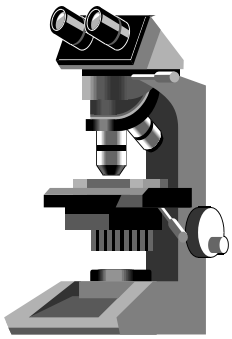
CALIFORNIA
TUMOR TISSUE REGISTRY



GENERAL PATHOLOGY

Minutes – Subscription B

October, 1999

SUGGESTED READING (General Topics from Recent Literature):

Documentation of EWS Gene Rearrangements by Florescence In-Situ Hybridization (FISH) in Frozen Sections of Ewing's Sarcoma-Peripheral Primitive Neuroectodermal Tumor. Monforte-Munoz H, et al. *Am J Surg Pathol* 1999 23(3):309-315.

Do the Level of Nodal Disease According to the TNM Classification and the Number of Involved Cervical Nodes Reflect Prognosis in Patients with Differentiated Carcinoma of the Thyroid Gland? Soto, N, et al. *J of Surg Oncol* 1998;69:151-155.

Time Trends in Distal Colorectal Cancer Subsite Location Related to Age and How It Affects Choice of Screening Modality. Nelson RL, et al. *J of Surg Oncol* 1998;69:235-238.

Detection of Occult Metastases in Lung Carcinomas. Progress and Implications for Lung Cancer Staging. Cote RJ, et al. *J of Surg Oncol* 1998;69:265-274.

Pathologic Prognostic Factors in Barrett's-Associated Adenocarcinoma. A Follow-Up Study of 96 Patients. Turner, Torres TC, et al. *Cancer* 1999; 85 (February 1):520-528.

Role of Immunohistochemical Detection of Lymph-Node Metastases in Management of Breast Cancer. Cote RJ, Peterson HF, et al. *Lancet* 1999; 354 (September 11):896-900.

California Tumor Tissue Registry
c/o: Department of Pathology and Human Anatomy
Loma Linda University School of Medicine
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Case No. 1, Accession No. 28678 **October 1999**

Glendale - Chorangioma
Mountain View (El Camino Path Grp) - Chorangioma (with associated erythroblastosis)
Orange (UCI Medical Center Residents) - Chorangioma with extramedullary hematopoiesis; Bivascular umbilical cord
San Diego (National Medical Center) - Placental hemangioma (8); Chorangioma (1)
Nevada (Henderson) - Chorangioma
Washington (Longview) - Chorangioma
Texas (Fair Oaks Ranch) - Chorangioma
Wisconsin (Madison) - Hemangioma of the placenta (chorangioma)
Wisconsin (Muskego) - Placental hemangioma
Minnesota (Golden Gopher Study Group) - Chorangioma
Michigan (St. Mary's Hospital) - Chorangioma (2)
Kentucky (University of Louisville Residents) - Chorangioma
Texas (Lubbock) - Chorangioma
Texas (Propath Associates) -Chorangioma (2)
Louisiana (River Ridge) - Placental hemangioma
Mississipi (Brookhaven) - Chorangioma
Florida (Winter Haven) - Chorangioma, 2 vessel cord
Florida (Munroe Regional Medical Ctr) - Chorangioma
Kentucky (Lexington) - Chorangioma
Maryland (National Naval Medical Center) - Chorangioma
Maryland (University of Maryland) - Chorangioma
Pennsylvania (AGH Group) - Chorangioma
Pennsylvania (Conemaugh Memorial Hospital) - Chorangioma
New York (East Meadow) - Chorangioma
New York (N.Y.) - Chorangioma, placenta
Massachusetts (Medfield) - Chorangioma
Massachusetts (Longmeadow) - Hemangioma, placenta
Canada (Foothills Hospital) - Chorangioma, umblical cord and ? single artery
Japan (Hamamatsu University School of Medicine) - Hemangioma
Japan (Shimada City) - Chorangioma
Saudi Arabia (King Khalid University Hospital) - Chorangioma and a single artery umbilical cord

DIAGNOSIS:

Chorangioma ("Placental Hemangioma")
T88100,M91200

REFERENCES:

Cash JB, et al. Placental Chorioangioma. Presentation of a Case with Electron-Microscopic and Immunochemical Studies. *Am J Surg Pathol* 1980; 4(1):87-92.
Wallenburg HCS. Chorioangioma of the Placenta. Thirteen New Cases and a Review of the Literature from 1939-1970 with Special Reference to the Clinical Complications. *Obstet Gynecol Surv* 1971; 26(6):411-425.
Ornoy A, et al. Pathological Features of the Placenta in Fetal Deaths. *Arch Pathol Lab Med* 1976; 100(7):367-371.

Case No. 2, Accession No. 28353 **October 1999**

Glendale - Serous cystadenofibroma
Mountain View (El Camino Path Grp) - Serous cystadenofibroma
Orange (UCI Medical Center Residents) - Atypical adenofibroma
San Diego (National Medical Center) - Benign serous cystadenoma with endometriosis (6); Endometriosis (3)
Nevada (Henderson) - Borderline serous tumor (?mesonephric origin)
Washington (Longview) - Endometriosis
Texas (Fair Oaks Ranch) - Serous cystadenofibroma
Wisconsin (Madison) - Serous cystadenofibroma
Wisconsin (Muskego) - Serous cystadenoma
Minnesota (Golden Gopher Study Group) - Serous cystadenofibroma
Michigan (St. Mary's Hospital) - Serous cystadenofibroma (2)
Kentucky (University of Louisville Residents) - Benign serous cystadenofibroma or serous cystadenoma
Texas (Lubbock) - Serous cystadenofibroma
Texas (Propath Associates) -Adenomyoma (2)
Louisiana (River Ridge) - (Paraovarian) cystadenofibroma
Mississipi (Brookhaven) - Endometriosis
Florida (Winter Haven) - Endosalpingosis
Florida (Munroe Regional Medical Ctr) - Adenofibroma
Kentucky (Lexington) - Serous adenofibroma
Maryland (National Naval Medical Center) - Serous cyst adenofibroma
Maryland (University of Maryland) - Endometriod adenofibroma
Pennsylvania (AGH Group) - Cystic endosalpingosis
Pennsylvania (Conemaugh Memorial Hospital) - Borderline serous cystadenoma/endometrioid adenofibroma
New York (East Meadow) - Cystadenofibroma
New York (N.Y.) - Carcinoma of fallopian tube
Massachusetts (Medfield) - Endometrioid cystadenofibroma
Massachusetts (Longmeadow) - Endometriod cystadenofibroma, ovary
Canada (Foothills Hospital) - Endosalpingosis cyst
Japan (Hamamatsu University School of Medicine) - Serous tumor, borderline malignant
Japan (Shimada City) - Serous cystadenofibroma
Saudi Arabia (King Khalid University Hospital) - Cystadenofibroma, ovary

DIAGNOSIS:

Serous Cystadenofibroma with Focal Atypia, Mesosalpinx (See Outside Consultation)
T86320,M90140

Outside Consultation: Robert H. Young, M.D., Massachusetts General Hospital. "Serous Cystadenofibroma with Focal Moderate Cytologic Atypia."

REFERENCES:
Kao CF, et al. Cystadenofibromas of the Ovary with Epithelial Atypia. *Am J Surg Pathol* 1978; 2(4):357-363.
Katzenstein AL, et al. Proliferative Serous Tumors of the Ovary. *Am J Surg Pathol* 1978; 2:339-355.
Foyle A, et al. Papillary Peritoneal Tumors in Women. *Am J Surg Pathol* 1981; 5:241-250.
d'Ablaing G 3d, et al. Broad Ligament Serous Tumor of Low Malignant Potential. *J Gynecol Pathol* 1983; 2(1) 93-99.

Glendale - Oncocytic renal cell carcinoma
Mountain View (El Camino Path Grp) - Renal cell carcinoma with oncocytic granular cell features
Orange (UCI Medical Center Residents) - Renal cell carcinoma (3); Oncocytoma (3)
San Diego (National Medical Center) - Renal cell carcinoma, granular cell variant Fuhrman, grade III (9)
Nevada (Henderson) - Oncocytoma with moderate dysplasia
Washington (Longview) - Renal cell carcinoma, chromophobe cell type
Texas (Fair Oaks Ranch) - Oncocytoma, consider Halle's collidal iron or alcian blue with low molecular keratin, vimentin to r/o chromophobe RCC or chromophilic RCC
Wisconsin (Madison) - Chromophobe renal carcinoma
Wisconsin (Muskego) - Renal oncocytoma
Minnesota (Golden Gopher Study Group) - Renal cell carcinoma, granular cell type, (Grade III/IV)
Michigan (St. Mary's Hospital) - Oncocytoma (2)
Kentucky (University of Louisville Residents) - Oncocytoma (Minority); Eosinophilic variant of chromophobe cell carcinoma (nuclear grade III) (majority)
Texas (Lubbock) - Oncocytoma
Texas (Propath Associates) -Oncocytoma (2)
Louisiana (River Ridge) - Renal cell carcinoma (chromophilic type)
Mississipi (Brookhaven) - Oncocytoma
Florida (Winter Haven) - Renal carcinoma, granular cell type
Florida (Munroe Regional Medical Ctr) - Renal cell carcinoma probable chromophobe type
Kentucky (Lexington) - Oncocytoma
Maryland (National Naval Medical Center) - Oncocytoma (5); Oncocytic renal cell carcinoma (5); RCC (chromophobe type) (5)
Maryland (University of Maryland) - Oncocytoma
Pennsylvania (AGH Group) - Oncocytoma
Pennsylvania (Conemaugh Memorial Hospital) - Oncocytoma, kidney
New York (East Meadow) - Oncocytoma
New York (N.Y.) - Oncocytoma, kidney
Massachusetts (Medfield) - Renal cell carcinoma (oncocytic variant)
Massachusetts (Longmeadow) - Oncocytoma, kidney
Canada (Foothills Hospital) - Renal oncocytoma (A central "scar" would be expected on gross exam)
Japan (Hamamatsu University School of Medicine) - Oncocytoma
Japan (Shimada City) - Oncocytoma
Saudi Arabia (King Khalid University Hospital) - Renal oncocytoma

DIAGNOSIS:

Oncocytoma, Kidney
T71000,M82900

REFERENCES:

Storkel S, et al. Morphological Classification of Renal Cancer. *World J Urol* 1995; 13(3):153-158.
Eble JN, et al. Morphologic Features of Renal Oncocytoma. A Light and Electron Microscopic Study. *Hum Pathol* 1984; 15(11):1054-1061.
Cohen C. Histogenesis of Renal Cell Carcinoma and Renal Oncocytoma. An Immunohistochemical Study. *Cancer* 1988; 62(9):1946-1951.
Thoenes W, et al. Histopathology and Classification of Renal Cell Tumors. (Adenomas, Oncocytomas and Carcinomas). The Basic Cytological and Histopathological Elements and Their Use for Diagnostics. *Pathol Res Pract* 1986; 181(2):125-143.
van der Walt JD, et al. Renal Oncocytoma. A Review of the Literature and Report of an Unusual Multicentric Cases. *Vircows Arch A (Pathol Anat Histopathol*) 1983; 398(3):291-304.

Glendale - Fibromatosis
Mountain View (El Camino Path Grp) - Fibromatosis (desmoid tumor)
Orange (UCI Medical Center Residents) - Intra-abdominal fibromatosis
San Diego (National Medical Center) - Intra-abdominal desmoid tumor/fibromatosis (9)
Nevada (Henderson) - Fibromatosis
Washington (Longview) - Intra-abdominal desmoid
Texas (Fair Oaks Ranch) - Fibromatosis
Wisconsin (Madison) - Fibromatosis
Wisconsin (Muskego) - Neurofibroma
Minnesota (Golden Gopher Study Group) - Abdominal fibromatosis
Michigan (St. Mary's Hospital) - Extra abdominal desmoid (1); Desmoid tumor (1)
Kentucky (University of Louisville Residents) - Desmoid tumor (fibromatosis)
Texas (Lubbock) - Desmoid tumor
Texas (Propath Associates) -Desmoid tumor, mesentery (2)
Louisiana (River Ridge) - Fibromatosis
Mississipi (Brookhaven) - Mesenteric fibromatosis
Florida (Winter Haven) - Fibroma
Florida (Munroe Regional Medical Ctr) - Desmoid tumor
Kentucky (Lexington) - Fibromatosis
Maryland (National Naval Medical Center) - Intra-abdominal fibromatosis (desmoid)
Maryland (University of Maryland) - Fibromatosis
Pennsylvania (AGH Group) - Fibromatosis
Pennsylvania (Conemaugh Memorial Hospital) - Fibromatosis, mesentery (Gardner syndrome)
New York (East Meadow) - Schwannoma
New York (N.Y.) - Mesentery fibromatosis
Massachusetts (Medfield) - Idiopathic fibrosis with focal myxoid features
Massachusetts (Longmeadow) - Neurofibroma, mesentery
Canada (Foothills Hospital) - G.I.S.T nuclear pattern suggest neural origin
Japan (Hamamatsu University School of Medicine) - Intra-abdominal desmoid
Japan (Shimada City) - Mesenteric desmoid
Saudi Arabia (King Khalid University Hospital) - Intra-abdominal desmoid tumor, mesentery

DIAGNOSIS:

Mesenteric Fibromatosis , Abdomen (R/O Gardner's Syndrome)
TY4100,M76100

REFERENCES:

Clarke TJ. Ltr To the Editor. Intra-Abdominal Fibromatosis in Polyposis Coli Syndrome. *Am J Surg Pathol* 1991; 15(4):413.
Allen PW, et al. Part I. The Fibromatoses. A Clinicopathologic Classification Based on 140 Cases. *Am J Surg Pathol* 1977; 1(3):255-270.
Burke AP, et al. Intra-Abdominal Fibromatosis. A Pathologic Analysis of 130 Tumors with Comparison of Clinical Subgroups. *Am J Surg Pathol* 1990; 14(4):335-341.
Bridge JA, et al. Clonal Chromosomal Abnormalities and Desmoid Tumors. Implication for Histopathogenesis. *Cancer* 1992; 69(2):430-436.
Oshiro Y, et al. Fibrosarcoma vs. Fibromatoses and Cellular Nodular Fasciitis. A Comparative Study of Their Proliferative Activity Using Proliferating Nuclear Antigen DNA Flow Cytometry. *Am J Surg Pathol* 1994; 18(7):712-719.

Glendale - Carcinoid
Mountain View (El Camino Path Grp) - Carcinoid tumor
Orange (UCI Medical Center Residents) - Carcinoid tumor
San Diego (National Medical Center) - Acinar cell carcinoma (4); Islet cell tumor (4); Pancreatic endocrine (islet cell) tumor (1)
Nevada (Henderson) - Acinar carcinoma of pancreas
Washington (Longview) - Islet cell tumor of pancreas
Texas (Fair Oaks Ranch) - Neuroendocrine carcinoma
Wisconsin (Madison) - Carcinoid tumor
Wisconsin (Muskego) - Low grade endocrine carcinoma
Minnesota (Golden Gopher Study Group) - Acinar cell tumor (of pancreas)
Michigan (St. Mary's Hospital) - Neuroendocrine carcinoma (2)
Kentucky (University of Louisville Residents) - Neuroendocrine carcinoma (? islet cell tumor)
Texas (Lubbock) - Islet cell tumor
Texas (Propath Associates) -Neuroendocrine tumor (carcinoid) (2)
Louisiana (River Ridge) - Paraganglioma
Mississipi (Brookhaven) - Islet cell carcinoma
Florida (Winter Haven) - Pancreatic neuroendocrine tumor
Florida (Munroe Regional Medical Ctr) - Carcinoid tumor
Kentucky (Lexington) - Islet cell tumor
Maryland (National Naval Medical Center) - Islet cell tumor (9); Carcinoid (3)
Maryland (University of Maryland) - Malignant carcinoid
Pennsylvania (AGH Group) - Carcinoid tumor
Pennsylvania (Conemaugh Memorial Hospital) - Malignant carcinoid
New York (East Meadow) - Neuroendocrine tumor, favor carcinoid tumor
New York (N.Y.) - Malignant neuroendocrine carcinoma, retroperitoneum
Massachusetts (Medfield) - Retroperitoneal neuroendocrine carcinoma
Massachusetts (Longmeadow) - Endocrine carcinoma, pancreatic origin
Canada (Foothills Hospital) - Carcinoid/Malignant islet cell tumor
Japan (Hamamatsu University School of Medicine) - Acinic cell tumor of the pancreas
Japan (Shimada City) - Carcinoid tumor
Saudi Arabia (King Khalid University Hospital) - Metastatic neuroendocrine carcinoma, retroperitoneal lymph node

DIAGNOSIS:

Neuroendocrine Tumor (Carcinoid), Retroperitoneum
TY4600,D2040

REFERENCES:

Travis WD, et al. Survival Analysis of 200 Pulmonary Neuroendocrine Tumors with Clarification of Criteria for Atypical Carcinoid and Its Separation from Typical Carcinoid. *Am J Surg Pathol* 1998; 22(8):934-944.
Caplin ME, et al. Carcinoid Tumour. *Lancet* 1998; 352(9130):799-805.
Memon MA, et al. Gastrointestinal Carcinoid Tumors. Current Management Strategies. *Dis Colon Rectum* 1997; 40(9):1101-1118.
Al-Khafaji B, et al. Immunohistologic Analysis of Gastrointestinal and Pulmonary Carcinoid Tumors. *Hum Pathol* 1998; 29(9):992-999.

Case No. 6, Accession No. 28657 **October 1999**

Glendale - Nodular hidradenoma
Mountain View (El Camino Path Grp) - Clear cell hidradenoma
Orange (UCI Medical Center Residents) - Eccrine acrospiroma
San Diego (National Medical Center) - Clear cell hidradenoma (9)
Nevada (Henderson) - Clear cell hidradenoma, solid cystic type
Washington (Longview) - Benign cystic hidradenoma
Texas (Fair Oaks Ranch) - Hidradenoma
Wisconsin (Madison) - Nodular hidradenoma
Wisconsin (Muskego) - Proliferating pilar tumor
Minnesota (Golden Gopher Study Group) - Trichilemmoma
Michigan (St. Mary's Hospital) - Hidradenoma (2)
Kentucky (University of Louisville Residents) - Eccrine acrospiroma (nodular hidradenoma)
Texas (Lubbock) - Clear cell hidradenoma
Texas (Propath Associates) -Nodular hidradenoma (2)
Louisiana (River Ridge) - Nodular hidradenoma
Mississipi (Brookhaven) - Clear cell hidradenoma
Florida (Winter Haven) - Benign dermal adnexal tumor
Florida (Munroe Regional Medical Ctr) - Apocrine cystadenoma
Kentucky (Lexington) - Nodular hidradenoma
Maryland (National Naval Medical Center) - Glomus tumor
Maryland (University of Maryland) - Nodular hidradenoma
Pennsylvania (AGH Group) - Eccrine spiradenoma
Pennsylvania (Conemaugh Memorial Hospital) - Nodular hidradenoma
New York (East Meadow) - Eccrine poroma, dermal duct tumor
New York (N.Y.) - Eccrine poroma
Massachusetts (Medfield) - Eccrine acrospiroma
Massachusetts (Longmeadow) - Cystic and solid hidradenoma with clear cells, shin
Canada (Foothills Hospital) - Eccrine hidradenoma
Japan (Hamamatsu University School of Medicine) - Nodular hidradenoma
Japan (Shimada City) - Nodular hidradenoma
Saudi Arabia (King Khalid University Hospital) - Nodular hidradenoma, right forearm

DIAGNOSIS:

Nodular Hidradenoma, Right Forearm
TY8510,M84000

Consultation: Fred Soeprono, Dermatopathologist: "Benign Eccrine Neoplasm Consistent with Solid Cystic Hidradenoma."

REFERENCES:

Wong TY, et al. Clear Cell Eccrine Carcinoma of the Skin. A Clinicopathologic Study of Nine Patient. *Cancer* 1994; 73(6):1631-1643.
McCalmont TH, Guest Editorial. A Call for Logic in Classification of Adnexal Neoplasms. *Am J of Dermatol* 1996; 18(2):103-109.
Hernandez-Perez E, et al. Nodular Hidradenoma. A 10 Year Review. *J Am Acad Dermatol* 1985; 12 (1 Pt 1):15-20.
Keasbey LE, et al. Clear Cell Hidroadenoma. Report of Three Cases with Wide-Spread Metastases. *Cancer* 1954; 934-954

Glendale - Metastatic adenocarcinoma
Mountain View (El Camino Path Grp) - Metastatic adenocarcinoma consistent with gastric primary
Orange (UCI Medical Center Residents) - Metastatic adenocarcinoma
San Diego (National Medical Center) - Metastatic poorly differentiated adenocarcinoma (8); Metastatic signet ring carcinoma (1)
Nevada (Henderson) - Metastatic adenocarcinoma
Washington (Longview) - Signet ring cell carcinoma
Texas (Fair Oaks Ranch) - Metastatic adenocarcinoma
Wisconsin (Madison) - Metastatic poorly differentiated mucin producing adenocarcinoma, probably gastric primary
Wisconsin (Muskego) - Mucinous adenocarcinoma, favor gastric primary
Minnesota (Golden Gopher Study Group) - Signet ring cell adenocarcinoma
Michigan (St. Mary's Hospital) - Gastric adenocarcinoma (1); Adenocarcinoma consistent with gastric 1º (1)
Kentucky (University of Louisville Residents) - Poorly differentiated adenocarcinoma (signet ring cell), metastatic
Texas (Lubbock) - Metastatic adenocarcinoma
Texas (Propath Associates) -Metastatic adenocarcinoma, probable gastric origin (1); Metastatic gastric adenocarcinoma
Louisiana (River Ridge) - Poorly differentiated adenocarcinoma
Mississipi (Brookhaven) - Metastatic adenocarcinoma from stomach
Florida (Winter Haven) - Metastatic signet cell adenocarcinoma consistent with gastric primary
Florida (Munroe Regional Medical Ctr) - Signet cell carcinoma
Kentucky (Lexington) - Metastatic adenocarcinoma, favor gastric primary
Maryland (National Naval Medical Center) - Poorly differentiated carcinoma
Maryland (University of Maryland) - Metastatic gastric carcinoma
Pennsylvania (AGH Group) - Gastric carcinoma with parietal cell features
Pennsylvania (Conemaugh Memorial Hospital) - Signet ring carcinoma, metastatic to omentum
New York (East Meadow) - Krukenberg tumor
New York (N.Y.) - Krukenberg's tumor, omentum
Massachusetts (Medfield) - Metastatic adenocarcinoma to mesentery
Massachusetts (Longmeadow) - Metastatic adenocarcinoma, signet ring cell type, omentum
Canada (Foothills Hospital) - Metastatic (clear cell) adenocarcinoma vs. adenocarcinoid (some cells have granular cytoplasm) Paneth-cell-like
Japan (Hamamatsu University School of Medicine) - Metastatic adenocarcinoma
Japan (Shimada City) - Disseminated gastric adenocarcinoma
Saudi Arabia (King Khalid University Hospital) - Metastatic adenocarcinoma of primary gastric origin, omentum

DIAGNOSIS:

Metastatic Poorly-Differentiated Adenocarcinoma with Signet Ring Features, Omentum; Probably of Gastric Origin

T63850,M81403

REFERENCES:

Sugihara H, et al. Progression of Signet Ring Cell Carcinomas in the Human Stomach. *Cancer* 1993;71(6):1938-1947.
el-Zimaity HM, et al. Early Diagnosis of Signet Ring Cell Carcinoma of the Stomach. Role of the Genta Stain. *J Clin Pathol* 1997; 50(10):867-868.
Otsuji E, et al. Characterization of Signet Ring Cell Carcinoma of the Stomach. *J Surg Oncol* 1998; 67(4):216-220.
Sarma NH, et al. Primary Signet Ring Carcinoma of the Colon and Rectum. *Histopathology* 1995; 26(4):378-379.
Maehara Y, et al. Signet Ring Cell Carcinoma of the Stomach. *Cancer* 1992; 69(7):1645-1650.

Glendale - Carcinosarcoma
Mountain View (El Camino Path Grp) - Malignant peripheral nerve sheath tumor with rhabdomyoblastic differentiation (triton tumor)
Orange (UCI Medical Center Residents) - Spindle cell carcinoma
San Diego (National Medical Center) - Spindle cell carcinoma (9)
Nevada (Henderson) - Peripheral carcinoid tumor
Washington (Longview) - Sarcomatoid carcinoma
Texas (Fair Oaks Ranch) - Mesothelioma
Wisconsin (Madison) - Sarcomatoid carcinoma
Wisconsin (Muskego) - Malignant spindle cell neoplasm, favor sarcoma
Minnesota (Golden Gopher Study Group) - Large cell undifferentiated carcinoma
Michigan (St. Mary's Hospital) - Rhabdomyosarcoma (1); Thymic carcinoma (1)
Kentucky (University of Louisville Residents) - Carcinosarcoma vs. sarcomatous carcinoma
Texas (Lubbock) - Sarcoma
Texas (Propath Associates) -Spindle cell carcinoma (1); Poorly differentiated squamous cell carcinoma (1)
Louisiana (River Ridge) - Carcinosarcoma
Mississipi (Brookhaven) - Spindle cell squamous carcinoma
Florida (Winter Haven) - Large cell malignancy, rule out sarcoma
Florida (Munroe Regional Medical Ctr) - Neuroendocrine carcinoma
Kentucky (Lexington) - Poorly differentiated malignancy consistent with carcinosarcoma
Maryland (National Naval Medical Center) - Poorly differentiated malignant neoplasm, favor spindle cell carcinoma
Maryland (University of Maryland) - Spindle cell squamous cell carcinoma
Pennsylvania (AGH Group) - Sarcomatoid carcinoma
Pennsylvania (Conemaugh Memorial Hospital) - Spindle cell carcinoma/sarcomatoid carcinoma
New York (East Meadow) - Malignant fibrous mesothelioma
New York (N.Y.) - Poorly differentiated squamous cell carcinoma, lung
Massachusetts (Medfield) - Malignant mesothelioma
Massachusetts (Longmeadow) - Spindle cell carcinoma with squamous differentiation, lung
Canada (Foothills Hospital) - (Pulmonary) carcinosarcoma
Japan (Hamamatsu University School of Medicine) - Carcinosarcoma
Japan (Shimada City) - Spindle cell squamous cell carcinoma
Saudi Arabia (King Khalid University Hospital) - Sarcomatoid squamous cell carcinoma, lung

DIAGNOSIS:

Carcinosarcoma, Lung
T28000, M89803

Note: Slides varied somewhat. Malignant components included sarcoma (NOS), osteosarcoma, adenocarcinoma, squamous carcinoma, and possibly rhabdomyosarcoma (drc)

REFERENCES:

Nappi O, et al. Biphasic and Monophasic Sarcomatoid Carcinomas of the Lung. A Reappraisal of "Carcinosarcomas" and "Spindle-Cell Carcinomas". *Am J Clin Pathol* 1994; 102(3):331-340.
Berho M, et al. Malignant Mixed Epithelial/Mesenchymal Neoplasms of the Lung. *Semin Diagn Pathol* 1995; 12(2):123-139.
Grahmann PR, et al. Carcinosarcoma of the Lung. Three Case Reports and Literature Review. *Thorac Cardiovasc Surg* (Germany), Oct 1993; 41(5):312-317.
Miller DL, et al. Rare Pulmonary Neoplasms. *Mayo Clin Proc* 68(5):492-498.
Mayall FG, et al. "Pleural" and Pulmonary Carcinosarcomas. *J Pathol* 1992; 167(3):305-311.
Farrell DJ, et al. Carcinosarcoma of Lung Associated with Asbestosis. *Histopathol* 1995; 27(5):484-486.

Glendale - Microcystic meningioma
Mountain View (El Camino Path Grp) - Microcystic meningioma
Orange (UCI Medical Center Residents) - Meningioma
San Diego (National Medical Center) - Microcystic meningioma (9)
Nevada (Henderson) - Pilocytic astrocytoma
Washington (Longview) - Secretory meningioma
Texas (Fair Oaks Ranch) - Meningioma
Wisconsin (Madison) - Microcystic meningioma
Wisconsin (Muskego) - Meningioma, microcystic type
Minnesota (Golden Gopher Study Group) - Microcystic meningioma
Michigan (St. Mary's Hospital) - Meningioma (2)
Kentucky (University of Louisville Residents) - Metaplastic meningioma
Texas (Lubbock) - Oligodendroglioma
Texas (Propath Associates) -Vascular meningioma (1); Meningioma (1)
Louisiana (River Ridge) - Meningioma (microcystic type)
Mississipi (Brookhaven) - Fibrillary astrocytoma
Florida (Winter Haven) - Meningioma
Florida (Munroe Regional Medical Ctr) - Chordoma
Kentucky (Lexington) - Meningioma
Maryland (National Naval Medical Center) - Meningioma, microcystic
Maryland (University of Maryland) - Microcystic meningioma
Pennsylvania (AGH Group) - Microcystic meningioma
Pennsylvania (Conemaugh Memorial Hospital) - Meningioma
New York (East Meadow) - Microcytic meningioma
New York (N.Y.) - Microcystic meningioma
Massachusetts (Medfield) - Fibrillary astrocytoma
Massachusetts (Longmeadow) - Microcystic meningioma
Canada (Foothills Hospital) - Microcystic "?" meningioma
Japan (Hamamatsu University School of Medicine) - Meningioma, chordoid
Japan (Shimada City) - Clear cell meningioma
Saudi Arabia (King Khalid University Hospital) - Meningioma (? Clear cell ?microcystic, ?metaplastic)

DIAGNOSIS:

Microcystic Meningioma, Left Frontal
TY0111,M95300

Consultant: Boleslaw Liwnicz, Neuropathologist (LLUMC): "Microcystic Meningioma."

REFERENCES:

Schmidt C, et al. Extra and Intracranial Meningiomas. *Tumor* 1980; 66(5):661-667.
Keper JJ. Meningiomas. Biology, Pathology and Differential Diagnoses. *Mason Monographs in Diagnostic Pathology, Mason Publishing*, USA, 1992; 29-30.
Bromley PJ, et al. CT Appearance of Microcystic Meningioma. *J Comput Assist Tomogr* 1996; 20(4):570-572.
Kuchna I, et al. Microcystic Meningioma—A Rarely Occurring Morphological Variant of Meningioma. *Folia Neuropathol* 1994; 32(4):259-263.
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Glendale - Meningioma
Mountain View (El Camino Path Grp) - Intraventricular meningioma, fibrous type
Orange (UCI Medical Center Residents) - Meningioma (4); Pilocytic astrocytoma (4)
San Diego (National Medical Center) - Fibrous meningioma (8); Intraventricular fibrous meningioma (1)
Nevada (Henderson) - Mesothelioma, fibroblastic type
Washington (Longview) - Meningioma
Texas (Fair Oaks Ranch) - Meningioma, fibrous
Wisconsin (Madison) - Meningioma
Wisconsin (Muskego) - Benign spindle cell neoplasm, favor fibroblastic meningioma
Minnesota (Golden Gopher Study Group) - Fibrous meningioma
Michigan (St. Mary's Hospital) - Meningioma (2)
Kentucky (University of Louisville Residents) - Meningioma
Texas (Lubbock) - Pilocytotic astrocytoma
Texas (Propath Associates) -Meningioma, fibrous type (2)
Louisiana (River Ridge) - Meningioma (transitional type)
Mississipi (Brookhaven) - Meningioma
Florida (Winter Haven) - Meningioma
Florida (Munroe Regional Medical Ctr) - Meningioma
Kentucky (Lexington) - Meningioma
Maryland (National Naval Medical Center) - Meningioma
Maryland (University of Maryland) - Fibrous meningioma
Pennsylvania (AGH Group) - Fibrous meningioma
Pennsylvania (Conemaugh Memorial Hospital) - Meningioma/subependymoma
New York (East Meadow) - Fibroblastic meningioma
New York (N.Y.) - Meningioma
Massachusetts (Medfield) - Meningotheliomatous meningioma
Massachusetts (Longmeadow) - Intraventricular fibrous meningioma
Canada (Foothills Hospital) - Intraventricular meningioma
Japan (Hamamatsu University School of Medicine) - Fibrous meningioma
Japan (Shimada City) - Fibrous meningioma
Saudi Arabia (King Khalid University Hospital) - Intraventricular fibroblastic meningioma

DIAGNOSIS:

Intraventricular Fibroblastic Meningioma
T32500,M95320

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