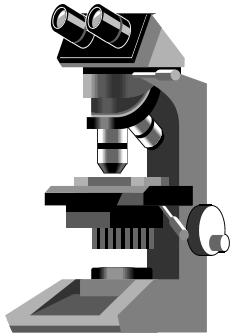


CALIFORNIA
TUMOR TISSUE REGISTRY



GENERAL PATHOLOGY

Minutes – Subscription B

January 2000

SUGGESTED READING (General Topics from Recent Literature):

- Clinical Utility in Maximizing CD34+ Cell Count in Stem Cell Grafts. Burt RK, et al. *The Oncologist* 1999; 4(3):265-268.
- Prognostic Significance of the 1997 TNM Classification of Renal Cell Carcinoma. Javida J, et al. *J Urol* 1999; 162:1277-1281.
- Subclassifying Atypical Squamous Cells in Thin-Preg Cervical cytology Correlates with Detection of High-Risk Human Papillomavirus DNA. Crum CP, et al. *Am J Clin Pathol* 1999; 112:384-390.
- Synovial Sarcoma Specific Translocation Associated with Both Epithelial and Spindle Cell Components. Birdsall S, et al. *Int J Cancer* 1999; 82:605-608.
- Development of a Nomogram That Predicts the Probability of a Positive Prostate Biopsy in Men with an Abnormal Digital Rectal Examination and a Prostate-Specific Antigen Between 0 and 4 ng/mL. Eastham JA, et al. *Urol* 1999; 54(4):709-713.

California Tumor Tissue Registry
c/o: Department of Pathology and Human Anatomy
Loma Linda University School of Medicine
11021 Campus Avenue, AH 335
Loma Linda, California 92350
(909) 558-4788
FAX: (909) 558-0188
E-mail: cttr@linkline.com
Case of the Month: www.llu.edu/llu/cttr/cotm

Orange (UCI Medical Center Residents) - Giant cell reparative granuloma (6); Benign Fibro-osseous lesion (2)
Glendale (Glendale Path Assoc.) - Cementifying fibroma
Mountain View (El Camino Path Group) - Fibrous dysplasia
San Diego (Naval Medical Center) - Ossifying fibroma
Texas (Fort Worth) - Fibrous dysplasia
Louisiana (River Ridge) - Central giant cell granuloma
Minnesota (Univ of Minnesota Golden Gopher Study Group) - Fibrous dysplasia
Wisconsin (Madison) - Ossifying fibroma
Wisconsin (Middleton) - Fibrous dysplasia
Mississippi (Kings Daughters Medical Ctr) - Fibrous dysplasia
Michigan (Foote Hospital) - Giant cell reparative granuloma
Michigan (St. Mary's Hospital) - Desmoplastic fibroma (2)
Kentucky (University of Louisville Residents) - Odontogenic fibromyxoma or fibroma
Florida (Winter Haven) - Non-ossifying fibroma
Texas (Ft. Worth) - Fibrous dysplasia
Texas (Darnall Army Community Hospital) - Fibromyxoma (immunos would be helpful)
Texas (Lubbock) - Hemangiopericytoma
Florida (Monroe Regional Medical Center) - Fibrous dysplasia
Maryland (National Naval Medical Center) - Giant cell lesion (giant cell reparative granuloma vs. brown tumor)
Pennsylvania (Conemaugh Memorial Hospital Residents) - Fibromatosis
New York (Montefiore Medical Centre) - Hemangiopericytoma
Massachusetts (Longmeadow) - Giant cell reparative granuloma, mandible
Massachusetts (Caritas Good Samaritan Medical Center) - Giant cell reparative granuloma (1); Fibrous dysplasia (1)
Canada, Alberta (Foothills Hospital) - Odontogenic fibromyxoma
Japan (Hamamatsu University School of Medicine) - Solitary fibrous tumor
Japan (Kurashiki Medical School) - Fibrous dysplasia
China (Sir Run Run Shaw Hospital) - Ossifying fibroma
China (Huber Cancer Hospital) - Fibrous dysplasia, left mandible bone
Saudi Arabia (King Khalid University Hospital) - Desmoplastic fibroma, left mandible

DIAGNOSIS:

Giant Cell Reparative Granuloma, Mandible

(Director's Comment: Not all study set slides showed the giant cells.)

T-10180, M-44110

REFERENCES:

- Smith GA, et al. Giant Cell Lesions of the Facial Skeleton. *Arch Otolaryngol* 1978; 104 (4):186-190.
Hirschl IS, et al. Giant Cell Reparative Granuloma Outside the Jaw Bone. Diagnostic Criteria and Review of the Literature with the First Case Described in the Temporal Bone. *Hum Pathol* 1974; 5(2):171-181.
Sidhu MS, et al. Central Giant Cell Granuloma of Jaws—Review of 19 Cases. *Br J Oral Maxillofac Surg* 1995; 33(1):43-46.
Buresh CJ, et al. t(X;4)(q22;q31.3) in Giant Cell Reparative Granuloma (Letter). *Cancer Genet Cytogenet* 1999; 115(1):80-81.
Rajeevan NS, et al. Intralesional Corticosteroid Injection for Central Giant Cell Granuloma. A Case Report. *Int J Oral Maxillofac Surg* 1998; 27(4):303-304.
Gunhan M, et al. Estrogen and Progesterone Receptors in the Peripheral Giant Cell Granulomas of the Oral Cavity. *J Oral Sci* 1998; 40(2):57-60.

Orange (UCI Medical Center Residents) - Giant cell tumor of bone
Glendale (Glendale Path Assoc.) - Giant cell tumor of bone
Mountain View (El Camino Path Group) - Giant cell tumor of bone
San Diego (Naval Medical Center) - Giant cell tumor
Texas (Fort Worth) - Giant cell tumor of bone
Louisiana (River Ridge) - Giant cell tumor
Minnesota (Univ of Minnesota Golden Gopher Study Group) - Giant cell tumor
Wisconsin (Madison) - Giant cell tumor
Wisconsin (Middleton) - Giant cell tumor
Mississippi (Kings Daughters Medical Ctr) - Benign giant cell tumor
Michigan (Foote Hospital) - Giant cell tumor
Michigan (St. Mary's Hospital) - Giant cell tumor (2)
Kentucky (University of Louisville Residents) - Giant cell tumor of bone
Florida (Winter Haven) - Giant cell tumor
Texas (Ft. Worth) - Giant cell tumor
Texas (Darnall Army Community Hospital) - Giant cell tumor of bone
Texas (Lubbock) - Giant cell tumor
Florida (Monroe Regional Medical Center) - Giant cell tumor
Maryland (National Naval Medical Center) - Giant cell tumor
Pennsylvania (Conemaugh Memorial Hospital Residents) - Giant cell tumor
New York (Montefiore Medical Centre) - Giant cell tumor
Massachusetts (Longmeadow) - Benign giant cell tumor of bone
Massachusetts (Caritas Good Samaritan Medical Center) - Giant cell tumor of bone (2)
Canada, Alberta (Foothills Hospital) - Giant cell tumor of bone
Japan (Hamamatsu University School of Medicine) - Giant cell tumor
Japan (Kurashiki Medical School) - Giant cell tumor
China (Sir Run Run Shaw Hospital) - Giant cell tumor of bone
China (Huber Cancer Hospital) - Giant cell tumor, left femur
Saudi Arabia (King Khalid University Hospital) - Giant cell tumor of bone, left femur

DIAGNOSIS:

Giant Cell Tumor, Femur

T-11710, M-92501

REFERENCES:

Campanacci M, et al. Giant Cell Tumor of Bone. *J Bone Joint Surg Am* 1987; 69(1):106-114.
McDonald DJ, et al. Giant Cell Tumor of Bone. *J Bone Joint-Surg* 1986; 68(2):235-242.
Rock MG, et al. Metastases From Histologically Benign Giant Cell Tumor of Bone. *J Bone Joint Surg Am* 1984; 66(2):269-274.
O'Donnell RJ, et al. Recurrence of Giant-Cell Tumors of the Long Bones after Curettage and Packing with Cement. *J Bone Joint Surg Am* 1994; 76(12):1827-1833.

Orange (UCI Medical Center Residents) - Nodular fasciitis
Glendale (Glendale Path Assoc.) - Fibromatosis
Mountain View (El Camino Path Group) - Fibromatosis
San Diego (Naval Medical Center) - Fibromatosis
Texas (Fort Worth) - Desmoid tumor
Louisiana (River Ridge) - Leiomyoma
Minnesota (Univ of Minnesota Golden Gopher Study Group) - Fibromatosis
Wisconsin (Madison) - Extra-abdominal fibromatosis (desmoid tumor)
Wisconsin (Middleton) - Fibromatosis
Mississippi (Kings Daughters Medical Ctr) - Neurofibroma
Michigan (Foote Hospital) - Nodular fasciitis
Michigan (St. Mary's Hospital) - Desmoid tumor (1); Extra-abdominal desmoid
Kentucky (University of Louisville Residents) - Nodular fasciitis
Florida (Winter Haven) - Fibromatosis
Texas (Ft. Worth) - Desmoid, extra-abdominal
Texas (Darnall Army Community Hospital) - Nodular fasciitis
Texas (Lubbock) - Desmoid tumor
Florida (Monroe Regional Medical Center) - Fibromatosis
Maryland (National Naval Medical Center) - Nodular fasciitis (4); Myofibroblastoma (3)
Pennsylvania (Conemaugh Memorial Hospital Residents) - Extra-abdominal desmoid/fibrous hamartoma
New York (Montefiore Medical Centre) - Nodular fasciitis
Massachusetts (Longmeadow) - Fibromatosis (extra abdominal desmoid)
Massachusetts (Caritas Good Samaritan Medical Center) - Aggressive fibromatosis (1); Fibromatosis (1)
Canada, Alberta (Foothills Hospital) - Nodular fasciitis
Japan (Hamamatsu University School of Medicine) - Fibromatosis
Japan (Kurashiki Medical School) - Fibromatosis, desmoid type
China (Sir Run Run Shaw Hospital) - Nodular fasciitis
China (Huber Cancer Hospital) - Solitary neurofibroma
Saudi Arabia (King Khalid University Hospital) - Nodular fasciitis, left axilla

DIAGNOSIS:

Fibromatosis (Extra-Abdominal Desmoid), Axilla

T-Y8100, M-76100

REFERENCES:

- Li M, et al. Desmoid Fibromatosis is a Clonal Process. *Hum Pathol* 1996; 27(9):939-943.
Allen PW, et al. The Fibromatoses. A Clinicopathologic Classification Based on 140 Cases. *Am J Surg Pathol* 1977; 1(3):255-270.
Posner MC, et al. The Desmoid Tumor. Not a Benign Disease. *Arch Surg* 1989; 124(2):191-196.
Bridge JA, et al. Clonal Chromosomal Abnormalities and Desmoid Tumors. Implication for Histopathogenesis. *Cancer* 1992; 69(2):430-436.

Orange (UCI Medical Center Residents) - Leiomyoma with symplastic nuclear features (4); Atypical leiomyoma (4)

Glendale (Glendale Path Assoc.) - Leiomyoma

Mountain View (El Camino Path Group) - Leiomyoma

San Diego (Naval Medical Center) - Symplastic leiomyoma

Texas (Fort Worth) - Leiomyosarcoma

Louisiana (River Ridge) - Leiomyoma

Minnesota (Univ of Minnesota Golden Gopher Study Group) - Hyalinized leiomyoma (symplastic leiomyoma)

Wisconsin (Madison) - Myofibroblastoma

Wisconsin (Middleton) - Nodular peritesticular fibrosis

Mississippi (Kings Daughters Medical Ctr) - Neurofibroma

Michigan (Foote Hospital) - Symplastic leiomyoma

Michigan (St. Mary's Hospital) - Leiomyoma (1); Subcutaneous leiomyoma (1)

Kentucky (University of Louisville Residents) - Leiomyoma

Florida (Winter Haven) - Leiomyoma

Texas (Ft. Worth) - Leiomyoma with degenerative nuclear atypia (pleomorphic leiomyoma)

Texas (Darnall Army Community Hospital) - Leiomyosarcoma

Texas (Lubbock) - Epidermal inclusion cyst

Florida (Monroe Regional Medical Center) - Granular cell tumor

Maryland (National Naval Medical Center) - Leiomyosarcoma (6)

Pennsylvania (Conemaugh Memorial Hospital Residents) - Adenomatoid tumor

New York (Montefiore Medical Centre) - Bizarre leiomyoma of Dartos (1); Leiomyosarcoma (3)

Massachusetts (Longmeadow) - Leiomyoma scrotum with symplastic nuclear features

Massachusetts (Caritas Good Samaritan Medical Center) - Atypical leiomyoma/leiomyosarcoma, low grade (2)

Canada, Alberta (Foothills Hospital) - Bizarre leiomyoma

Japan (Hamamatsu University School of Medicine) - Leiomyoma

Japan (Kurashiki Medical School) - Leiomyoma

China (Sir Run Run Shaw Hospital) - Leiomyoma

China (Huber Cancer Hospital) - Leiomyosarcoma

Saudi Arabia (King Khalid University Hospital) - Symplastic leiomyoma, scrotum

DIAGNOSIS:

Symplastic Leiomyoma ("Bizarre Leiomyoma"), Scrotum

T-79400, M-88900

REFERENCES:

De Rosa G, et al. Symplastic Leiomyoma of the Scrotum. A Case Report. *Pathologica* 1996; 88(1):55-57.

Nishiyama N, et al. (A Case of Bizarre Leiomyoma of the Scrotum.) *Hinyokika Kyo* 1987; 33(6):961-963.

Das AK, et al. Pedunculated Scrotal Mass. Leiomyoma of Scrotum. *Urol* 1992; 39(4):376-379.

Downes KA, et al. Bizarre Leiomyomas of the Uterus. A Comprehensive Pathologic Study of 24 Cases with Long-Term Follow-Up. *Am J Surg Pathol* 1997; 21(11):1261-1270.

Ozisk YY, et al. Cytogenetic Findings in a Symplastic Leiomyoma (Letter). *Cancer Genet Cytogenet* 1993; 67(1):79-80.

Orange (UCI Medical Center Residents) - Adenocarcinoma with neuroendocrine features
Glendale (Glendale Path Assoc.) - Composite adenocarcinoma – carcinoid (adenocarcinoma)
Mountain View (El Camino Path Group) - Adenocarcinoma and neuroendocrine carcinoma
San Diego (Naval Medical Center) - Poorly differentiated adenocarcinoma
Texas (Fort Worth) - Adenocarcinoma with carcinoid features
Louisiana (River Ridge) - Poorly differentiated adenocarcinoma
Minnesota (Univ of Minnesota Golden Gopher Study Group) - Adenocarcinoma with signet ring features
Wisconsin (Madison) - Adenocarcinoma, intestinal type
Wisconsin (Middleton) - Poorly differentiated adenocarcinoma
Mississippi (Kings Daughters Medical Ctr) - Poorly differentiated adenocarcinoma
Michigan (Foote Hospital) - Mixed carcinoid--Adenocarcinoma
Michigan (St. Mary's Hospital) - Adenocarcinoma with signet ring features (1); Adenocarcinoma, poorly differentiated (1)
Kentucky (University of Louisville Residents) - Mixed diffuse and intestinal type adenocarcinoma
Florida (Winter Haven) - Signet cell adenocarcinoma
Texas (Ft. Worth) - Poorly differentiated adenocarcinoma
Texas (Darnall Army Community Hospital) - Composite gastric adenocarcinoma with atypical carcinoid
Texas (Lubbock) - Adenocarcinoma
Florida (Monroe Regional Medical Center) - Gastric carcinoid with mucinous differentiation
Maryland (National Naval Medical Center) - Adenocarcinoma
Pennsylvania (Conemaugh Memorial Hospital Residents) - Collision tumor/adenocarcinoma and high grade
 ?/composite gastric adenocarcinoma and poorly differentiated carcinoid
New York (Montefiore Medical Centre) - Poorly differentiated adenocarcinoma, r/o metastasis from breast before accepting it as a primary
Massachusetts (Longmeadow) - Poorly differentiated adenocarcinoma, stomach
Massachusetts (Caritas Good Samaritan Medical Center) - Adenocarcinoma with areas of neuroendocrine carcinoma (1); Gastric adenocarcinoma combined with plasma cell tumor (1)
Canada, Alberta (Foothills Hospital) - Collision tumor. Colloid adenocarcinoma and poorly differentiated carcinoma (lobular carcinoma)
Japan (Hamamatsu University School of Medicine) - Poorly differentiated adenocarcinoma
Japan (Kurashiki Medical School) - Adenocarcinoma, combined mucinous and signet-ring cell
China (Sir Run Run Shaw Hospital) - Adenocarcinoma
China (Huber Cancer Hospital) - Mixed glandular-endocrine cell carcinoma
Saudi Arabia (King Khalid University Hospital) - Adenocarcinoma with focal neuroendocrine differentiation (adenocarcinoid), stomach

DIAGNOSIS:**Adenocarcinoma, Stomach**

T-63000, M-81403

REFERENCES:

- Oertli D, et al. (Results Following Resection in Early Stomach Carcinoma.) *Dtsch Med Wochenschr* 1994; 15:119(15):539-543.
 Michelassi F, et al. Analysis of Clinicopathologic Prognostic Features in Patients with Gastric Adenocarcinoma. *Surg* 1994; 116(4):804-809.
 Soeide JA, et al. Surgical Aspects of Patients with Adenocarcinoma of the Stomach Operated On For the Cure. *Arch Surg* 1996; 131(5):481-486.
 Ishigami S, et al. Carcinomatous Lymphatic Invasion in Early Gastric Cancer Invading Into the Submucosa. *Ann Surg Oncol* 1999; 6(3):286-289.
 Luinetti O, et al. Genetic Pattern, Histological Structure and Cellular Phenotype in Early and Advanced Gastric Cancers Evidence for Structure-Related Genetic Subsets and For Loss of Glandular Structure During Progression of Some Tumors. *Hum Pathol* 1998; 29(7):702-709.

Orange (UCI Medical Center Residents) - Gastrointestinal stromal tumor
Glendale (Glendale Path Assoc.) - GIST
Mountain View (El Camino Path Group) - GI stromal tumor
San Diego (Naval Medical Center) - Benign gastrointestinal stromal tumor
Texas (Fort Worth) - Gastrointestinal stromal tumor
Louisiana (River Ridge) - Gastrointestinal stromal tumor
Minnesota (Univ of Minnesota Golden Gopher Study Group) - Malignant GIST vs. gastrointestinal stromal tumor, borderline
Wisconsin (Madison) - Gastrointestinal stromal tumor of uncertain malignant potential (probably benign)
Wisconsin (Middleton) - Gastrointestinal stromal tumor
Mississippi (Kings Daughters Medical Ctr) - Gastrointestinal stromal tumor
Michigan (Foote Hospital) - Benign gastrointestinal stromal tumor
Michigan (St. Mary's Hospital) - GIST (1); Gastrointestinal stromal tumor (1)
Kentucky (University of Louisville Residents) - GIST (gastrointestinal stromal tumor) – uncertain malignant potential
Florida (Winter Haven) - Benign epithelioid GIST
Texas (Ft. Worth) - Gastrointestinal stromal tumor – malignant
Texas (Darnall Army Community Hospital) - Schwannoma
Texas (Lubbock) - Low grade stromal sarcoma
Florida (Monroe Regional Medical Center) - Hemangioma favor a glomangiomyoma
Maryland (National Naval Medical Center) - Gastrointestinal stromal tumor
Pennsylvania (Conemaugh Memorial Hospital Residents) - GIST, malignant
New York (Montefiore Medical Centre) - GIST (gastrointestinal stromal tumor), probably benign
Massachusetts (Longmeadow) - GIST of small bowel with smooth muscle differentiation, low grade malignancy
Massachusetts (Caritas Good Samaritan Medical Center) - Gastrointestinal stromal tumor (1); GIST and PNST combined (1)
Canada, Alberta (Foothills Hospital) - Gastrointestinal stromal tumor, malignant
Japan (Hamamatsu University School of Medicine) - GIST, borderline malignancy
Japan (Kurashiki Medical School) - GIST, intermediate-grade
China (Sir Run Run Shaw Hospital) - Gastrointestinal stromal tumor
China (Huber Cancer Hospital) - Benign epithelioid cell stromal tumor, small bowel
Saudi Arabia (King Khalid University Hospital) - Small intestinal stromal tumor, small bowel

DIAGNOSIS:**Gastrointestinal Stromal Tumor (GIST), Small Bowel**

T-64000, M-88903

REFERENCES:

- Spivach A, et al. (Stromal Tumors of the Small Intestine (GIST) Prognostic Differences based on Clinical, Morphological and Immunophenotypic Features). *Minerva Chir* 1999; 54(10):717-724.
- Brainard JA, et al. Stromal Tumors of the Jejunum and Ileum. A Clinicopathologic Study of 39 Cases. *Am J Surg Pathol* 1997; 21(4):407-416.
- Tazawa K, et al. An Immunohistochemical And Clinicopathological Study of Gastrointestinal Stromal Tumors. *Pathol Int* 1999; 49(9):786-798.
- Lev D, et al. Gastrointestinal Stromal Sarcomas. *Br J Surg* 1999; 86(4):545-549.
- Emory TS, et al. Prognosis of Gastrointestinal Smooth-Muscle (Stromal) Tumors. Dependence on Anatomic Site. *Am J Surg Pathol* 1999 23(1):82-87.
- Robey-Cafferty SS, et al. Anaplastic and Sarcomatoid Carcinoma of the Small Intestine. A Clinicopathologic Study. *Hum Pathol* 1989; 20(9):858-863.

Orange (UCI Medical Center Residents) - Fibrolipoma
Glendale (Glendale Path Assoc.) - Intramuscular lipoma
Mountain View (El Camino Path Group) - Fibromyxolipoma
San Diego (Naval Medical Center) - Spindle cell lipoma (9); Atypical lipomatous tumor (2)
Texas (Fort Worth) - Fibro-myolipoma
Louisiana (River Ridge) - Liposarcoma (well-differentiated type)
Minnesota (Univ of Minnesota Golden Gopher Study Group) - Spindle cell lipoma
Wisconsin (Madison) - Fibrolipoma
Wisconsin (Middleton) - Fibrolipoma
Mississippi (Kings Daughters Medical Ctr) - Lipofibromatous hamartoma
Michigan (Foote Hospital) - Lipoma
Michigan (St. Mary's Hospital) - Fibrolipoma (1); Lipoma (1)
Kentucky (University of Louisville Residents) - Benign angioma (cavernous or "sinusoidal" type) or superficial ? hemangioma
Florida (Winter Haven) - Infiltrating lipoma
Texas (Ft. Worth) - Fibrolipoma
Texas (Darnall Army Community Hospital) - Myolipoma
Texas (Lubbock) - Atypical lipoma
Florida (Monroe Regional Medical Center) - Intramuscular lipoma
Maryland (National Naval Medical Center) - Fibrolipoma (6); Spindle lipoma (1)
Pennsylvania (Conemaugh Memorial Hospital Residents) - Fibrolipoma
New York (Montefiore Medical Centre) - Fibrolipoma
Massachusetts (Longmeadow) - Lipoma, thumb
Massachusetts (Caritas Good Samaritan Medical Center) - Fibromyxolipoma (1); Angiomyxolipoma (1)
Canada, Alberta (Foothills Hospital) - Fibrolipoma
Japan (Hamamatsu University School of Medicine) - Lipoma
Japan (Kurashiki Medical School) - Fibrolipoma with myxoid change
China (Sir Run Run Shaw Hospital) - Fibrolipoma, spindle cell lipoma
China (Huber Cancer Hospital) - Fibrolipoma, right thumb
Saudi Arabia (King Khalid University Hospital) - Fibrolipoma, right thumb

DIAGNOSIS:

Atypical Lipoma ("Atypical Lipomatous Tumor"), Thumb
T-Y8810, M-88500

REFERENCES:

- Rosai J, et al. Combined Morphologic and Karyotypic Study of 59 Atypical Lipomatous Tumors. Evaluation of Their Relationship and Differential Diagnosis With Other Adipose Tissue Tumors. (A Report of the CHAMP Study Group). *Am J Surg Pathol* 1996; 20(10):1182-1189.
- Suster S, et al. Immunoreactivity for the Human Hematopoietic Progenitor Cell Antigen (CD-34) in Lipomatous Tumors. *Am J Surg Pathol* 1997; 21(2):195-200.
- Weiss SW, et al. Lipomatous Tumors. *Monogr Pathol* 1996; 38:207-239.
- Weiss SW, et al. Well-Differentiated Liposarcoma (Atypical Lipoma) of Deep Soft Tissue of the Extremities, Retroperitoneum, and miscellaneous Sites. A Follow-Up Study of 92 Cases With Analysis of the Incidence of "Dedifferentiation". *Am J Surg Pathol* 1992; 16(11):1051-1058.

Orange (UCI Medical Center Residents) - Ganglion cyst
Glendale (Glendale Path Assoc.) - Eosinophilic fasciitis
Mountain View (El Camino Path Group) - Lipoma with fat necrosis
San Diego (Naval Medical Center) - Ganglion cyst
Texas (Fort Worth) - Ganglion cyst
Louisiana (River Ridge) - Fat necrosis with associated chronic inflammation
Minnesota (Univ of Minnesota Golden Gopher Study Group) - Ganglion cyst
Wisconsin (Madison) - Ganglion cyst
Wisconsin (Middleton) - Ganglion cyst
Mississippi (Kings Daughters Medical Ctr) - Low grade liposarcoma
Michigan (Foote Hospital) - Nodular fasciitis
Michigan (St. Mary's Hospital) - Lipoma (1); Fat necrosis (1)
Kentucky (University of Louisville Residents) - Reactive synovitis, secondary to joint "mice"
Florida (Winter Haven) - Inflammation, fat necrosis, repair
Texas (Ft. Worth) - Ganglion cyst
Texas (Darnall Army Community Hospital) - Atypical lipoma
Texas (Lubbock) - Fat necrosis
Florida (Monroe Regional Medical Center) - Intraosseous ganglion
Maryland (National Naval Medical Center) - Ganglion cyst
Pennsylvania (Conemaugh Memorial Hospital Residents) - Infected ganglion cyst
New York (Montefiore Medical Centre) - Ganglion and cystic fat necrosis
Massachusetts (Longmeadow) - Ganglion
Massachusetts (Caritas Good Samaritan Medical Center) - Fibrolipoma with areas of fat necrosis (1); Myelolipoma (1)
Canada, Alberta (Foothills Hospital) - Eosinophilic fasciitis/panniculitis
Japan (Hamamatsu University School of Medicine) - Ganglion cyst
Japan (Kurashiki Medical School) - Ganglion cyst
China (Sir Run Run Shaw Hospital) - Synovial cyst; hibernoma
China (Huber Cancer Hospital) - Cystic nodular fasciitis
Saudi Arabia (King Khalid University Hospital) - Fat necrosis, left shoulder

DIAGNOSIS:

Lipoma With Fat Necrosis, Shoulder

T-Y1220, M-88500

(Directors Comment: This case lacks the atypical, hyperchromatic cells that were present in Case 7, atypical lipoma.)

REFERENCES:

Hurt MA, et al. Nodular-Cystic Fat Necrosis. A Reevaluation of the So-Called Mobile Encapsulated Lipoma. *J Am Acad Dermatol* 1989; 21(3 Pt 1):493-498.
Henning DC, et al. Perivesical Fat Necrosis Simulating Neoplasm. *J Urol* 1970; 104(1):102-103.

Orange (UCI Medical Center Residents) - Renal cell carcinoma (multicystic multilocular cystic)
Glendale (Glendale Path Assoc.) - Chromophobe cell carcinoma
Mountain View (El Camino Path Group) - Multicystic renal cell carcinoma, low grade
San Diego (Naval Medical Center) - Renal cell carcinoma
Texas (Fort Worth) - Renal cell carcinoma
Louisiana (River Ridge) - Renal cell carcinoma
Minnesota (Univ of Minnesota Golden Gopher Study Group) - Collecting duct carcinoma
Wisconsin (Madison) - Multilocular cystic renal cell carcinoma
Wisconsin (Middleton) - Renal cell carcinoma
Mississippi (Kings Daughters Medical Ctr) - Cystic differentiated nephroblastoma
Michigan (Foote Hospital) - Cystic partially differentiated nephroblastoma
Michigan (St. Mary's Hospital) - Cystic nephroma (2)
Kentucky (University of Louisville Residents) - Cystic renal cell carcinoma
Florida (Winter Haven) - Adenoma
Texas (Ft. Worth) - Renal collecting duct carcinoma
Texas (Darnall Army Community Hospital) - Multilocular cystic renal cell carcinoma
Texas (Lubbock) - Papillary carcinoma, clear cell type
Florida (Monroe Regional Medical Center) - Cystic renal cell carcinoma
Maryland (National Naval Medical Center) - Renal cell carcinoma
Pennsylvania (Conemaugh Memorial Hospital Residents) - Multilocular cyst, kidney (cystic nephroma with papillary hyperplasia)
New York (Montefiore Medical Centre) - Multilocular cystic renal cell carcinoma
Massachusetts (Longmeadow) - Multilocular renal cell carcinoma
Massachusetts (Caritas Good Samaritan Medical Center) - Adult nephroblastoma (1); Renal cell carcinoma, collecting duct type (1)
Canada, Alberta (Foothills Hospital) - Collecting duct carcinoma
Japan (Hamamatsu University School of Medicine) - Renal cortical adenoma
Japan (Kurashiki Medical School) - Clear cell carcinoma, cystic
China (Sir Run Run Shaw Hospital) - Renal cell carcinoma, collecting duct type
China (Huber Cancer Hospital) - Renal cell carcinoma, collecting duct type
Saudi Arabia (King Khalid University Hospital) - Renal cell carcinoma, right kidney

DIAGNOSIS:

Multilocular Cystic Renal Cell Carcinoma, Kidney

T-71000, M-83123

REFERENCES:

- Gardner KD, et al. Acquired Renal Cystic Disease and Renal Cell Adenocarcinoma in Patients on Long Term Hemodialysis. *N Engl J Med* 1984; 310(6):390.
Yoshida SO, et al. Proximal Renal Tubular Surface Membrane Antigens Identified in Primary and Metastatic Renal Cell Carcinoma. *Arch Pathol Lab Med* 1986; 110(9):825-832.
Sherman Me, et al. Multilocular Renal Cyst. A Hamartoma with Potential for Neoplastic Transformation? *Arch Pathol Lab Med* 1987; 111(8):732-736.
Corica FA, et al. Cystic Renal Cell Carcinoma is Cured by Resection. A Study of 24 Cases with Long-Term Followup. *J Urol* 1999; 161(2):408-411.

Orange (UCI Medical Center Residents) - Hemangiopericytoma, low grade
Glendale (Glendale Path Assoc.) - Hemangioma
Mountain View (El Camino Path Group) - Hemangiopericytoma
San Diego (Naval Medical Center) - Epithelioid hemangioendothelioma (9); Cellular angiolipoma (2)
Texas (Fort Worth) - Hemangiopericytoma
Louisiana (River Ridge) - Kaposi's sarcoma
Minnesota (Univ of Minnesota Golden Gopher Study Group) - Spindle cell epithelioid hemangioendothelioma
Wisconsin (Madison) - Juvenile form of capillary hemangioma
Wisconsin (Middleton) - Kaposiform hemangioendothelioma
Mississippi (Kings Daughters Medical Ctr) - Hemangiopericytoma
Michigan (Foote Hospital) - Hemangiopericytoma
Michigan (St. Mary's Hospital) - Hemangiopericytoma (2)
Kentucky (University of Louisville Residents) - Paraspinal angiolipoma
Florida (Winter Haven) - Hemangiopericytoma
Texas (Ft. Worth) - Malignant hemangiopericytoma
Texas (Darnall Army Community Hospital) - Lipomatous hemangiopericytoma
Texas (Lubbock) - Hemangioendothelioma
Florida (Monroe Regional Medical Center) - Kaposi's sarcoma
Maryland (National Naval Medical Center) - Angiolipoma
Pennsylvania (Conemaugh Memorial Hospital Residents) - Angiosarcoma, Kaposi-like
New York (Montefiore Medical Centre) - Spindle cell hemangioma (3); spindle cell hemangioendothelioma
Massachusetts (Longmeadow) - Solitary fibrous tumor, mediastinum
Massachusetts (Caritas Good Samaritan Medical Center) - Thymoma with hemangioendothelial features (1);
Malignant peripheral nerve sheath tumor (MPNST) (1)
Canada, Alberta (Foothills Hospital) - Hemangiopericytoma
Japan (Hamamatsu University School of Medicine) - Interstitial reticulum cell sarcoma
Japan (Kurashiki Medical School) - Spindle cell hemangioendothelioma
China (Sir Run Run Shaw Hospital) - Hemangioma, angiolipoma
China (Huber Cancer Hospital) - Hemangiopericytoma, intermediate grade, mediastinum
Saudi Arabia (King Khalid University Hospital) - Hemangioendothelioma

DIAGNOSIS:

Hemangiopericytoma, Mediastinum

T-Y2300, M-91501

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