
Australia (Royal Hobart Hospital) - Schwannoma
Australia (Royal Prince Alfred Hospital) - Schwannoma
Brazil (CIDAP) - Plexiform schwannoma
Canada (Pasqua Hospital) - Neurofibroma
Ireland (Bon Secours Hospital) - Schwannoma
Ireland (Kerry General Hospital) - Schwannoma
Ireland (Mayo General Hospital) - Schwannoma
Japan (Asahi General Hospital) - Schwannoma (2)
Japan, Setagaya-Ku - Schwannoma
Oman (Khoula Hospital) - Schwannoma
Singapore, KTPH - Schwannoma
Spain (Hospital Xeral) - Schwannoma
United Kingdom (John Radcliffe Hospital) - Schwannoma

Case 6 - Diagnosis:

Schwannoma, forearm

Case 6 - References:

Multiple neurilemmomas in the upper extremity: a series of three cases.
Bull NYU Hosp Jt Dis 2008;;66(1): p61-4.
 Vigler M; Levine LJ; Posner MA.

Multiple schwannomas: report of two cases.
Eur Spine J 2007; Dec;16 Suppl 3:287-92
 Javalkar VK; Pigott T, et al.

Plexiform schwannoma of the forearm.
Skeletal Radiol 2003; Dec;32(12): p719-23.
 Katsumi K; Ogose A, et al.

Contiguous conventional and plexiform schwannomas. Report of two cases.
J Neurosurg 2006; Feb;104(2): p319-24.
 White JB; Scheithauer BW, et al.

Management of patients with schwannomatosis: report of six cases and review of the literature.
Surg Neurol 2004; Oct;62(4): p353-61; discussion 361.
 Huang JH; Simon SL, et al.

[Subcutaneous plexiform schwannoma of the forearm. A case report]
Ann Chir Plast Esthet 2009; Feb;54(1): p75-7.
 Daoudi A; Znati K, et al.

[Schwannomas of the peripheral nerve in the hand and the upper limb: Analysis of 14 cases]
Chir Main 2006; Sep;25(3-4): p131-5.

Case No. 7, Accession No. 31678

January 2014

Alameda (Alameda County Medical Center) - Well-differentiated liposarcoma
Bishop (Northern Inyo Hospital) - Low grade myxoid liposarcoma
Fontana (Kaiser Permanente) - Myxoid liposarcoma
Hayward/Fremont (St. Rose Hospital) - Benign teratoma (lipomyxomyo)
Long Beach (Long Beach VA Hospital) - Myxoma (2)
Orange (UCI Medical Center) - Intramuscular myxoma
San Diego (Naval Medical Center) - Atypical (infiltrative) intramuscular lipoma with myxoid features
Santa Barbara (Miramonte Laboratory) - Myxoid liposarcoma
Woodland Hills (Kaiser Permanente) - Myxoid liposarcoma
Arkansas (Associated Pathologists Laboratory) - Myxoid liposarcoma
Delaware, Newark - Myxolipoma
Florida (Florida Atlantic University) - Atypical lipomatous tumor
Florida (Gastro Enterology Associated of Ocala) - Lipoma-like liposarcoma
Florida (Munson Regional Medical Center) - Lipoma-like liposarcoma
Georgia, Atlanta - Well-differentiated liposarcoma with myxoid change
Georgia (Wellstar Healthcare System) - Intramuscular myxoma (2)
Illinois (Heartland Regional Medical Center) - Myxoid lipoma
Illinois (Northwestern University) - Intramuscular myxoma
Illinois, Oak Brook - Lipoma
Kansas (Peterson Laboratory Services, P.A.) - Intramuscular myxoma
Maryland (University of Maryland) - Intramuscular myxoma vs. myxoid liposarcoma
Maryland (Walter Reed National Military Medical Center) - Myxoma
Massachusetts (University of Massachusetts) - Myxoid liposarcoma
Michigan (Henry Ford Hospital) - Myxoid liposarcoma
Michigan (William Beaumont Hospital) - Liposarcoma
Missouri (Missouri Delta Medical Center) - Low grade liposarcoma
Minnesota (Fairview Ridges Hospital) - Rhabdomyoma
Nebraska (Creighton University Medical Center) - Benign mesenchymal tumor with cartilage, fibroadipose and muscle (mesenchymoma)
North Carolina (Eastern Carolina Pathology Associates) - Myxoid liposarcoma with rhabdoid differentiation
Ohio (Cleveland Clinic) - Well-differentiated liposarcoma
Ohio (Summa Health System) - Teratoma vs. spindle cell lipoma
Ohio (University of Toledo Medical Center) - Myxoid liposarcoma
Pennsylvania (Drexel University College of Medicine) - Intramuscular myxoma
Pennsylvania (Lehigh Valley Hospital) - Lipoma-like liposarcoma
Puerto Rico (University of Puerto Rico) - Well-differentiated liposarcoma vs. myxoid liposarcoma/intramuscular myxoma
South Carolina (Medical University of South Carolina) - Atypical lipomatous tumor/well-differentiated liposarcoma
South Dakota (Sanford Health/USD) - Intramuscular myxoma
Texas, Crystal Beach - Teratoma
Texas (Anderson Cancer Center) - Myxoma
Texas, Lubbock - Intramuscular myxoma
Washington (Seattle VAMC) - Fibromyxosarcoma
Wisconsin, Madison - Low grade fibromyxoid sarcoma vs. well-differentiated liposarcoma
Wisconsin (Medical Assessment and Consultation, S.C.) - Sarcoma with features of malignant triton tumor
Wisconsin (Medical College of Wisconsin) - Dendritic myxofibrolipoma
Wisconsin (Meriter Hospital) - Hamartoma
Australia (Royal Hobart Hospital) - Intramuscular atypical lipomatous tumor (well-differentiated liposarcoma)
Australia (Royal Prince Alfred Hospital) - Well-differentiated liposarcoma
Brazil (CIDAP) - Teratoma X lipoma
Canada (Pasqua Hospital) - Intramuscular myxoma

Ireland (Bon Secours Hospital) - Mixed type liposarcoma
Ireland (Kerry General Hospital) - Sclerosing well-differentiated liposarcoma
Ireland (Mayo General Hospital) - Intramuscular myxoma
Japan (Asahi General Hospital) - Myxoid liposarcoma (1); Myxoid liposarcoma with rhabdomyomatous differentiation (1)
Japan, Setagaya-Ku - Chondroid lipoma
Oman (Khoula Hospital) - Liposarcoma
Singapore, KTPH - Myxoid liposarcoma
Spain (Hospital Xeral) - Paucicellular myxoid liposarcoma
United Kingdom (John Radcliffe Hospital) - Well-differentiated liposarcoma

Case 7 - Diagnosis:

Myxoid liposarcoma, anterior mediastinum

Case 7 - References:

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

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

Fiore M; Grosso F, et al.

Myxoid liposarcoma.

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

Pantanowitz L; Otis CN.

Irradiation of myxoid/round cell liposarcoma induces volume reduction and lipoma-like morphology.

Acta Oncol 2007;;46(6): p838-45.

Engstrom K; Bergh P, et al.

Differential sensitivity of liposarcoma subtypes to chemotherapy.

Eur J Cancer 2005; Dec;41(18): p2853-60.

Jones RL; Fisher C, et al.

Myxoid liposarcoma with adipocytic maturation: detection of TLS/CHOP fusion gene transcript.

Diagn Mol Pathol 2004; Jun;13(2): p92-6.

Nakanishi H; Araki N, et al.

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

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

Vicandi B; Jimenez-Heffernan J, et al.

Case No. 8, Accession No. 30330

January 2014

Alameda (Alameda County Medical Center) - Extraskelatal myxoid chondrosarcoma
Bishop (Northern Inyo Hospital) - Vascular myoepithelial tumor
Fontana (Kaiser Permanente) - Extraskelatal myxoid chondrosarcoma
Hayward/Fremont (St. Rose Hospital) - Extraskelatal myxoid chondrosarcoma
Long Beach (Long Beach VA Hospital) - Extraskelatal myxoid chondrosarcoma (1); Chondrosarcoma (1)
Orange (UCI Medical Center) - Extraskelatal chondrosarcoma
San Diego (Naval Medical Center) - Extraskelatal myxoid chondrosarcoma
Santa Barbara (Miramonte Laboratory) - Chondrosarcoma
Woodland Hills (Kaiser Permanente) - Extraskelatal myxoid chondrosarcoma
Arkansas (Associated Pathologists Laboratory) - Extraskelatal myxoid chondrosarcoma
Delaware, Newark - Extraskelatal myxoid chondrosarcoma
Florida (Florida Atlantic University) - Extraskelatal myxoid chondrosarcoma

Florida (Gastro Enterology Associated of Ocala) - Chondrosarcoma
Florida (Munson Regional Medical Center) - Extraskelatal mesenchymal chondrosarcoma
Georgia, Atlanta - Extraskelatal myxoid chondrosarcoma
Georgia (Wellstar Healthcare System) - Chondroma (2)
Illinois (Heartland Regional Medical Center) - Extraskelatal myxoid chondrosarcoma
Illinois (Northwestern University) - Myxoid chondrosarcoma
Illinois, Oak Brook - Myxoid chondrosarcoma
Kansas (Peterson Laboratory Services, P.A.) - Extraskelatal mesenchymal chondrosarcoma
Maryland (University of Maryland) - Extraskelatal myxoid chondrosarcoma
Maryland (Walter Reed National Military Medical Center) - Extraskelatal myxoid chondrosarcoma
Massachusetts (University of Massachusetts) - Extraskelatal myxoid chondrosarcoma
Michigan (Henry Ford Hospital) - Myxoid chondrosarcoma
Michigan (William Beaumont Hospital) - Extraskelatal myxoid chondrosarcoma
Missouri (Missouri Delta Medical Center) - Myxoid chondrosarcoma, high grade
Minnesota (Fairview Ridges Hospital) - Extraskelatal myxoid chondrosarcoma
Nebraska (Creighton Unviersity Medical Center) - Extraskelatal myxoid chondrosarcoma
North Carolina (Eastern Carolina Pathology Associates) - Extraskelatal myxoid chondrosarcoma
Ohio (Cleveland Clinic) - Extraskelatal myxoid chondrosarcoma
Ohio (Summa Health System) - Extraskelatal myxoid chondrosarcoma
Ohio (University of Toledo Medical Center) - Myxoid chondrosarcoma
Pennsylvania (Drexel University College of Medicine) - Extra-osseous chondrosarcoma vs. extrakeletal myxoid chondrosarcoma
Pennsylvania (Lehigh Valley Hospital) - Extraskelatal myxoid chondrosarcoma
Puerto Rico (University of Puerto Rico) - Myxofibrosarcoma (myxoid MFH)
South Carolina (Medical University of South Carolina) - Extraskelatal myxoid chondrosarcoma
South Dakota (Sanford Health/USD) - Extraskelatal myxoid chondrosarcoma
Texas, Crystal Beach - Myxosarcoma
Texas (Anderson Cancer Center) - Metastatic myxoid chondrosarcoma
Texas, Lubbock - Pleomorphic liposarcoma
Washington (Seattle VAMC) - Myxoid chondrosarcoma
Wisconsin, Madison - Chordoma
Wisconsin (Medical Assessment and Consultation, S.C.) - Extraskelatal myxoid chondrosarcoma
Wisconsin (Medical College of Wisconsin) - Extraskelatal myxoid chondrosarcoma
Wisconsin (Meriter Hospital) - Extraskelatal myxoid chondrosarcoma
Australia (Royal Hobart Hospital) - Extraskelatal myxoid chondrosarcoma
Australia (Royal Prince Alfred Hospital) - Extraskelatal myxoid chondrosarcoma
Brazil (CIDAP) - Angiosarcoma
Canada (Pasqua Hospital) - Extraskelatal myxoid chondrosarcoma
Ireland (Bon Secours Hospital) - Extraskelatal myxoid chondrosarcoma
Ireland (Kerry General Hospital) - Extraskelatal myxoid chondrosarcoma
Ireland (Mayo General Hospital) - Mesenchymal chondrosarcoma
Japan (Asahi General Hospital) - Chondrosarcoma (1); Extraskelatal chondrosarcoma (1)
Japan, Setagaya-Ku - Liposarcoma
Oman (Khoula Hospital) - Extraskelatal myxoid chondrosarcoma
Singapore, KTPH - Extraskelatal myxoid chondrosarcoma
Spain (Hospital Xeral) - Chondrosarcoma
United Kingdom (John Radcliffe Hospital) - Extraskelatal myxoid chondrosarcoma

Case 8 - Diagnosis:

Extraskelatal myxoid chondrosarcoma, buttock

Case 8 - References:

Extraskelatal myxoid chondrosarcoma: updated clinicopathological and molecular genetic characteristics.
Pathol Int 2005; Aug;55(8): p453-63.
 Hisaoka M; Hashimoto H.

Fine-needle aspiration cytology of intra-abdominal wall extraskeletal myxoid chondrosarcoma: a case report and review of the literature.

Arch Pathol Lab Med 2003; Sep;127(9): p1211-3.

Gaudier F; Khurana JS, et al.

Cytopathology of extraskeletal myxoid chondrosarcoma: report of 8 cases.

Cancer 2007; Oct 25;111(5): p298-305.

Jakowski JD; Wakely PE.

Extraskeletal myxoid chondrosarcoma: a Multi-Institutional Study of 42 Cases in Japan.

Cancer 2003; Mar 1;97(5): p1285-92.

Kawaguchi S; Wada T, et al.

Fine-needle aspiration cytology of extraskeletal myxoid chondrosarcoma: a case report.

Diagn Cytopathol 2010; Apr;38(4): p283-6.

Lafora JB; Gasent JM.

Extraskeletal myxoid chondrosarcoma: a retrospective review from 2 referral centers emphasizing long-term outcomes with surgery and chemotherapy.

Cancer 2008; Dec 15;113(12): p3364-71.

Drilon AD; Popat S, et al.

Case No. 9, Accession No. 31501

January 2014

Alameda (Alameda County Medical Center) - Osteosarcoma

Bishop (Northern Inyo Hospital) - Pigmented villonodular synovitis

Fontana (Kaiser Permanente) - Osteosarcoma

Hayward/Fremont (St. Rose Hospital) - Osteosarcoma with focal chondroid matrix

Long Beach (Long Beach VA Hospital) - Giant cell MFH (2)

Orange (UCI Medical Center) - Pleomorphic rhabdomyosarcoma

San Diego (Naval Medical Center) - Osteosarcoma, high grade with possible treatment effect

Santa Barbara (Miramonte Laboratory) - Undifferentiated sarcoma

Woodland Hills (Kaiser Permanente) - Undifferentiated pleomorphic sarcoma with giant cells

Arkansas (Associated Pathologists Laboratory) - High grade surface osteosarcoma

Delaware, Newark - Undifferentiated pleomorphic sarcoma

Florida (Florida Atlantic University) - Undifferentiated pleomorphic sarcoma

Florida (Gastro Enterology Associated of Ocala) - Pleomorphic liposarcoma

Florida (Munson Regional Medical Center) - Giant cell tumor

Georgia, Atlanta - Undifferentiated pleomorphic sarcoma

Georgia (Wellstar Healthcare System) - High grade sarcoma (2)

Illinois (Heartland Regional Medical Center) - High grade sarcoma, favor osteosarcoma MFH-like

Illinois (Northwestern University) - Favor anaplastic osteosarcoma

Illinois, Oak Brook - Giant cell tumor

Kansas (Peterson Laboratory Services, P.A.) - Osteosarcoma

Maryland (University of Maryland) - Giant cell osteosarcoma

Maryland (Walter Reed National Military Medical Center) - Giant cell osteosarcoma

Massachusetts (University of Massachusetts) - Giant cell rich osteosarcoma

Michigan (Henry Ford Hospital) - Malignant fibrous histiocytoma, giant cell type

Michigan (William Beaumont Hospital) - Pleomorphic undifferentiated sarcoma with giant cell

Missouri (Missouri Delta Medical Center) - High grade sarcoma (dedifferentiated)

Minnesota (Fairview Ridges Hospital) - Pleomorphic sarcoma

Nebraska (Creighton University Medical Center) - Osteosarcoma extraskeletal

North Carolina (Eastern Carolina Pathology Associates) - Undifferentiated pleomorphic sarcoma, giant cell type

Ohio (Cleveland Clinic) - Osteosarcoma

Ohio (Summa Health System) - Extraskeletal osteosarcoma with osteoclast-like giant cells

Ohio (University of Toledo Medical Center) - Osteosarcoma, high grade
Pennsylvania (Drexel University College of Medicine) - Malignant giant-cell tumor of the bone
Pennsylvania (Lehigh Valley Hospital) - Extraskelatal osteosarcoma
Puerto Rico (University of Puerto Rico) - Undifferentiated sarcoma vs. osteosarcoma
South Carolina (Medical University of South Carolina) - Osteosarcoma
South Dakota (Sanford Health/USD) - Giant cell rich osteosarcoma
Texas, Crystal Beach - Malignant changes in giant cell tumor
Texas (Anderson Cancer Center) - Pleomorphic sarcoma
Texas, Lubbock - Malignant fibrous histiocytoma
Washington (Seattle VAMC) - Pleomorphic osteosarcoma
Wisconsin, Madison - Undifferentiated pleomorphic sarcoma
Wisconsin (Medical Assessment and Consultation, S.C.) - Malignant giant cell neoplasm tumor
Wisconsin (Medical College of Wisconsin) - Undifferentiated pleomorphic sarcoma
Wisconsin (Meriter Hospital) - Extraskelatal osteosarcoma
Australia (Royal Hobart Hospital) - Pleomorphic undifferentiated sarcoma (MFH)
Australia (Royal Prince Alfred Hospital) - Favor osteosarcoma (extraskelatal; differential; undifferentiated pleomorphic sarcoma)
Brazil (CIDAP) - High grade pleomorphic sarcoma
Canada (Pasqua Hospital) - Pleomorphic sarcoma
Ireland (Bon Secours Hospital) - Pleomorphic rhabdomyosarcoma
Ireland (Kerry General Hospital) - Pleomorphic sarcoma, NOS
Ireland (Mayo General Hospital) - Giant cell tumor of tendon sheath
Japan (Asahi General Hospital) - Osteosarcoma (1); Giant cell-rich osteosarcoma (1)
Japan, Setagaya-Ku - Malignant fibrous histiocytoma
Oman (Khoula Hospital) - Pleomorphic sarcoma
Singapore, KTPH - High grade sarcoma, possible osteoid producing
Spain (Hospital Xeral) - Osteosarcoma
United Kingdom (John Radcliffe Hospital) - Giant cell sarcoma/giant cell osteosarcoma

Case 9 - Diagnosis:

Pleomorphic fibrosarcoma ("MFH"), knee

Consultation, Dr. Sharon Weiss (1998): "Pleomorphic fibrosarcoma ("MFH")

Case 9 - References:

Adult-type fibrosarcoma: A reevaluation of 163 putative cases diagnosed at a single institution over a 48-year period.

Am J Surg Pathol 2010; Oct;34(10): p1504-13.

Bahrami A; Folpe AL.

Diagnosis and management of pleomorphic sarcomas (so-called "MFH") in adults.

J Surg Oncol 2008; Mar 15;97(4): p330-9.

Nascimento AF; Raut CP.

Sarcomas with spindle cell morphology.

Semin Oncol 2009; Aug;36(4): p324-37.

Collini P; Sorensen PH, et al.

Recent progress in the genomics of soft tissue sarcomas.

Curr Opin Oncol 2008; Jul;20(4): p395-9.

Conley AP; Trent J; Zhang W.

Role of cytology in diagnosis of soft tissue sarcomas with special reference to false positive cases.

J Cytol 2009; Jan;26(1): p15-9.

Sengupta S; Mondal SK, et al.

Alameda (Alameda County Medical Center) - High grade sarcoma (MFH) vs. melanoma
Bishop (Northern Inyo Hospital) - Monophasic synovial sarcoma
Fontana (Kaiser Permanente) - Pleomorphic sarcoma (MFH)
Hayward/Fremont (St. Rose Hospital) - Rhabdomyosarcoma, pleomorphic
Long Beach (Long Beach VA Hospital) - Sarcoma, NOS (2)
Orange (UCI Medical Center) - Pleomorphic sarcoma
San Diego (Naval Medical Center) - Pleomorphic sarcoma
Santa Barbara (Miramonte Laboratory) - Rhabdomyosarcoma
Woodland Hills (Kaiser Permanente) - Undifferentiated pleomorphic sarcoma
Arkansas (Associated Pathologists Laboratory) - Inflammatory malignant fibrous histiocytoma
Delaware, Newark - Undifferentiated pleomorphic sarcoma
Florida (Florida Atlantic University) - Leiomyosarcoma
Florida (Gastro Enterology Associated of Ocala) - Malignant fibrous histiocytoma
Florida (Munson Regional Medical Center) - Malignant fibrous histiocytoma
Georgia, Atlanta - Leiomyosarcoma
Georgia (Wellstar Healthcare System) - Sarcoma vs. melanoma (1); Rule out melanoma (1)
Illinois (Heartland Regional Medical Center) - Pleomorphic undifferentiated sarcoma (MFH)
Illinois (Northwestern University) - Pleomorphic sarcoma
Illinois, Oak Brook - Malignant fibrous histiocytoma
Kansas (Peterson Laboratory Services, P.A.) - Pleomorphic sarcoma
Maryland (University of Maryland) - Undifferentiated pleomorphic sarcoma (malignant fibrous histiocytoma)
Maryland (Walter Reed National Military Medical Center) - Leiomyosarcoma
Massachusetts (University of Massachusetts) - Dedifferentiated leiomyosarcoma
Michigan (Henry Ford Hospital) - Malignant fibrous histiocytoma, inflammatory type
Michigan (William Beaumont Hospital) - Pleomorphic undifferentiated sarcoma
Missouri (Missouri Delta Medical Center) - High grade sarcoma (MFH vs. leiomyosarcoma)
Minnesota (Fairview Ridges Hospital) - Pleomorphic sarcoma
Nebraska (Creighton University Medical Center) - Malignant fibrous histiocytoma (MFH)
North Carolina (Eastern Carolina Pathology Associates) - Undifferentiated pleomorphic sarcoma
Ohio (Cleveland Clinic) - Undifferentiated pleomorphic sarcoma
Ohio (Summa Health System) - Undifferentiated pleomorphic sarcoma
Ohio (University of Toledo Medical Center) - Atypical fibroxanthoma
Pennsylvania (Drexel University College of Medicine) - Fibrosarcoma rising from DFSP
Pennsylvania (Lehigh Valley Hospital) - Undifferentiated high grade pleomorphic sarcoma
Puerto Rico (University of Puerto Rico) - Undifferentiated pleomorphic sarcoma (MFH) vs. rhabdomyosarcoma
South Carolina (Medical University of South Carolina) - Pleomorphic rhabdomyosarcoma
South Dakota (Sanford Health/USD) - Malignant fibrous histiocytoma
Texas, Crystal Beach - Primary anaplastic cutaneous lymphoma
Texas (Anderson Cancer Center) - Malignant fibrohistiocytoma
Texas, Lubbock - Malignant fibrous histiocytoma
Washington (Seattle VAMC) - Pleomorphic malignant neoplasm; stromal sarcoma, possible rhabdomyosarcoma
Wisconsin, Madison - Undifferentiated sarcoma
Wisconsin (Medical Assessment and Consultation, S.C.) - Malignant spindle cell neoplasm
Wisconsin (Medical College of Wisconsin) - Melanoma
Wisconsin (Meriter Hospital) - High grade sarcoma
Australia (Royal Hobart Hospital) - Pleomorphic undifferentiated sarcoma with prominent inflammation
Australia (Royal Prince Alfred Hospital) - Pleomorphic sarcomatoid malignancy (pleomorphic sarcoma)
Brazil (CIDAP) - High grade fibrosarcoma
Canada (Pasqua Hospital) - Pleomorphic malignant tumor
Ireland (Bon Secours Hospital) - Unclassified pleomorphic sarcoma (pleomorphic MFH)
Ireland (Kerry General Hospital) - Leiomyosarcoma
Ireland (Mayo General Hospital) - Malignant fibrous histiocytoma
Japan (Asahi General Hospital) - Undifferentiated pleomorphic sarcoma (2)
Japan, Setagaya-Ku - Liposarcoma

Oman (Khoula Hospital) - Sarcoma, Diff Dx: Pleomorphic rhabdomyosarcoma
Singapore, KTPH - Leiomyosarcoma
Spain (Hospital Xeral) - Malignant fibrous histiocytoma
United Kingdom (John Radcliffe Hospital) - Undifferentiated pleomorphic sarcoma

Case 10 - Diagnosis:

Pleomorphic sarcoma (nos), knee

Case 10 - References: (Same references as Case #9)

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

Diagnosis and management of pleomorphic sarcomas (so-called "MFH") in adults.
J Surg Oncol 2008; Mar 15;97(4): p330-9.
Nascimento AF; Raut CP.

Sarcomas with spindle cell morphology.
Semin Oncol 2009; Aug;36(4): p324-37.
Collini P; Sorensen PH, et al.

Recent progress in the genomics of soft tissue sarcomas.
Curr Opin Oncol 2008; Jul;20(4): p395-9.
Conley AP; Trent J; Zhang W.

Role of cytology in diagnosis of soft tissue sarcomas with special reference to false positive cases.
J Cytol 2009; Jan;26(1): p15-9.
Sengupta S; Mondal SK, et al.