



CALIFORNIA
TUMOR TISSUE REGISTRY

SOFT TISSUE PATHOLOGY

Minutes – Subscription B

May 2013



SUGGESTED READING (General Topics from Recent Literature):

- Naert KA and Trotter MJ. Utilization and Utility of Immunohistochemistry in Dermatopathology. *Am J Dermatopathol* 2013; 35:74-77.
- O'Rourke EA, Balzer B, et al. Nevic Mitoses. A Review of 1041 Cases. *Am J Dermatopathol* 2013; 35:30-33.
- Hazard FK and Longacre TA. Ovarian Surface Epithelial Neoplasms in the Pediatric Population. Incidence, Histologic Subtype and Natural History. *Am J Surg Pathol* 2013; 37:548-553.
- Huang Q, Wu H, et al. Primary High-Grade Neuroendocrine Carcinoma of the Esophagus. A clinicopathologic and Immunohistochemical Study of 42 Resection Cases. *Am J Surg Pathol* 2013; 37:467-483.
- Rosado FG, Tang Y-W, et al. Kikuchi-Fujimoto Lymphadenitis: Role of Parvovirus B-19, Epstein-Barr Virus, Human Hepesvirus 6, and Human Herpesvirus 8. *Hum Pathol* 2013; 44:255-259.

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FILE DIAGNOSES

CTTR Subscription B

May 2013

Case 1:

Giant keloid/Keloidal fibrosis, leg

Case 2:

Fibromatosis, forearm

Case 3:

Ganglioneuroma, chest

Case 4:

Schwannoma, peri-adrenal

Case 5:

Malignant peripheral nerve sheath tumor (MPNST) arising in a neurofibroma, forearm

Case 6:

Alveolar rhabdomyosarcoma, intranasal/sinuses

Case 7:

Well-differentiated liposarcoma of retroperitoneum

Case 8:

Well-differentiated liposarcoma with focal areas of early dedifferentiation, retroperitoneum

Case 9:

Myxoid/round cell liposarcoma, thigh

Case 10:

Pleomorphic sarcoma, likely dedifferentiated liposarcoma, thigh

Carlsbad (Genoptix Medical Laboratory) - Microvenular hemangioma
Crystal Beach - Fibrotic reactive lesion with lymphocytosis
Duarte - Keloid (2)
Glendale - AV malformation
Newport Beach - Elastofibroma
Orange (UCI Medical Center Residents) - Elastofibroma
Orinda (Kaiser Foundation) - Keloid changes in erythema nodosum
San Diego (Naval Medical Center San Diego) - Inflammatory pseudotumor
Alabama (Cunningham Pathology) - Keloid dermatofibroma
Delaware (Armed Forces Medical Examiner System) - Extra-abdominal fibromatosis
Georgia, Atlanta - Inflammatory scar
Illinois (Heartland Regional Medical Center) - Sclerosing panniculitis
Kansas (Peterson Laboratory Services) - Fibromatosis
Louisiana (LSU Medical Center) - Benign fibrous tumor
Maryland (University of Maryland Medical Center) - Inflammatory pseudotumor
Mississippi (University of Mississippi Medical Center) - Ischemic fasciitis
New York (SUNY Downstate Medical Center) - Keloid/keloidal fibromatosis
Ohio, Columbus - Skin/soft tissue, left leg, amyloid deposition
Ohio (Summa Health System Residents) - Fibromatosis
Oregon (Oregon Health & Science University) - Massive lymphedema
Pennsylvania (Drexel University College of Medicine Residents) - Inflammatory pseudotumor
Pennsylvania (Wilkes-Barre General Hospital) - Arterio-venous malformation
Puerto Rico (University of Puerto Rico) - Keloid rule out fibromatosis
Tennessee, Knoxville - Benign spindle cell tumor, need consult
Texas, Lubbock - Hamartoma
Texas (Scott & White Memorial Hospital Residents) - Panniculitis with keloidal fibrosis
Wisconsin (Medical Assessment and Consultation SC) - Nodular fasciitis involving skin
Wisconsin (Medical College of Wisconsin) - Reactive fibrosing inflammatory process
Australia (Royal Prince Alfred Hospital) - Fibrosclerosing process of dermis and subcutis, morphea profunda
Australia (St. Vincent's Hospital, Sydney) - Desmoplastic melanoma
Ireland (Connolly Hospital) - Fibrolipoma
Japan (Asashi General Hospital) - Keloid
Japan, Tokyo - Fibromatosis
Saudi Arabia (King Khalid University Hospital) - Inflamed scar with keloid formation
The Netherlands, Amstelveen NL - IgG4 sclerosing disease
United Kingdom (John Radcliffe Hospital) - Erythema nodosum vs. erythema induratum & vasculitis

Case 1 - Diagnosis:

Giant keloid/Keloidal fibrosis, leg

Case 1 - References:

Visual and pathologic analyses of keloid growth patterns.

Ann Plast Surg 2010 Jan;64(1): p80-2

Akaishi S; Ogawa R; Hyakusoku H

Overview about the keloid scars and the elaboration of a non-invasive, unconventional treatment.

J Med Life 2010 Apr-Jun;3(2): p122-7

Carantino I; Florescu IP; Carantino A

Study of microvascular structure in keloid and hypertrophic scars: density of microvessels and the efficacy of three-dimensional vascular imaging.

J Plast Surg Hand Surg 2010 Dec;44(6): p272-7

Kurokawa N; Ueda K; Tsuji M

Atypical fibroxanthoma with keloidal collagen.
Am J Dermatopathol 2010 Oct;32(7): p713-5
Fussell JN; Cooke ER; Florentino F; Sheehan DJ

Keloids show regional distribution of proliferative and degenerate connective tissue elements.
Cells Tissues Organs 2010;191(3): p213-34
Bux S; Madaree A

Case No. 2, Accession No. 31344

May 2013

Carlsbad (Genoptix Medical Laboratory) - Keloid
Crystal Beach - Fibromatosis
Duarte - Sclerotic fibroma (2)
Glendale - Fibromatosis
Newport Beach - Desmoid
Orange (UCI Medical Center Residents) - Extra abdominal desmoid/desmoid fibromatosis
Orinda (Kaiser Foundation) - Fibromatosis
San Diego (Naval Medical Center San Diego) - Fibromatosis
Alabama (Cunningham Pathology) - Fibromatosis (1); Low grade fibrosarcoma (1)
Delaware (Armed Forces Medical Examiner System) - Cutaneous leiomyoma
Georgia, Atlanta - Fibromatosis
Illinois (Heartland Regional Medical Center) - Desmoplastic fibroblastoma
Kansas (Peterson Laboratory Services) - Desmoplastic fibroblastoma
Louisiana (LSU Medical Center) - Fibrous histiocytoma
Maryland (University of Maryland Medical Center) - Fibromatosis, deep, desmoids type
Mississippi (University of Mississippi Medical Center) - Desmoplastic fibroblastoma
New York (SUNY Downstate Medical Center) - Fibromatosis
Ohio, Columbus - Soft tissue, right distal forearm, fibromatosis
Ohio (Summa Health System Residents) - Fibromatosis
Oregon (Oregon Health & Science University) - Deep intramuscular fibromatosis
Pennsylvania (Drexel University College of Medicine Residents) - Fibromatosis
Pennsylvania (Wilkes-Barre General Hospital) - Keloid
Puerto Rico (University of Puerto Rico) - Fibromatosis
Tennessee, Knoxville - Superficial fibromatosis
Texas, Lubbock - Desmoid tumor
Texas (Scott & White Memorial Hospital Residents) - Fibromatosis
Wisconsin (Medical Assessment and Consultation SC) - Benign nodular fibromatosis
Wisconsin (Medical College of Wisconsin) - Superficial fibromatosis
Australia (Royal Prince Alfred Hospital) - Fibromatosis/extra-abdominal desmoid
Australia (St. Vincent's Hospital, Sydney) - Fibroma of tendon sheath
Australia (The Western Hospital) - Keloid
Ireland (Connolly Hospital) - Fibromatosis
Japan (Asashi General Hospital) - Sclerotic fibroma
Japan, Tokyo - Fibromatosis
Saudi Arabia (King Khalid University Hospital) - Desmoplastic fibroblastoma (collagenous fibroma)
The Netherlands, Amstelveen NL - Collagenoma
United Kingdom (John Radcliffe Hospital) - Fibromatosis

Case 2 - Diagnosis:

Fibromatosis, forearm

Case 2 - References:

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 tumor) is derived from mesenchymal progenitor cells.
Cancer Res 2010 Oct 1;70(19): p7690-8
Wu C; Amini-Nik S, et al.

Risk factors predicting intra-abdominal desmoids in familial adenomatous polyposis: a single centre experience.
Tech Coloproctol 2010 Jun;14(2): p141-6
Sinha A; Tekkis PP, et al.

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

Desmoid tumor in patients with familial adenomatous polyposis.
Arq Gastroenterol 2010 Oct-Dec;47(4): p373-8
Leal RF; Silva PV, et al.

Case No. 3, Accession No. 31445

May 2013

Carlsbad (Genoptix Medical Laboratory) - Ganglioneuroma
Crystal Beach - Ganglioneuroma
Duarte - Ganglioneuroma (2)
Glendale - Ganglioneuroma
Newport Beach - Ganglioneuroma
Orange (UCI Medical Center Residents) - Ganglioneuroma
Orinda (Kaiser Foundation) - Ganglioneuroma
San Diego (Naval Medical Center San Diego) - Ganglioneuroma
Alabama (Cunningham Pathology) - Ganglioneuroma (2)
Delaware (Armed Forces Medical Examiner System) - Ganglioneuroma
Georgia, Atlanta - Ganglioneuroma
Illinois (Heartland Regional Medical Center) - Ganglioneuroma
Kansas (Peterson Laboratory Services) - Ganglioneuroma
Louisiana (LSU Medical Center) - Ganglioneuroma
Maryland (University of Maryland Medical Center) - Ganglioneuroma
Mississippi (University of Mississippi Medical Center) - Ganglioneuroma
New York (SUNY Downstate Medical Center) - Ganglioneuroma
Ohio, Columbus - Soft tissue, right chest, ganglioneuroma
Ohio (Summa Health System Residents) - Ganglioneuroma
Oregon (Oregon Health & Science University) - Ganglioneuroma
Pennsylvania (Drexel University College of Medicine Residents) - Ganglioneuroma
Pennsylvania (Wilkes-Barre General Hospital) - Ganglioneuroma
Puerto Rico (University of Puerto Rico) - Ganglioneuroma
Tennessee, Knoxville - Ganglioneuroma
Texas, Lubbock - Ganglioneuroma
Texas (Scott & White Memorial Hospital Residents) - Ganglioneuroma
Wisconsin (Medical Assessment and Consultation SC) - Benign ganglioneuroma
Wisconsin (Medical College of Wisconsin) - Ganglioneuroma
Australia (Royal Prince Alfred Hospital) - Ganglioneuroma
Australia (St. Vincent's Hospital, Sydney) - Ganglioneuroma
Australia (The Western Hospital) - Ganglioneuroma
Ireland (Connolly Hospital) - Ganglioneuroma
Japan (Asahi General Hospital) - Ganglioneuroma
Japan, Tokyo - Ganglioneuroma
Saudi Arabia (King Khalid University Hospital) - Ganglioneuroma
The Netherlands, Amstelveen NL - Ganglioneuroma
United Kingdom (John Radcliffe Hospital) - Ganglioneuroma

Case 3 - Diagnosis:

Ganglioneuroma, chest

Case 3 - References:

Excision of ganglioneuroma from skull base to aortic arch.

J Pediatr Surg 2010 Oct;45(10): pe29-32

Jawaid W; Solari V, et al.

Intrathoracic ganglioneuroma in an elderly patient over 70 years of age.

Gen Thorac Cardiovasc Surg 2007 Oct;55(10): p437-9

Maruyama R; Tanaka J, et al.

Extra-adrenal composite pheochromocytoma-ganglioneuroma.

Saudi Med J 2006 Oct;27(10): p1594-7

Tohme CA; Mattar WE, et al.

Synchronous mediastinal ganglioneuroma and retroperitoneal pheochromocytoma.

Ann Thorac Surg 2005 Oct;80(4): p1525-7

Takeda S; Minami M, et al.

Fine-needle aspiration of ganglioneuroma.

Diagn Cytopathol 2005 Jun;32(6): p363-6

Domanski HA

Ganglioneuroma of the neck, masquerading as a goiter.

Eur J Surg Oncol 2003 Dec;29(10): p929-30

Leonardis M; Sperb D, et al.

Case No. 4, Accession No. 31515

May 2013

Carlsbad (Genoptix Medical Laboratory) - Schwannoma

Crystal Beach - Neurilemoma

Duarte - Schwannoma, adrenal (2)

Glendale - Cellular schwannoma

Newport Beach - Schwannoma

Orange (UCI Medical Center Residents) - Schwannoma

Orinda (Kaiser Foundation) - Schwannoma

San Diego (Naval Medical Center San Diego) - Schwannoma

Alabama (Cunningham Pathology) - Schwannoma (2)

Delaware (Armed Forces Medical Examiner System) - Schwannoma

Georgia, Atlanta - Schwannoma

Illinois (Heartland Regional Medical Center) - Schwannoma

Kansas (Peterson Laboratory Services) - Schwannoma

Louisiana (LSU Medical Center) - Peripheral nerve sheath tumor

Maryland (University of Maryland Medical Center) - Schwannoma

Mississippi (University of Mississippi Medical Center) - Schwannoma

New York (SUNY Downstate Medical Center) - Schwannoma

Ohio, Columbus - Soft tissue, right periadrenal, schwannoma

Ohio (Summa Health System Residents) - Cellular schwannoma

Oregon (Oregon Health & Science University) - Schwannoma

Pennsylvania (Drexel University College of Medicine Residents) - Schwannoma

Pennsylvania (Wilkes-Barre General Hospital) - Neurilemoma, ancient

Puerto Rico (University of Puerto Rico) - Schwannoma

Tennessee, Knoxville - Schwannoma

Texas, Lubbock - Neurilemoma

Texas (Scott & White Memorial Hospital Residents) - Schwannoma
Wisconsin (Medical Assessment and Consultation SC) - Benign schwannoma (neurilemoma)
Wisconsin (Medical College of Wisconsin) - Cellular schwannoma
Australia (Royal Prince Alfred Hospital) - Cellular schwannoma
Australia (St. Vincent's Hospital, Sydney) - Schwannoma
Australia (The Western Hospital) - Schwannoma
Ireland (Connolly Hospital) - Schwannoma
Japan (Asashi General Hospital) - Schwannoma
Japan, Tokyo - Schwannoma
Saudi Arabia (King Khalid University Hospital) - Schwannoma
The Netherlands, Amstelveen NL - Angiomyolipoma
United Kingdom (John Radcliffe Hospital) - Schwannoma

Case 4 - Diagnosis:

Schwannoma, peri-adrenal

Case 4 - References:

Incidentally discovered adrenal schwannoma.
 JSLs 2007 Jan-Mar;11(1): p113-5
 Korets R; Berkenblit R; Ghavamian R

Schwannoma of the adrenal gland: report of two cases.
 Am J Surg Pathol 2006 May;30(5): p630-4
 Lau SK; Spagnolo DV; Weiss LM

Benign retroperitoneal schwannoma mimicking an adrenal mass.
 Surg Laparosc Endosc Percutan Tech 2003 Apr;13(2): p133-8
 Behrend M; Kaaden S, et al.

Retroperitoneal schwannoma.
 Am J Surg 2006 Jul;192(1): p14-8
 Goh BK; Tan YM, et al.

Intranodal schwannoma presenting as an adrenal mass.
 Histopathology 2004 Jul;45(1): p95-6
 Reinus C; Shutin O; Reissman P

Case No. 5, Accession No. 31477

May 2013

Carlsbad (Genoptix Medical Laboratory) - Myxoid liposarcoma
Crystal Beach - Neurofibrosarcoma
Duarte - Malignant peripheral nerve sheath tumor (2)
Glendale - Malignant peripheral nerve sheath tumor
Newport Beach - Neurofibroma
Orange (UCI Medical Center Residents) - Malignant peripheral nerve sheath tumor
Orinda (Kaiser Foundation) - Myxoid liposarcoma
San Diego (Naval Medical Center San Diego) - Malignant peripheral nerve sheath tumor
Alabama (Cunningham Pathology) - Neurofibroma (1); Malignant peripheral nerve sheath tumor
Delaware (Armed Forces Medical Examiner System) - Myofibroma
Georgia, Atlanta - Malignant peripheral nerve sheath tumor with rhabdomyosarcomatous differentiation (triton tumor)
Illinois (Heartland Regional Medical Center) - Malignant peripheral nerve sheath tumor
Kansas (Peterson Laboratory Services) - Malignant peripheral nerve sheath tumor
Louisiana (LSU Medical Center) - Schwannoma
Maryland (University of Maryland Medical Center) - Malignant peripheral nerve sheath tumor

Mississippi (University of Mississippi Medical Center) - Malignant peripheral nerve sheath tumor
New York (SUNY Downstate Medical Center) - Malignant peripheral nerve sheath tumor
Ohio, Columbus - Soft tissue, right forearm, neurofibrosarcoma
Ohio (Summa Health System Residents) - Neurofibroma with early malignant change
Oregon (Oregon Health & Science University) - Malignant peripheral nerve sheath tumor arising in a background of neurofibroma
Pennsylvania (Drexel University College of Medicine Residents) - Malignant peripheral nerve sheath tumor
Pennsylvania (Wilkes-Barre General Hospital) - Cellular neurofibroma
Puerto Rico (University of Puerto Rico) - Malignant peripheral nerve sheath tumor
Tennessee, Knoxville - Malignant peripheral nerve sheath tumor
Texas, Lubbock - Neurosarcoma
Texas (Scott & White Memorial Hospital Residents) - Malignant peripheral nerve sheath tumor
Wisconsin (Medical Assessment and Consultation SC) - Malignant peripheral nerve sheath neoplasm
Wisconsin (Medical College of Wisconsin) - Malignant peripheral nerve sheath tumor
Australia (Royal Prince Alfred Hospital) - Malignant peripheral nerve sheath tumor (Diff: myxoid fibrosarcoma)
Australia (St. Vincent's Hospital, Sydney) - Myxoid liposarcoma
Ireland (Connolly Hospital) - Malignant peripheral nerve sheath tumor
Japan (Asahi General Hospital) - Neurofibroma
Japan, Tokyo - Malignant schwannoma
Saudi Arabia (King Khalid University Hospital) - Malignant peripheral nerve sheath tumor
The Netherlands, Amstelveen NL - Schwannoma
United Kingdom (John Radcliffe Hospital) - Malignant peripheral nerve sheath tumor

Case 5 - Diagnosis:

Malignant peripheral nerve sheath tumor (MPNST) arising in a neurofibroma, forearm

Case 5 - References:

Malignant peripheral nerve sheath tumor of the skin: case report.

Am J Clin Dermatol 2006;7(3): p201-3

Al Akloby O; Bukhari IA, et al.

Malignant peripheral nerve sheath tumor originating in neurofibroma of the mesentery. Case report.

Pol J Pathol 2005;56(3): p145-7

Gorecki T; Ostrowska M, et al.

Fine-needle aspiration cytology of malignant peripheral nerve sheath tumors.

Diagn Cytopathol 2004 Jul;31(1): p1-4

Gupta K; Dey P; Vashisht R

Malignant peripheral nerve sheath tumor: a comparison of grade, immunophenotype, and cell cycle/growth activation marker expression in sporadic and neurofibromatosis 1-related lesions.

Am J Surg Pathol 2003 Oct;27(10): p1337-45

Zhou H; Coffin CM, et al.

Early-stage malignant peripheral nerve sheath tumour arising from a solitary neurofibroma.

Br J Radiol 2012 Feb;85(1010): pe26-30

Hyodo T; Sugawara Y, et al.

The normal and neoplastic perineurium: a review.

Adv Anat Pathol 2008 May;15(3): p147-64

Pina-Oviedo S; Ortiz-Hidalgo C

Malignant peripheral nerve sheath tumor with rhabdomyosarcomatous differentiation (malignant triton tumor).

Arch Pathol Lab Med 2006 Dec;130(12): p1878-81

Stasik CJ; Tawfik O

Carlsbad (Genoptix Medical Laboratory) - Alveolar rhabdomyosarcoma
Crystal Beach - Rhabdomyosarcoma embryonal
Duarte - Alveolar rhabdomyosarcoma, H&N (2)
Glendale - Rhabdomyosarcoma
Newport Beach - Alveolar rhabdomyosarcoma
Orange (UCI Medical Center Residents) - Alveolar rhabdomyosarcoma
Orinda (Kaiser Foundation) - Alveolar rhabdomyosarcoma
San Diego (Naval Medical Center San Diego) - Alveolar rhabdomyosarcoma
Alabama (Cunningham Pathology) - Olfactory neuroblastoma (1); Rhabdomyosarcoma, embryonal (1)
Delaware (Armed Forces Medical Examiner System) - Embryonal rhabdomyosarcoma
Georgia, Atlanta - Alveolar rhabdomyosarcoma
Illinois (Heartland Regional Medical Center) - Alveolar rhabdomyosarcoma
Kansas (Peterson Laboratory Services) - Rhabdomyosarcoma, alveolar
Louisiana (LSU Medical Center) - Rhabdomyosarcoma
Maryland (University of Maryland Medical Center) - Rhabdomyosarcoma (alveolar)
Mississippi (University of Mississippi Medical Center) - Rhabdomyosarcoma
New York (SUNY Downstate Medical Center) - Alveolar rhabdomyosarcoma
Ohio, Columbus - Soft tissue, nasal cavity, small cell malignant neoplasm consistent with rhabdomyosarcoma
Ohio (Summa Health System Residents) - Alveolar rhabdomyosarcoma
Oregon (Oregon Health & Science University) - Alveolar rhabdomyosarcoma
Pennsylvania (Drexel University College of Medicine Residents) - Alveolar rhabdomyosarcoma
Pennsylvania (Wilkes-Barre General Hospital) - Esthesioneuroblastoma
Puerto Rico (University of Puerto Rico) - Alveolar rhabdomyosarcoma
Tennessee, Knoxville - Alveolar rhabdomyosarcoma
Texas, Lubbock - Embryonal rhabdomyosarcoma
Texas (Scott & White Memorial Hospital Residents) - Rhabdomyosarcoma
Wisconsin (Medical Assessment and Consultation SC) - Alveolar rhabdomyosarcoma
Wisconsin (Medical College of Wisconsin) - Alveolar rhabdomyosarcoma
Australia (Royal Prince Alfred Hospital) - Alveolar rhabdomyosarcoma
Australia (St. Vincent's Hospital, Sydney) - Alveolar rhabdomyosarcoma
Australia (The Western Hospital) - Rhabdomyosarcoma, alveolar type
Ireland (Connolly Hospital) - Embryonal rhabdomyosarcoma
Japan (Asashi General Hospital) - Rhabdomyosarcoma
Japan, Tokyo - Rhabdomyosarcoma
Saudi Arabia (King Khalid University Hospital) - Alveolar rhabdomyosarcoma
The Netherlands, Amstelveen NL - Alveolar rhabdomyosarcoma
United Kingdom (John Radcliffe Hospital) - Alveolar rhabdomyosarcoma

Case 6 - Diagnosis:

Alveolar rhabdomyosarcoma, intranasal/sinuses

Consultation: Stanford University: "Alveolar rhabdomyosarcoma"

Case 6 - References:

Solid variant of alveolar rhabdomyosarcoma in the head and neck region: a case report of a diagnostic dilemma in a head and neck fine needle aspiration clinic.

Acta Cytol 2010 Sep-Oct;54(5 Suppl): p849-52

Aslam MB; Sahasrabudhe N, et al.

Alveolar rhabdomyosarcoma of the head and neck region in older adults: genetic characterization and a review of the literature.

Hum Pathol 2009 Mar;40(3): p341-8

Yasuda T; Perry KD, et al.

Alveolar rhabdomyosarcoma of the paranasal sinuses.
Head Neck Pathol 2008 Dec;2(4): p302-4
Legendre BW; Nelson BL

Breast metastases in an adolescent woman with alveolar rhabdomyosarcoma of the maxillary sinus.
Breast J 2007 Jul-Aug;13(4): p426-8
Balaji R; Ramachandran K, et al.

A case of alveolar rhabdomyosarcoma of the ethmoid sinus invading the orbit in an adult.
Korean J Ophthalmol (Korea 2006 Mar;20(1): p70-5
Moon HS; Kwon SW; Lee JH

Case No. 7, Accession No. 31364

May 2013

Carlsbad (Genoptix Medical Laboratory) - Well-differentiated liposarcoma
Crystal Beach - Liposarcoma
Duarte - Well-differentiated liposarcoma, lipoma-like (2)
Glendale - Well-differentiated liposarcoma
Newport Beach - Angiomyolipoma
Orange (UCI Medical Center Residents) - Well-differentiated liposarcoma
Orinda (Kaiser Foundation) - Well-differentiated liposarcoma
San Diego (Naval Medical Center San Diego) - Atypical lipomatous tumor/well-differentiated liposarcoma, sclerosing, ATL
Alabama (Cunningham Pathology) - WDL/ALN (1); Liposarcoma, well-differentiated (1)
Delaware (Armed Forces Medical Examiner System) - Well-differentiated liposarcoma
Georgia, Atlanta - Well-differentiated sclerosing liposarcoma
Illinois (Heartland Regional Medical Center) - Well-differentiated liposarcoma
Kansas (Peterson Laboratory Services) - Well-differentiated liposarcoma
Louisiana (LSU Medical Center) - Atypical lipoma
Maryland (University of Maryland Medical Center) - Well-differentiated liposarcoma, lipocytic
Mississippi (University of Mississippi Medical Center) - Well-differentiated liposarcoma
New York (SUNY Downstate Medical Center) - Well-differentiated liposarcoma
Ohio, Columbus - Soft tissue, right perirenal, liposarcoma, well-differentiated
Ohio (Summa Health System Residents) - Well-differentiated liposarcoma
Oregon (Oregon Health & Science University) - Well differentiated liposarcoma
Pennsylvania (Drexel University College of Medicine Residents) - Well-differentiated liposarcoma
Pennsylvania (Wilkes-Barre General Hospital) - Lipoma-like liposarcoma/atypical
Puerto Rico (University of Puerto Rico) - Well-differentiated liposarcoma
Tennessee, Knoxville - Well-differentiated liposarcoma
Texas, Lubbock - Liposarcoma
Texas (Scott & White Memorial Hospital Residents) - Well-differentiated liposarcoma
Wisconsin (Medical Assessment and Consultation SC) - Lipoma-like well-differentiated liposarcoma
Wisconsin (Medical College of Wisconsin) - Well-differentiated liposarcoma
Australia (Royal Prince Alfred Hospital) - Well-differentiated sclerosing liposarcoma
Australia (St. Vincent's Hospital, Sydney) - Well-differentiated liposarcoma of retroperitoneum
Australia (The Western Hospital) - Well-differentiated liposarcoma
Ireland (Connolly Hospital) - Well-differentiated lipoma-like liposarcoma
Japan (Asahi General Hospital) - Well-differentiated liposarcoma
Japan, Tokyo - Atypical lipomatous tumor
Saudi Arabia (King Khalid University Hospital) - Well-differentiated liposarcoma
The Netherlands, Amstelveen NL - Well-differentiated liposarcoma
United Kingdom (John Radcliffe Hospital) - Well-differentiated liposarcoma

Case 7 - Diagnosis:

Well-differentiated liposarcoma of retroperitoneum

Case 7 - References:

Retroperitoneal liposarcoma.

J Urol 2007 Mar;177(3): p1145

Chouairy CJ; Abdul-Karim FW, et al.

Retroperitoneal liposarcoma weighing over one hundred pounds with review of the literature.

Gynecol Oncol 2006 Dec;103(3): p1152-4

McCallum OJ; Burke JJ, et al.

Retroperitoneal liposarcomas: follow-up analysis of dedifferentiation after clinicopathologic reexamination of 86 liposarcomas and malignant fibrous histiocytomas.

Cancer 2006 Jun 15;106(12): p2725-33

Fabre-Guillevin E; Coindre JM, et al.

Retroperitoneal soft tissue sarcomas: patterns of recurrence in 167 patients treated at a single institution.

Cancer 2004 Jun 1;100(11): p2448-55

Gronchi A; Casali PG, et al.

Primary retroperitoneal spindle cell liposarcoma: pathological and immunohistochemical findings.

Pathol Int 2010 Jun;60(6): p472-6

Shioi Y; Hasegawa T, et al.

Case No. 8, Accession No. 31326

May 2013

Carlsbad (Genoptix Medical Laboratory) - Well-differentiated liposarcoma

Crystal Beach - Retroperitoneal fibromatosis

Duarte - Well-differentiated liposarcoma, sclerosing variant (2)

Glendale - Well differentiated liposarcoma

Newport Beach - Angiomyolipoma

Orange (UCI Medical Center Residents) - Well-differentiated liposarcoma

Orinda (Kaiser Foundation) - Well-differentiated liposarcoma

San Diego (Naval Medical Center San Diego) - Well-differentiated liposarcoma

Alabama (Cunningham Pathology) - Myxoid liposarcoma (2)

Delaware (Armed Forces Medical Examiner System) - Spermatic cord liposarcoma

Georgia, Atlanta - Well-differentiated sclerosing liposarcoma

Illinois (Heartland Regional Medical Center) - Well-differentiated liposarcoma

Kansas (Peterson Laboratory Services) - Well-differentiated liposarcoma

Louisiana (LSU Medical Center) - Fibrolipoma

Maryland (University of Maryland Medical Center) - Liposarcoma, sclerosing

Mississippi (University of Mississippi Medical Center) - Well-differentiated liposarcoma, sclerosing type

New York (SUNY Downstate Medical Center) - Well-differentiated liposarcoma

Ohio, Columbus - Soft tissue, retroperitoneum/inguinal region, liposarcoma, well-differentiated

Ohio (Summa Health System Residents) - Dedifferentiated liposarcoma

Oregon (Oregon Health & Science University) - Well-differentiated liposarcoma, adipocytic and sclerosing type

Pennsylvania (Drexel University College of Medicine Residents) - Myxoid liposarcoma

Pennsylvania (Wilkes-Barre General Hospital) - Spindle cell lipoma

Puerto Rico (University of Puerto Rico) - Inflammatory well-differentiated liposarcoma

Tennessee, Knoxville - Well-differentiated liposarcoma

Texas, Lubbock - Sclerosing liposarcoma

Texas (Scott & White Memorial Hospital Residents) - Well-differentiated liposarcoma

Wisconsin (Medical Assessment and Consultation SC) - Aggressive angiomatoma

Wisconsin (Medical College of Wisconsin) - Well-differentiated liposarcoma with myxoid change

Australia (Royal Prince Alfred Hospital) - Well-differentiated liposarcoma

Australia (St. Vincent's Hospital, Sydney) - Sclerosing liposarcoma

Australia (The Western Hospital) - Pleomorphic liposarcoma

Ireland (Connolly Hospital) - Sclerosing liposarcoma
Japan (Asashi General Hospital) - Well-differentiated liposarcoma
Japan, Tokyo - Atypical lipomatous tumor
Saudi Arabia (King Khalid University Hospital) - Atypical lipomatous tumor
The Netherlands, Amstelveen NL - Liposarcoma
United Kingdom (John Radcliffe Hospital) - Well-differentiated liposarcoma, sclerosing variant

Case 8 - Diagnosis:

Well-differentiated liposarcoma with focal areas of early dedifferentiation, retroperitoneum

Case 8 - References:

See references on Case 7

Case No. 9, Accession No. 31372

May 2013

Carlsbad (Genoptix Medical Laboratory) - Extraskeletal myxoid chondrosarcoma
Crystal Beach - Myxoid sarcoma
Duarte - Myxoid liposarcoma, <2% round cell component (2)
Glendale - Myxoid liposarcoma
Newport Beach - Myxoid liposarcoma
Orange (UCI Medical Center Residents) - Myxoid/round cell liposarcoma
Orinda (Kaiser Foundation) - Extraskeletal chondrosarcoma
San Diego (Naval Medical Center San Diego) - Round cell/myxoid liposarcoma
Alabama (Cunningham Pathology) - Myxoid round cell liposarcoma (2)
Delaware (Armed Forces Medical Examiner System) - Myxoid liposarcoma
Georgia, Atlanta - Myxoid/round cell liposarcoma
Illinois (Heartland Regional Medical Center) - Myxoid liposarcoma (round cell liposarcoma)
Kansas (Peterson Laboratory Services) - Myxoid liposarcoma
Louisiana (LSU Medical Center) - Chondrosarcoma
Maryland (University of Maryland Medical Center) - Extraskeletal myxoid chondrosarcoma
Mississippi (University of Mississippi Medical Center) - Myxoid/round cell liposarcoma
New York (SUNY Downstate Medical Center) - Myxoid liposarcoma
Ohio, Columbus - Soft tissue, posterior thigh, liposarcoma, myxoid/round cell types
Ohio (Summa Health System Residents) - Myxoid/round cell liposarcoma
Oregon (Oregon Health & Science University) - Combined myxoid/round cell liposarcoma
Pennsylvania (Drexel University College of Medicine Residents) - Extraskeletal myxoid chondrosarcoma, cellular variant
Pennsylvania (Wilkes-Barre General Hospital) - Myxoid/round cell liposarcoma
Puerto Rico (University of Puerto Rico) - Myxoid liposarcoma
Tennessee, Knoxville - Chondromyxoid fibroma
Texas, Lubbock - Myxoid liposarcoma
Texas (Scott & White Memorial Hospital Residents) - Myxoid liposarcoma
Wisconsin (Medical Assessment and Consultation SC) - Myxoid liposarcoma
Wisconsin (Medical College of Wisconsin) - Round cell liposarcoma
Australia (Royal Prince Alfred Hospital) - Myxoid round cell liposarcoma
Australia (St. Vincent's Hospital, Sydney) - Extraskeletal myxoid chondrosarcoma
Australia (The Western Hospital) - Myxoid/round cell liposarcoma
Ireland (Connolly Hospital) - Myxoid/round cell liposarcoma
Japan (Asashi General Hospital) - Extraskeletal myxoid chondrosarcoma
Japan, Tokyo - Chondroid lipoma
Saudi Arabia (King Khalid University Hospital) - Myxoid liposarcoma
The Netherlands, Amstelveen NL - Myxoid liposarcoma
United Kingdom (John Radcliffe Hospital) - Myxoid liposarcoma

Case 9 - Diagnosis:

Myxoid/round cell liposarcoma, thigh

Case 9 - References:

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

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Vicandi B; Jimenez-Heffernan J, et al.

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Case No. 10, Accession No. 31353

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Carlsbad (Genoptix Medical Laboratory) - Dedifferentiated liposarcoma

Crystal Beach - Liposarcoma

Duarte - Dedifferentiated liposarcoma (2)

Glendale - Dedifferentiated liposarcoma

Newport Beach - Spindle cell lipoma

Orange (UCI Medical Center Residents) - Myxoid fibrosarcoma, low grade

Orinda (Kaiser Foundation) - Dedifferentiated liposarcoma

San Diego (Naval Medical Center San Diego) - Ischemic fasciitis

Alabama (Cunningham Pathology) - Malignant fibrous histiocytoma (1); High grade pleomorphic sarcoma (1)

Delaware (Armed Forces Medical Examiner System) - Pleomorphic sarcoma, favor dedifferentiated liposarcoma (1)

Georgia, Atlanta - Dedifferentiated liposarcoma

Illinois (Heartland Regional Medical Center) - Pleomorphic undifferentiated sarcoma (MFH)

Kansas (Peterson Laboratory Services) - Ischemic fasciitis

Louisiana (LSU Medical Center) - Undifferentiated pleomorphic sarcoma

Maryland (University of Maryland Medical Center) - Pleomorphic sarcoma

Mississippi (University of Mississippi Medical Center) - Pleomorphic undifferentiated sarcoma

New York (SUNY Downstate Medical Center) - Pleomorphic sarcoma

Ohio, Columbus - Soft tissue, left thigh, spindle and pleomorphic sarcoma

Ohio (Summa Health System Residents) - Undifferentiated pleomorphic sarcoma

Oregon (Oregon Health & Science University) - Myxofibrosarcoma, high grade

Pennsylvania (Drexel University College of Medicine Residents) - Dedifferentiated liposarcoma

Puerto Rico (University of Puerto Rico) - Dedifferentiated liposarcoma/undifferentiated pleomorphic sarcoma

Tennessee, Knoxville - Pleomorphic sarcoma (MFH)

Texas, Lubbock - Neurosarcoma

Texas (Scott & White Memorial Hospital Residents) - Pleomorphic sarcoma, favor liposarcoma

Wisconsin (Medical Assessment and Consultation SC) - Pleomorphic liposarcoma
Wisconsin (Medical College of Wisconsin) - Dedifferentiated liposarcoma
Australia (Royal Prince Alfred Hospital) - Undifferentiated pleomorphic sarcoma
Australia (St. Vincent's Hospital, Sydney) - Pleomorphic sarcoma
Australia (The Western Hospital) - Myxofibrosarcoma
Ireland (Connolly Hospital) - Undifferentiated sarcoma
Japan (Asahi General Hospital) - Malignant fibrous histiocytoma, myxoid type
Japan, Tokyo - Liposarcoma
Saudi Arabia (King Khalid University Hospital) - Malignant fibrous histiocytoma
The Netherlands, Amstelveen NL - Ischemic fasciitis
United Kingdom (John Radcliffe Hospital) - Pleomorphic liposarcoma

Case 10 - Diagnosis:

Pleomorphic sarcoma, likely dedifferentiated liposarcoma, thigh

Case 10 - References:

Overlapping features between dedifferentiated liposarcoma and undifferentiated high-grade pleomorphic sarcoma.
Am J Surg Pathol 2009 Nov;33(11): p1594-600
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Mechtersheimer G; Renner M, et al.

The expression of c-Met pathway components in unclassified pleomorphic sarcoma/malignant fibrous histiocytoma (UPS/MFH): a tissue microarray study.
Histopathology 2011 Sep;59(3): p556-61
Lahat G; Zhang P, et al.

Pleomorphic and dedifferentiated leiomyosarcoma: clinicopathologic and immunohistochemical study of 41 cases.
Hum Pathol 2010 May;41(5): p663-71
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