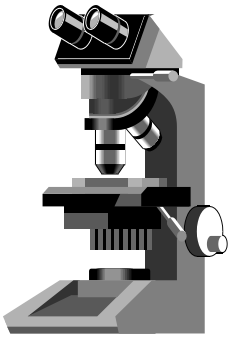
CALIFORNIA
TUMOR TISSUE REGISTRY

GENERAL PATHOLOGY

Minutes – Subscription A

May, 2007



SUGGESTED READING (General Topics from Recent Literature):

Immunoreactiivity of CD99 in Invasive Malignant Melanoma. Wilkeson AE, Glasgow MA and Hiatt KM, et al. *J Cutan Pathol* 2006; 33:663-666.

Predicting Lymph Node Metastasis in IMPC. Guo X, Chen L, et al. *Am J Clin Pathol* 2006; 126:740-746.

Pancreatic and Bile Duct Brushing Cytology in 1000 Cases. Volmar KE, Vollmer, RT, et al. Review of Findings and Comparison of Preparation Methods. *Cancer* 2006.

Polyoma Virus Associated Cellular Changes in the Urine and Bladder Biopsy Samples. A Cytohistologic Correlation. Herawi M, Parwani AV, et al. *Am J Surg Pathol* 2006; 30:345-350.

The Value of Monitoring Frozen Section-Permanent Section Correlation Data Over Time. Raab SS, Tworek JA, et al. *Arch Pathol Lab Med* 2006; 130:337-342.

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
Web site & Case of the Month: www.cttr.org

FILE DIAGNOSES

CTTR Subscription A May 2007

Case 1:
Fibromatosis (intra-abdominal/mesenteric desmoid tumor)
T-Y4100, M-76100

Case 2:
Fibroma, ovary
T-87000, M-88100

Case 3:
Sclerosing stromal tumor, ovary
T-87000, M-85901

Case 4:
Low grade Phyllodes tumor, breast
T-04000, M-90213

Case 5:
Gastrointestinal stromal tumor (GIST), stomach
T-63000, M-88903

Case 6:
Serous microcystic cystadenoma, pancreas
T-59000, M-81400

Case 7:
Solid pseudopapillary tumor, pancreas
T-59000, M-03090

Case 8:
Leiomyosarcoma, uterus
T-82000, M-88903

Case 9:
Malignant mixed Mullerian tumor (MMMT), ovary
T-87000, M-89803

Case 10:
Malignant fibrous histiocytoma (MFH), leg
T-Y9400, M-88303

Case No. 1, Accession No. 30034 **May 2007 A**

Arcadia - Desmoid tumor
Arcadia (Quest Diagnostics) - Fibromatosis (desmoid tumor)
Baldwin Park (Kaiser Permanente) - Desmoid fibrous tumor (1); Solitary fibrous tumor (1); Fibromatosis (1)
Chico - Intra-abdominal fibromatosis (desmoid)
Clovis - Desmoid/fibrous mesenteritis
Escondido - Abdominal fibromatosis
Long Beach - Desmoid (1); Mesenteric fibromatosis (1)
Oakland - Fibromatosis vs. GIST
Oakland (Alameda County Medical Center) - Mesenteric fibromatosis
Orange (UCI Medical Center) - Inflammatory myofibroblastic tumor
Orinda (UCSF) - Fibromatosis
Sacramento (UC Davis Medical Center) - Fibromatosis
San Diego - Inflammatory pseudotumor
San Diego (Scripps Health) - Intra-abdominal desmoid
San Diego (UCSD) - Fibromatosis
San Francisco (San Francisco General Hospital) - Desmoid
Santa Barbara - Deep fibromatosis
Santa Rosa (Santa Rosa Memorial Hospital) - Mesenteric fibromatosis (intra-abdominal desmoid) (3)
Sonoma (Sonoma Valley Hospital) - Inflammatory myofibroblastic tumor
Woodland Hills - Mesenteric fibromatosis
Woodland Hills (Sudas Soldiers) - Fibromatosis (intra-abdominal)
Alabama (Baptist Medical Center) - Intra-abdominal desmoid
Arkansas (University of Arkansas for Medical Science) - Fibromatosis. mesentery
Connecticut, West Hartford - Mesenteric fibromatosis
Florida - Intra-abdominal fibromatosis
Illinois, Burr Ridge - Inflammatory pseudotumor (1); Solitary fibrous tumor vs. fibromatosis, do CD34 stain (1)
Illinois (Evanston Hospital) - Fibromatosis
Illinois (Heartland Regional Medical Center) - Fibromatosis
Illinois (Loyola University of Chicago) - Desmoid-type fibromatosis
Kansas, Cytocheck Laboratory LLC) - Myofibroblastic tumor
Kansas (Physicians Reference Laboratory) - GIST/schwannoma/fibromatosis
Kentucky (University of Louisville) - Fibromatosis (desmoid tumor)
Louisiana (LSU HSC Pathology) - Fibromatosis (desmoid)
Maryland (Northwest Hospital Center) - Abdominal fibromatosis (desmoid)
Maryland (University of Maryland) - Fibromatosis vs. solitary fibrous tumor
Massachusetts (Berkshire Medical Center) - Abdominal fibromatosis
Massachusetts , Peabody - Mesenteric fibromatosis
Massachusetts (Tufts/New England Medical Center) - Inflammatory myofibroblastic tumor
Minnesota (Fairview Ridges Hospital) - Intra-abdominal desmoid (fibromatosis)
Missouri (Missouri Delta Medical Center) - Fibromatosis
New Mexico - Fibromatosis (abdominal desmoid tumor)
New York (Nassau University Medical Center) - GIST
New York (Stony Brook University Hospital) - Mesenteric fibromatosis
New York (SUNY Downstate Medical Center) - Fibromatosis, desmoid type
Pennsylvania (Conemaugh Memorial Medical Center) - Mesenteric desmoid type
Pennsylvania (Drexel University of Medicine) - Intra-abdominal desmoid tumor/fibromatosis
Pennsylvania (Lehigh Valley Hospital) - Solitary fibrous tumor
Pennsylvania (Magee Women's Hospital) - Desmoid (fibromatosis)
Pennsylvania (Mt Nittany Medical Center) - Mesenteric fibromatosis
Pennsylvania (Pennsylvania Hospital) - Fibromatosis
Puerto Rico (University of Puerto Rico) - Mesenteric fibromatosis
South Dakota (LCM Pathologists, P.C.) - Solitary fibrous tumor
Texas, Crystal Beach - Intra-abdominal fibromatosis
Texas, Houston - Mesenteric fibromatosis
Texas, Lubbock - Angiomyxofibroma
Texas (Propath Services) - Low grade fibromyxoid carcinoma
Texas (Scott & White Memorial Hospital) - Fibromatosis
Texas (St. Lukes Episcopal Hospital) - Fibromatosis
Texas, Sugarland - Desmoid-type fibromatosis
Texas, Temple - GIST vs. hemangiopericytoma
Washington (Seattle VA Medical Center) - Benign fibroproliferative process; appears reactive; possible fibromatosis

West Virginia (Greensbrier Valley Medical Center) - Mesenteric fibromatosis
West Virginia (Wetzel County Hospital) - Solitary fibrous tumor
Wisconsin (St Mary's Hospital Medical Center) - Fibromatosis
Australia (Royal Prince Alfred Hospital) - Desmoid type fibromatosis
Australia (Sullivan Nicolaides Pathology) - Mesenteric desmoid
Brazil (Laboratorio Anatomia Pathologica Ecitologia) - Intra-abdominal desmoid-type fibromatosis
Canada (Pasqua Hospital) - Mesenteric fibromatosis
Canada (Sherbrooke University Hospital) - Fibromatosis
Hong Kong (Hong Kong Baptist Hospital) - Fibromatosis
Ireland, Galway Residents - Solitary fibrous tumor/hemangiopericytoma
Ireland (Kerry General Hospital) - Hemangiopericytoma/solitary fibrous tumor
Jamaica (The University of West Indies) - Inflammatory pseudotumor of the mesentery
Japan (Asashi General Hospital) - Aggressive angiomyxoma
Japan (Kyoto University Hospital) - Desmoid (fibromatosis)
Oman (Khoula Hospital) - Fibromatosis (desmoid tumor)
Qatar (Hamad Medical Corporation) - Solitary fibrous tumor (3) Mesenteric fibromatosis (2)
Saudi Arabia (King Fahad National Guard Hospital) - Mesenteric fibromatosis ("Gardner's syndrome")
United Kingdom (Oxford Study Group) - Small bowel, mesentery fibromatosis

Case 1 - Diagnosis:

Fibromatosis (intra-abdominal/mesenteric desmoid tumor)
T-Y4100, M-76100

Case 1 - References:

Folli F, Galimberti G, Pastore M, et al. Paraneoplastic Insulin Resistance Syndrome in Advanced Aggressive Fibromatosis (Desmoid Tumor) Treated by Imatinib Mesylate. *Diabetes Care* 2006; 29(9):2178-2180.

Seinfeld J, Kleinschmit-Demasters BK, Tayal S, et al. Desmoid-Type Fibromatoses Involving the Brachial Plexus. Treatment Options and Assessment of C-Kit Mutational Status. *J Neurosurg* 2006; 104(5):749-756.

Deyrup AT, Tretiakova M and Montag AG. Estrogen Receptor-Beta Expression in Extraabdominal Fibromatoses. An Analysis of 40 Cases. *Cancer* 2006; 106(1):208-213.

Mendenhall WM, Ziotecki RA, Morris CG, et al. Aggressive Fibromatosis. *Am J Clin Oncol* 2005; 28(2):211-215.

Phillips SR, A'Hern R and Thomas JM. Aggressive Fibromatosis of the Abdominal Wall, Limbs and Limb Girdles. *Br J Surg* (England) 2004; 91(12):1624-1629.

Case No. 2, Accession No. 30249 May 2007 A

Arcadia - Fibrothecoma
Arcadia (Quest Diagnostics) - Stromal tumor
Baldwin Park (Kaiser Permanente) - Fibroma (3)
Chico - Fibroma-thecoma
Clovis - Fibroma/thecoma, ovary
Escondido - Thecoma (2)
Long Beach - Fibroma/fibrothecoma (2)
Oakland - Fibroma (ovarian) vs. leiomyo/schwan
Oakland (Alameda County Medical Center) - Fibroma
Orange (UCI Medical Center) - Fibroma/thecoma
Orinda (UCSF) - Fibroma
Sacramento (UC Davis Medical Center) - Fibroma/thecoma
San Diego - Fibroma, ovary
San Diego (Scripps Health) - Fibroma/thecoma
San Diego (UCSD) - Ovarian fibroma
San Francisco (San Francisco General Hospital) - Ovarian fibroma
Santa Barbara - Fibroma
Santa Rosa (Santa Rosa Memorial Hospital) - Fibroma (3)
Sonoma (Sonoma Valley Hospital) - Thecoma
Woodland Hills - Fibroma
Woodland Hills (Sudas Soldiers) - Fibroma
Alabama (Baptist Medical Center) - Ovarian fibroma
Arkansas (University of Arkansas for Medical Science) - Fibroma, ovary
Connecticut, West Hartford - Fibroma

Florida - Ovarian stromal tumor
Illinois, Burr Ridge - Cellular fibroma, ovary (1); Fibroma, ovary (1)
Illinois (Evanston Hospital) - Ovarian fibroma
Illinois (Heartland Regional Medical Center) - Ovarian fibroma
Illinois (Loyola University of Chicago) - Ovarian fibro-thecoma
Kansas, Cytocheck Laboratory LLC) - Fibrothecoma
Kansas (Physicians Reference Laboratory) - Fibroma
Kentucky (University of Louisville) - Fibroma
Louisiana (LSU HSC Pathology) - Fibroma/fibrothecoma
Maryland (Northwest Hospital Center) - Ovarian fibroma
Maryland (University of Maryland) - Ovarian fibroma
Massachusetts (Berkshire Medical Center) - Fibrothecoma
Massachusetts , Peabody - Sex cord stromal tumor, fibroma, ovary
Massachusetts (Tufts/New England Medical Center) - Fibroma
Minnesota (Fairview Ridges Hospital) - Ovarian fibroma
Missouri (Missouri Delta Medical Center) - Fibrothecoma
New Mexico - Fibroma, cellular (Meig's syndrome)
New York (Nassau University Medical Center) - Solitary fibrous tumor
New York (Stony Brook University Hospital) - Fibroma
New York (SUNY Downstate Medical Center) - Fibrothecoma
Pennsylvania (Conemaugh Memorial Medical Center) - Ovarian fibroma
Pennsylvania (Drexel University of Medicine) - Fibroma
Pennsylvania (Lehigh Valley Hospital) - Thecoma
Pennsylvania (Magee Women's Hospital) - Fibrothecoma
Pennsylvania (Mt Nittany Medical Center) - Ovarian fibromatosis
Pennsylvania (Pennsylvania Hospital) - Fibroma
Puerto Rico (University of Puerto Rico) - Fibroma/fibrothecoma
South Dakota (LCM Pathologists, P.C.) - Fibrothecoma
Texas, Crystal Beach - Leiomyoma
Texas, Houston - Fibroma
Texas, Lubbock - Fibroma
Texas (Propath Services) - Thecoma
Texas (Scott & White Memorial Hospital) - Fibroma
Texas (St. Lukes Episcopal Hospital) - Fibroma
Texas, Sugarland - Fibroma
Texas, Temple - Fibroma
Washington (Seattle VA Medical Center) - Benign fibroproliferative process, probable fibroma
West Virginia (Greensbrier Valley Medical Center) - Ovarian fibroma
West Virginia (Wetzel County Hospital) - Fibroma
Wisconsin (St Mary's Hospital Medical Center) - Fibroma/thecoma
Australia (Royal Prince Alfred Hospital) - Thecafibroma
Australia (Sullivan Nicolaides Pathology) - Ovarian fibroma
Brazil (Laboratorio Anatomia Pathologica Ecitologia) - Fibroma, ovary
Canada (Pasqua Hospital) - Fibroma
Canada (Sherbrooke University Hospital) - Stromal tumor (fibroma/fibrothecoma)
Hong Kong (Hong Kong Baptist Hospital) - Ovarian fibroma
Ireland, Galway Residents - Fibrothecoma
Ireland (Kerry General Hospital) - Ovarian fibroma
Jamaica (The University of West Indies) - Fibroma
Japan (Asashi General Hospital) - Fibroma, ovary
Japan (Kyoto University Hospital) - Fibroma (thecoma-fibroma group)
Oman (Khoula Hospital) - Fibroma
Qatar (Hamad Medical Corporation) - Ovarian fibrothecoma
Saudi Arabia (King Fahad National Guard Hospital) - Ovarian fibroma, bilateral (Neroid syndrome)
United Kingdom (Oxford Study Group - Ovarian fibroma

Case 2 – Diagnosis:

Fibroma, ovary

T-87000, M-88100

Case 2 – References:

Leung SW and Yuen PM. Ovarian Fibroma. A Review on the Clinical Characteristics, Diagnostic Difficulties, and Management Options of 23 Cases. *Gynecol Obstet Invest* (Switzerland) 2006; 62(1):1-6.

Angeles RM, Salem FL and Sirota RL. A Right Ovarian Mass in a 71-Year-Old Woman with Ascites and Elevated CA 125 Level. Fibrothecoma of Right Ovary. *Arch Pathol Lab Med* 2005; 129(5):701-702.

Irving JA, Alkushi A, Young RH, et al. Cellular Fibromas of the Ovary. A Study of 7 Cases Including 40 Mitotically Active Tumors Emphasizing Their Distinction from Fibrosarcoma. *Am J Surg Pathol* 2006; 30(8):929-938.

Roth LM. Recent Advances in the Pathology and Classification of Ovarian Sew Cord-Stromal Tumors. *Int J Gynecol Pathol* 2006; 25(3):199-215.

Movahedi-Lankarani S and Kurman RJ. Calretinin, A More Sensitive But Less Sepcific Marker Than Alpha-Inhibin For Ovarian Sex Cord-Stromal Neoplasms. An Immunohitochemical Study of 215 Cases. *Am J Surg Pathol* 2002; 26(11):1477-1483.

Case No. 3, Accession No. 30542 May 2007 A

Arcadia - Krukenberg tumor (need IHC stains/r/o Leydig cell tumor)
Arcadia (Quest Diagnostics) - Sertoli-Leydig cell tumor
Baldwin Park (Kaiser Permanente) - Sclerosing stromal cell tumor (3)
Chico - Sclerosing stromal tumor
Clovis - Sertoli/Leydig tumor, ovary
Escondido - Leydig cell tumor (2)
Long Beach - Sclerosing stromal tumor (2)
Oakland - Ovarian signet ring cell carcinoma
Oakland (Alameda County Medical Center) - Sclerosing stromal tumor
Orange (UCI Medical Center) - Sclerosing stromal tumor
Orinda (UCSF) - Sclerosing stromal tumor
Sacramento (UC Davis Medical Center) - Sertoli-Leydig cell tumor
San Diego - Sclerosing stromal tumor, ovary
San Diego (Scripps Health) - Sertoli-Leydig cell tumor
San Diego (UCSD) - Steroid cell tumor
San Francisco (San Francisco General Hospital) - Steroid cell tumor
Santa Barbara - Sclerosing stromal tumor
Santa Rosa (Santa Rosa Memorial Hospital) - Leydig cell tumor (2); Ovarian steroid cell tumor (1)
Sonoma (Sonoma Valley Hospital) - Sclerosing stromal tumor
Woodland Hills - Sclerosing stromal tumor
Woodland Hills (Sudas Soldiers) - Sclerosing stromal tumor
Alabama (Baptist Medical Center) - Krukenburg tumor
Arkansas (University of Arkansas for Medical Science) - Sclerosing stromal tumor, ovary
Connecticut, West Hartford - Leydig-Sertoli cell tumor
Florida - Carcinosarcoma, ovary
Illinois, Burr Ridge - Lipid cell tumor, ovary (2)
Illinois (Evanston Hospital) - Sclerosing stromal tumor of ovary
Illinois (Heartland Regional Medical Center) - Lutinized thecoma, cannot exclude sclerosing stromal tumor
Illinois (Loyola University of Chicago) - Sclerosing stromal tumor
Kansas, Cytocheck Laboratory LLC) - Stromal/steroid tumor
Kansas (Physicians Reference Laboratory) - Fibroma/thecoma
Kentucky (University of Louisville) - Sertoli-Leydig cell tumor
Louisiana (LSU HSC Pathology) - Sex cord/stromal/Sertoli tumor
Maryland (Northwest Hospital Center) - Sclerosing stromal tumor
Maryland (University of Maryland) - Steroid cell tumor
Massachusetts (Berkshire Medical Center) - Sertoli-Leydig cell tumor
Massachusetts , Peabody - Sertoli-Leydig cell tumor, ovary
Massachusetts (Tufts/New England Medical Center) - Sclerosing stromal tumor
Minnesota (Fairview Ridges Hospital) - Sclerosing stromal tumor
Missouri (Missouri Delta Medical Center) - Sclerosing stromal tumor
New Mexico - Sclerosing stromal tumor
New York (Nassau University Medical Center) - Mammary type myofibroblastoma
New York (Stony Brook University Hospital) - Steroid cell tumor, NOS
New York (SUNY Downstate Medical Center) - Sclerosing stromal tumor
Pennsylvania (Conemaugh Memorial Medical Center) - Sclerosing stromal tumor of ovary
Pennsylvania (Drexel University of Medicine) - Sclerosing stromal tumor

Pennsylvania (Lehigh Valley Hospital) - Leydig cell tumor
Pennsylvania (Magee Women's Hospital) - Sclerosing stromal tumor
Pennsylvania (Mt Nittany Medical Center) - Sclerosing stroma tumor
Pennsylvania (Pennsylvania Hospital) - Sclerosing stromal tumor
Puerto Rico (University of Puerto Rico) - Steroid/lipid cell tumor
South Dakota (LCM Pathologists, P.C.) - Sclerosing stromal tumor
Texas, Crystal Beach - Ovarian stromal tumor (mostly thecoma)
Texas, Houston - Thecoma
Texas, Lubbock - Sertoli cell tumor
Texas (Propath Services) - Steroid cell tumor, NOS
Texas (Scott & White Memorial Hospital) - Sclerosing stromal tumor
Texas (St. Lukes Episcopal Hospital) - Sclerosing stromal tumor
Texas, Sugarland - Sclerosing stromal tumor
Texas, Temple - Sclerosing stromal tumor
Washington (Seattle VA Medical Center) - Benign epithelioid neoplasm; probably steroid cell tumor
West Virginia (Greensbrier Valley Medical Center) - Sclerosing stromal tumor
West Virginia (Wetzel County Hospital) - Sclerosing stromal tumor
Wisconsin (St Mary's Hospital Medical Center) - Sclerosing stromal tumor, ovary
Australia (Royal Prince Alfred Hospital) - Sclerosing stromal tumor
Australia (Sullivan Nicolaides Pathology) - Thecoma
Brazil (Laboratorio Anatomia Pathologica Ecitologia) - Sertoli-Leydig cell tumor
Canada (Pasqua Hospital) - Sertoli-Leydig cell tumor
Canada (Sherbrooke University Hospital) - Steroid cell tumor
Hong Kong (Hong Kong Baptist Hospital) - Sclerosing stromal tumor
Ireland, Galway Residents - Steroid cell tumor (1); Leydig cell tumor (2)
Ireland (Kerry General Hospital) - Sex cord tumor/Leydig cell type
Jamaica (The University of West Indies) - Sertoli-Leydig tumor
Japan (Asashi General Hospital) - Steroid cell tumor not otherwise specified
Japan (Kyoto University Hospital) - Massive edema of ovary
Oman (Khoula Hospital) - Sclerosing stromal tumor
Qatar (Hamad Medical Corporation) - Sclerosing stromal tumor
Saudi Arabia (King Fahad National Guard Hospital) - Sclerosing stromal tumor
United Kingdom (Oxford Study Group - Sclerosing stromal tumor, ovary

Case 3 - Diagnosis:

Sclerosing stromal tumor, ovary
T-87000, M-85901

Case 3 - References:

Mikami M, Fukuchi T, Takehara K, et al. Tumor Imprint Cytology of Sclerosing Stromal Tumor of the Ovary. *Diagn Cytopathol* 2003; 28(1):54-57.

Jung SE, Rha SE, Lee JM, et al. CT and MRI Findings of Sex Cord Stromal Tumor of the Ovary. *AJR Am J Roentgenol* 2005; 185(1):207-215.

Jung NH, Kim T, Kin HJ, et al. Ovarian Sclerosing Stromal Tumor Presenting as Meigs' Syndrome with Elevated CA-125. *J Obstet Gynaecl Res* (Japan) 2006; 32(6):619-622.

Mathur SR, Dahiya S, Nayak A, et al. Sclerosing Stromal Tumour of Ovary. A Cliniicopathological and Immunohistochemical Study of Five Cases. *Indian J Pathol Microbiol* (India) 2004; 47(3):333-335.

Torricelli P, Caruso Lombardi A, Boselli F, et al. Sclerosing Stromal Tumor of Ovary. US, CT, and MRI Findings. *Abdom Imaging* (United States) 2002; 27(5):588-591.

Case No. 4, Accession No. 30514 May 2007 A

Arcadia - Phyllodes tumor, grade II/III
Arcadia (Quest Diagnostics) - Benign phyllodes tumor
Baldwin Park (Kaiser Permanente) - Phyllodes tumor, low grade
Chico - Phyllodes tumor
Clovis - Breast, benign phyllodes tumor
Escondido - Fibroadenoma (2)
Long Beach - Cellular fibroadenoma (2)

Oakland - Phyllodes tumor
Oakland (Alameda County Medical Center) - Phyllodes tumor
Orange (UCI Medical Center) - Juvenile fibroadenoma
Orinda (UCSF) - Low grade phyllodes tumor
Sacramento (UC Davis Medical Center) - Phyllodes tumor
San Diego - Juvenile fibroadenoma, breast
San Diego (Scripps Health) - Phyllodes tumor
San Diego (UCSD) - Benign phyllodes tumor
San Francisco (San Francisco General Hospital) - Hamartoma
Santa Barbara - Fibroadenoma
Santa Rosa (Santa Rosa Memorial Hospital) - Phyllodes tumor (3)
Sonoma (Sonoma Valley Hospital) - Phyllodes tumor with recurring potential
Woodland Hills - Phyllodes tumor
Woodland Hills (Sudas Soldiers) - Hamartoma
Alabama (Baptist Medical Center) - Phyllodes tumor
Arkansas (University of Arkansas for Medical Science) - Lymphangioma, benign stromal hypercellularity, breast
Connecticut, West Hartford - Fibroadenomatoid hyperplasia
Florida - Fibroadenoma, right breast
Illinois, Burr Ridge - Neurofibroma, breast (1); Fibroadenomatoid tumor with focal angiomatoid stromal hyperplasia (1)
Illinois (Evanston Hospital) - Adenomyoepithelioma
Illinois (Heartland Regional Medical Center) - Mammary hamartoma
Illinois (Loyola University of Chicago) - Columnar cell change and fibroadenomatous hyperplasia
Kansas, Cytocheck Laboratory LLC) - Phyllodes tumor
Kansas (Physicians Reference Laboratory) - Fibroadenoma
Kentucky (University of Louisville) - Benign phyllodes tumor
Louisiana (LSU HSC Pathology) - Phyllodes tumor/juvenile fibroadenoma
Maryland (Northwest Hospital Center) - Phyllodes tumor
Maryland (University of Maryland) - Cellular fibroadenoma (vs. low-grade phyllodes)
Massachusetts (Berkshire Medical Center) - Phyllodes tumor
Massachusetts , Peabody - Fibroadenoma, breast
Massachusetts (Tufts/New England Medical Center) - Low grade phyllodes tumor
Minnesota (Fairview Ridges Hospital) - Phyllodes tumor, benign
Missouri (Missouri Delta Medical Center) - Juvenile fibroadenoma
New Mexico - Benign myofibroblastic proliferation
New York (Nassau University Medical Center) - Myofibroblastoma
New York (Stony Brook University Hospital) - Myoepithelioma vs. hamartoma
New York (SUNY Downstate Medical Center) - Fibroadenoma, complex vs. juvenile
Pennsylvania (Conemaugh Memorial Medical Center) - Benign phyllodes tumor
Pennsylvania (Drexel University of Medicine) - Juvenile fibroadenoma
Pennsylvania (Lehigh Valley Hospital) - Phyllodes tumor
Pennsylvania (Magee Women's Hospital) - Periductal stromal tumor
Pennsylvania (Mt Nittany Medical Center) - Hamartoma
Pennsylvania (Pennsylvania Hospital) - Fibroadenoma
Puerto Rico (University of Puerto Rico) - Low grade phyllodes tumor
South Dakota (LCM Pathologists, P.C.) - Phyllodes tumor
Texas, Crystal Beach - Fibroadenoma with adenosis
Texas, Houston - Benign phyllodes tumor
Texas, Lubbock - Benign phyllodes tumor
Texas (Propath Services) - Pseudoangiomatous hyperplasia, mammary stroma (PHMS)
Texas (Scott & White Memorial Hospital) - Low grade phyllodes tumor
Texas (St. Lukes Episcopal Hospital) - Phyllodes
Texas, Sugarland - Fibroadenoma
Texas, Temple - Fibroadenoma with cellular areas
Washington (Seattle VA Medical Center) - Benign breast alterations, including suggestion of fibroadenoma
West Virginia (Greensbrier Valley Medical Center) - Tubular adenoma
West Virginia (Wetzel County Hospital) - Juvenile fibroadenoma
Wisconsin (St Mary's Hospital Medical Center) - Benign phyllodes tumor
Australia (Royal Prince Alfred Hospital) - Low grade phyllodes tumor
Australia (Sullivan Nicolaides Pathology) - Benign phyllodes
Brazil (Laboratorio Anatomia Pathologica Ecitologia) - Juvenile fibroadenoma
Canada (Pasqua Hospital) - Sclerosing lobular hyperplasia
Canada (Sherbrooke University Hospital) - Fibroadenoma
Hong Kong (Hong Kong Baptist Hospital) - Phyllodes tumor

Ireland, Galway Residents - Fibroadenoma/hamartoma
Ireland (Kerry General Hospital) - Benign phyllodes tumor
Jamaica (The University of West Indies) - Fibroadenoma
Japan (Asashi General Hospital) - Phyllodes tumor, benign
Japan (Kyoto University Hospital) - Fibroepithelial tumor (juvenile fibroadenoma)
Oman (Khoula Hospital) - Fibroadenomatoid changes
Qatar (Hamad Medical Corporation) - Fibroadenoma
Saudi Arabia (King Fahad National Guard Hospital) - Pseudoangiomatous stromal hyperplasia
United Kingdom (Oxford Study Group - Fibromatosis, breast

Case 4 - Diagnosis:

Low grade Phyllodes tumor, breast
T-04000, M-90213

Case 4 - References:

Yabuuchi H, Soeda H, Matsuo Y, et al. Phyllodes Tumor of the Breast. Correlation Between MR Findings and Histologic Grade. *Radiol* 2006; 241(3):702-709.
Dacic S, Kounelis S, Kouri E, el al. Immunohitochemical Profile of Cystosarcoma Phyllodes of the Breast. A Study of 23 Cases. *Breast* J 2002; 8(6):376-381.
Kleer CG, Giordano TJ, Braun T, et al. Pathologic, Immunohistochemical, and Molecular Features of Benign and Malignant Phyllodes Tumors of the Breast. *Mod Pathol* 2001; 14(3):185-190.

Case No. 5, Accession No. 30232 May 2007 A

Arcadia - GIST
Arcadia (Quest Diagnostics) - Gastrointestinal stromal tumor
Baldwin Park (Kaiser Permanente) - Gastrointestinal stromal tumor (3)
Chico - GIST
Clovis - GIST, stomach
Escondido - GIST (2)
Long Beach - Gastrointestinal stromal tumor (GIST) (2)
Oakland - GIST
Oakland (Alameda County Medical Center) - Gastrointestinal stromal tumor (GIST)
Orange (UCI Medical Center) - GIST
Orinda (UCSF) - GIST
Sacramento (UC Davis Medical Center) - GIST
San Diego - Gastrointestinal stromal tumor, low risk, stomach
San Diego (Scripps Health) - Gastrointestinal stromal tumor (favor benign)
San Diego (UCSD) - GIST
San Francisco (San Francisco General Hospital) - GIST
Santa Barbara - GIST
Santa Rosa (Santa Rosa Memorial Hospital) - Gastrointestinal stromal tumor (GIST) (3)
Sonoma (Sonoma Valley Hospital) - GIST, intermediate risk
Woodland Hills - GIST
Woodland Hills (Sudas Soldiers) - Gastrointestinal stromal tumor
Alabama (Baptist Medical Center) - GIST
Arkansas (University of Arkansas for Medical Science) - Gastrointestinal stromal tumor, stomach
Connecticut, West Hartford - GIST
Florida - Cellular leiomyoma
Illinois, Burr Ridge - GIST (2)
Illinois (Evanston Hospital) - GIST
Illinois (Heartland Regional Medical Center) - Gastrointestinal stromal tumor
Illinois (Loyola University of Chicago) - GIST
Kansas, Cytocheck Laboratory LLC) - GIST
Kansas (Physicians Reference Laboratory) - GIST
Kentucky (University of Louisville) - Gastrointestinal stromal tumor, intermediate risk
Louisiana (LSU HSC Pathology) - GIST
Maryland (Northwest Hospital Center) - Gastrointestinal stromal tumor
Maryland (University of Maryland) - Gastrointestinal stromal tumor
Massachusetts (Berkshire Medical Center) - GIST

Massachusetts , Peabody - Gastrointestinal stromal tumor, leiomyoma
Massachusetts (Tufts/New England Medical Center) - Gastrointestinal stromal tumor
Minnesota (Fairview Ridges Hospital) - Gastrointestinal stromal tumor
Missouri (Missouri Delta Medical Center) - GIST
New Mexico - Gastrointestinal stromal tumor of uncertain malignant potential
New York (Nassau University Medical Center) - GIST
New York (Stony Brook University Hospital) - GIST
New York (SUNY Downstate Medical Center) - GIST
Pennsylvania (Conemaugh Memorial Medical Center) - GIST
Pennsylvania (Drexel University of Medicine) - GIST, low malignant potential
Pennsylvania (Lehigh Valley Hospital) - GIST
Pennsylvania (Magee Women's Hospital) - Gastrointestinal stromal tumor, GIST
Pennsylvania (Mt Nittany Medical Center) - GIST
Pennsylvania (Pennsylvania Hospital) - GIST
Puerto Rico (University of Puerto Rico) - Gastrointestinal stromal tumor
South Dakota (LCM Pathologists, P.C.) - GIST
Texas, Crystal Beach - Gastrointestinal stromal tumor
Texas, Houston - Gastric stromal tumor
Texas, Lubbock - Gastrointestinal stromal tumor
Texas (Propath Services) - GIST, gastrointestinal stromal tumor
Texas (Scott & White Memorial Hospital) - GIST
Texas (St. Lukes Episcopal Hospital) - GIST
Texas, Sugarland - Gastrointestinal stromal tumor
Texas, Temple - GIST
Washington (Seattle VA Medical Center) - Spindle cell neoplasm, behavior spectrum uncertain, gastrointestinal stromal tumor
West Virginia (Greensbrier Valley Medical Center) - Gastrointestinal stromal tumor
West Virginia (Wetzel County Hospital) - GIST
Wisconsin (St Mary's Hospital Medical Center) - Gastrointestinal stromal tumor
Australia (Royal Prince Alfred Hospital) - Gastrointestinal stromal tumor
Australia (Sullivan Nicolaides Pathology) - GIST
Brazil (Laboratorio Anatomia Pathologica Ecitologia) - GIST
Canada (Pasqua Hospital) - GIST
Canada (Sherbrooke University Hospital) - GIST
Hong Kong (Hong Kong Baptist Hospital) - GIST of uncertain malignant potential
Ireland, Galway Residents - Gastrointestinal stromal tumor (GIST)
Ireland (Kerry General Hospital) - GIST
Jamaica (The University of West Indies) - GIST
Japan (Asashi General Hospital) - Gastrointestinal stromal tumor
Japan (Kyoto University Hospital) - Gastrointestinal stromal tumor
Oman (Khoula Hospital) - Gastrointestinal stromal tumor
Qatar (Hamad Medical Corporation) - Gastrointestinal stromal tumor
Saudi Arabia (King Fahad National Guard Hospital) - Gastrointestinal stromal tumor
United Kingdom (Oxford Study Group - Gastrointestinal stromal tumor, stomach

Case 5 - Diagnosis:

Gastrointestinal stromal tumor (GIST), stomach
T-63000, M-88903

Case 5 - References:

Haller F, Schulten HJ, Armbrust T, et al. Multicentric Sporadic Gastrointestinal Stromal Tumors (GISTs) of the Stomach with Distinct Clonal Origin. Differential Diagnosis to Familial and Syndromal GIST Variants and Peritoneal Metastasis. *Am J Surg Pathol* 2007; 31(6):933-937.

Pitsinis V, Khan AZ, Cranshaw I, et al. Single Center Experience of Laparoscopic vs. Open Resection for Gastrointestinal Stromal Tumors of the Stomach. *Hepatogastroenterology* 2007; 54(74):606-608.

Sauseng W, Benesch M, Lackner H, et al. Clinical, Radiological, and Pathological Findings in Four Children with Gastrointestinal Stromal Tumors of the Stomach. *Pediatr Hematol Oncol* 2007; 24(3):209-219.

Bertin M, Angriman I, Scarpa M, et al. Prognosis of Gastrointestinal Stromal Tumors. Hepatogastroenterology 2007; 54(73):124-128.

KIT-Negative Gastrointestinal Stromal Tumors with a Long Term Follow-Up a New Subgroup Does Exist. *World J Gastroenterol* 2007; 13(7):1098-1102.

Arcadia - Papillary cystadenoma (microcystic adenoma)
Arcadia (Quest Diagnostics) - Serous microcystic adenoma
Baldwin Park (Kaiser Permanente) - Microcystic (serous microcystic adenoma) (3)
Chico - Microcystic serous cystadenoma
Clovis - Microcystic serous cystadenoma, pancreas
Escondido - Serous microcystic adenoma (2)
Long Beach - Benign serous cystic adenoma (2)
Oakland - Microcystic cystadenoma
Oakland (Alameda County Medical Center) - Serous microcystic adenoma
Orange (UCI Medical Center) - Microcystic serous cystadenoma
Orinda (UCSF) - Serous cystadenoma
Sacramento (UC Davis Medical Center) - Serous microcystic cystadenoma
San Diego - Microcystic serous cystadenoma, pancreas
San Diego (Scripps Health) - Serous microcystic adenoma
San Diego (UCSD) - Serous cystadenoma
San Francisco (San Francisco General Hospital) - Serous macrocytic adenoma
Santa Barbara - Serous microcystic adenoma
Santa Rosa (Santa Rosa Memorial Hospital) - Microcystic adenoma (3)
Sonoma (Sonoma Valley Hospital) - Microcystic cystadenoma
Woodland Hills - Microcystic cystadenoma
Woodland Hills (Sudas Soldiers) - Microcystic adenoma
Alabama (Baptist Medical Center) - Serous cystadenoma, pancreas
Arkansas (University of Arkansas for Medical Science) - Serous microcystic adenoma, pancreas
Connecticut, West Hartford - Microcystic adenoma of pancreas
Florida - Microcystic adenoma, pancreas
Illinois, Burr Ridge - Microcystic cystadenoma, pancreas (2)
Illinois (Evanston Hospital) - Microcystic adenoma
Illinois (Heartland Regional Medical Center) - Serous microcystic adenoma
Illinois (Loyola University of Chicago) - Microcystic adenoma
Kansas, Cytocheck Laboratory LLC) - Cystadenoma of pancreas
Kansas (Physicians Reference Laboratory) - Macro and microcystic serous cystadenoma
Kentucky (University of Louisville) - Serous cystadenoma
Louisiana (LSU HSC Pathology) - Microcystic (serous) adenoma
Maryland (Northwest Hospital Center) - Microcystic serous cystadenoma
Maryland (University of Maryland) - Serous microcystadenoma
Massachusetts (Berkshire Medical Center) - Serous cysadenoma (microcystic adenoma)
Massachusetts , Peabody - Serous microcystic adenoma, pancreas
Massachusetts (Tufts/New England Medical Center) - Microcystic cystadenoma
Minnesota (Fairview Ridges Hospital) - Serous microcystic adenoma
Missouri (Missouri Delta Medical Center) - Microcystic adenoma
New Mexico - Serous microcystic adenoma
New York (Nassau University Medical Center) - Pancreatic serous cyst adenoma
New York (Stony Brook University Hospital) - Microcystic adenoma (serous cyst adenoma)
New York (SUNY Downstate Medical Center) - Serous microcystic adenoma, pancreas
Pennsylvania (Conemaugh Memorial Medical Center) - Serous cysadenoma of pancreas
Pennsylvania (Drexel University of Medicine) - Serous microcystic adenoma
Pennsylvania (Lehigh Valley Hospital) - Microcystic adenoma
Pennsylvania (Magee Women's Hospital) - Serous cyst adenoma/microcystic adenoma
Pennsylvania (Mt Nittany Medical Center) - Microcystic cystadenoma
Pennsylvania (Pennsylvania Hospital) - Serous microcystic adenoma
Puerto Rico (University of Puerto Rico) - Microcystic cystadenoma
South Dakota (LCM Pathologists, P.C.) - Microcystic cystadenoma
Texas, Crystal Beach - Serous microcystic adenoma of pancreas
Texas, Houston - Serous microcystic adenoma
Texas, Lubbock - Microcystic serous adenoma
Texas (Propath Services) - Microcystic serous cystadenoma
Texas (Scott & White Memorial Hospital) - Serous microcystic adenoma
Texas (St. Lukes Episcopal Hospital) - Serous microcystic adenoma
Texas, Sugarland - Serous microcystic adenoma
Texas, Temple - Serous cystadenoma
Washington (Seattle VA Medical Center) - Benign microcystic lesion, probably adenoma

West Virginia (Greensbrier Valley Medical Center) - Pancreatic serous microcystic adenoma
West Virginia (Wetzel County Hospital) - Serous cystadenoma
Wisconsin (St Mary's Hospital Medical Center) - Microcystic serous cystadenoma
Australia (Royal Prince Alfred Hospital) - Serous microcystic cystadenoma
Australia (Sullivan Nicolaides Pathology) - Microcystic serous cyst adenoma
Brazil (Laboratorio Anatomia Pathologica Ecitologia) - Serous cystadenoma microcystic
Canada (Pasqua Hospital) - Microcystic adenoma
Canada (Sherbrooke University Hospital) - Serous microcystic adenoma
Hong Kong (Hong Kong Baptist Hospital) - Microcystic cystadenoma
Ireland, Galway Residents - Microcystic adenoma of pancreas
Ireland (Kerry General Hospital) - Microcystic cystadenoma
Jamaica (The University of West Indies) - Microcystic cystadenoma/cystadenocarcinoma of the pancreas
Japan (Asashi General Hospital) - Serous microcystic adenoma
Japan (Kyoto University Hospital) - Serous cystadenoma, microcystic
Oman (Khoula Hospital) - Microcystic adenoma (serous cystadenoma)
Qatar (Hamad Medical Corporation) - Benign microcystic pancreatic adenoma
Saudi Arabia (King Fahad National Guard Hospital) - Microcystic serous cystadenoma
United Kingdom (Oxford Study Group - Microcystic cystadenoma, pancreas

Case 6 - Diagnosis:

Serous microcystic cystadenoma, pancreas
T-59000, M-81400

Case 6 - References:

Yamazaki K and Eyden B. An Immunohistochemical and Ultrastructural Study of Pancreatic Microcystic Serous Cyst Adenoma with Special Reference to Tumor-Associated Microvasculature and Vascular Endothelial Growth Factor in Tumor Cells. *Ultrastruct Pathol* 2006; 30(1):119-128.

Yasuhara Y, Sakaida N, Uemura Y, et al. Serous Microcystic Adenoma (Glycogen-Rich Cystadenoma) of the Pancreas. Study of 11 Cases Showing Clinicopathological and Immunohistochemical Correlations. *Pathol Int* (Australia) 2002; 52(4):307-312.

Chen F, Frankel WL and Wen P. Pathologic Quiz Case. A Multicystic Mass of the Pancreatic Body in a 70-Year Old Man. Serous Microcystic Adenoma of the Pancreas. *Arch Pathol Lab Med* 2004; 128(6):83-85.

Goldsmith JD. Cystic Neoplasms of the Pancreas. *Am J Clin Pathol* 2003; 119 Suppl pS3-16).

Kosmahl M, Wagner J, Peters K, et al. Serous Cystic Neoplasms of the Pancreas. An Immunohistochemical Analysis Revelaing Alpha-Inhibin, Neuro-Specific Enolas, and MUC6 as New Markers. *Am J Surg Pathol* 2004; 28(3):339-346.

Lal A, Bourtsos EP, De Frias DV, et al. Microcystic Adenoma of the Pancreas. Clinical, Radiologic, and Cytologic Features. *Cancer* 2004; 102(5):288-294.

Case No. 7, Accession No. 30179 May 2007 A

Arcadia - Mixed acinar endocrine carcinoma
Arcadia (Quest Diagnostics) - Adenocarcinoma
Baldwin Park (Kaiser Permanente) - Solid cyst pseudopapillary (3)
Chico - Acinar cell carcinoma
Clovis - Solid pseudopapillary tumor, pancreas
Escondido - Carcinoma, acinar cell (2)
Long Beach - Solid pseudopapillary tumor (2)
Oakland - Acinar cell carcinoma
Oakland (Alameda County Medical Center) - Acinar cell carcinoma
Orange (UCI Medical Center) - Solid pseudopapillary tumor
Orinda (UCSF) - Acinc cell carcinoma
Sacramento (UC Davis Medical Center) - Acinic cell carcinoma
San Diego - Mixed acinar-endocrine carcinoma, pancreas
San Diego (Scripps Health) - Solid pseudopapillary tumor
San Diego (UCSD) - Solid psudopapillary
San Francisco (San Francisco General Hospital) - Solid psudopapillary tumor
Santa Barbara - Acinar cell carcinoma
Santa Rosa (Santa Rosa Memorial Hospital) - Solid psudopapillary tumor of pancreas
Sonoma (Sonoma Valley Hospital) - Solid pseudopapillary tumor
Woodland Hills - Solid pseudopapillary tumor of the pancreas

Woodland Hills (Sudas Soldiers) - Solid and papillary "pseudo" neoplasm
Alabama (Baptist Medical Center) - Pancreatic acinar cell carcinoma
Arkansas (University of Arkansas for Medical Science) - Solid pseudopapillary tumor, pancreas
Connecticut, West Hartford - Solid psudopapillary neoplasm of pancreas
Florida - Carcinoid tumor
Illinois, Burr Ridge - Pancreatic endocrine neoplasm (1); Solid pseudopapillary tumor, pancreas (1)
Illinois (Evanston Hospital) - Acinar carcinoma
Illinois (Heartland Regional Medical Center) - Solid pseudopapillary tumor
Illinois (Loyola University of Chicago) - Solid pseudopapillary tumor
Kansas, Cytocheck Laboratory LLC) - Acinar cell tumor, malignant
Kansas (Physicians Reference Laboratory) - Acinar cell carcinoma
Kentucky (University of Louisville) - Solid psudopapillary tumor
Louisiana (LSU HSC Pathology) - Acinc cell carcinoma
Maryland (Northwest Hospital Center) - Acinar cell carcinoma
Maryland (University of Maryland) - Solid pseudopapillary tumor
Massachusetts (Berkshire Medical Center) - Acinar cell tumor
Massachusetts , Peabody - Pancreatic islet cell tumor
Massachusetts (Tufts/New England Medical Center) - Acinar cell tumor
Minnesota (Fairview Ridges Hospital) - Solid pseudopapillary tumor of pancreas
Missouri (Missouri Delta Medical Center) - Neuroendocrine tumor
New Mexico - Acinar cell carcinoma
New York (Nassau University Medical Center) - Acinic tumor
New York (Stony Brook University Hospital) - Acinar cell carcinoma
New York (SUNY Downstate Medical Center) - Solid pseudopapillary tumor
Pennsylvania (Conemaugh Memorial Medical Center) - Acinic cell carcinoma
Pennsylvania (Drexel University of Medicine) - Acinar cell carcinoma
Pennsylvania (Lehigh Valley Hospital) - Solid pseudopapillary tumor
Pennsylvania (Magee Women's Hospital) - Solid pseudopapillary tumor of pancreas
Pennsylvania (Mt Nittany Medical Center) - Solid pseudopapillary tumor
Pennsylvania (Pennsylvania Hospital) - Solid pseudopapillary tumor
Puerto Rico (University of Puerto Rico) - Acinar cell carcinoma
South Dakota (LCM Pathologists, P.C.) - Solid pseudopapillary tumor
Texas, Crystal Beach - Acinar cell carcinoma
Texas, Houston - Well-differentiated endocrine tumor
Texas, Lubbock - Acinar carcinoma
Texas (Propath Services) - Pancreatoblastoma
Texas (Scott & White Memorial Hospital) - Solid and pseudopapillary tumor
Texas (St. Lukes Episcopal Hospital) - Acinar cell carcinoma
Texas, Sugarland - Solid pseudopapillary tumor
Texas, Temple - Solid pseudopapillary tumor
Washington (Seattle VA Medical Center) - Malignant epithelial neoplasm, probably acinic cell carcinoma
West Virginia (Wetzel County Hospital) - Solid cystic papillary epithelial neoplasm
Wisconsin (St Mary's Hospital Medical Center) - Solid pseudopapillary tumor
Australia (Royal Prince Alfred Hospital) - Solid pseudopapillary tumor of pancreas
Australia (Sullivan Nicolaides Pathology) - Pancreatic acinar carcinoma
Brazil (Laboratorio Anatomia Pathologica Ecitologia) - Well-differentiated neuroendocrine tumor of the pancreas
Canada (Pasqua Hospital) - Solid pseudopapillary carcinoma
Canada (Sherbrooke University Hospital) - Solid pseudopapillary tumor/mixed acinar endocrine carcinoma
Hong Kong (Hong Kong Baptist Hospital) - Acinar cell carcinoma
Ireland, Galway Residents - Solid pseudopapillary tumor of pancreas
Ireland (Kerry General Hospital) - Pancreatic endocrine tumor
Jamaica (The University of West Indies) - Hemangioma
Japan (Asashi General Hospital) - Solid pseudopapillary neoplasm
Japan (Kyoto University Hospital) - Solid pseudopapillary neoplasm
Oman (Khoula Hospital) - Solid cystic papillary epithelial neoplasm (1); Acinar cell carcinoma (1)
Qatar (Hamad Medical Corporation) - Solid pseudopapillary tumor
Saudi Arabia (King Fahad National Guard Hospital) - Solid pseudopapillary tumor
United Kingdom (Oxford Study Group - Acinar cell carcinoma, pancreas

Case 7 - Diagnosis:

Solid pseudopapillary tumor, pancreas
T-59000, M-03090

Case 7 - References:

Klimstra DS. Nonductal Neoplasms of the Pancreas. *Mod Pathol* 2007; Suppl 1:S94-112.

De Castro SM, Singhal D, Aronson DC, et al. Management of Solid-Pseudopapillaary Neoplasms of the Pancreas. A Comparison with Standard Pancreatic Neoplasms. *World J Surg* 2007; 31(5):1130-1135.

Hernandez JM, Centeno BA and Kelley ST. Solid Pseudopapillary Tumors of the Pancreas. Case Presentation and Review of the Literature. *Am Surg* 2007; 73(3):290-293.

Rutland B, Pollock J, Thompson L, et al. Solid-Pseudopapillary Tumor. A Report of Three Cases in Adult Males Diagnosed Utilizing Three Different Modalities. *Diagn Cytopathol* 2007; 35(4):234-238.

Choi SH, Kim SM, Oh JT, et al. Solid Pseudopapillary Tumor of the Pancreas. A Multicenter Study of 23 Pediatric Cases. *J Pediatr Surg* 2006; 41(12):1992-1995.

Case No. 8, Accession No. 30526 May 2007 A

Arcadia - Leiomyosarcoma vs. stromal sarcoma
Arcadia (Quest Diagnostics) - Leiomyosarcoma
Baldwin Park (Kaiser Permanente) - Leiomyosarcoma (3)
Chico - Leiomyosarcoma
Clovis - Leiomyosarcoma, uterus
Escondido - Leiomyosarcoma (2)
Long Beach - Leiomyosarcoma (2)
Oakland - Sarcoma, favor MMT ovary leiomyosarcoma
Oakland (Alameda County Medical Center) - Leiomyosarcoma
Orange (UCI Medical Center) - Leiomyosarcoma
Orinda (UCSF) - Leiomyosarcoma
Sacramento (UC Davis Medical Center) - Symplastic leiomyoma vs. leiomyosarcoma
San Diego - Leiomyosarcoma, uterus
San Diego (Scripps Health) - Leiomyosarcoma
San Diego (UCSD) - Leiomyosarcoma
San Francisco (San Francisco General Hospital) - Leiomyosarcoma
Santa Barbara - Leiomyosarcoma
Santa Rosa (Santa Rosa Memorial Hospital) - Leiomyosarcoma (3)
Sonoma (Sonoma Valley Hospital) - Leiomyosarcoma
Woodland Hills - Leiomyosarcoma
Woodland Hills (Sudas Soldiers) - Leiomyosarcoma
Alabama (Baptist Medical Center) - Leiomyosarcoma, uterus
Arkansas (University of Arkansas for Medical Science) - Leiomyosarcoma, uterus
Connecticut, West Hartford - Leiomyosarcoma
Florida - Leiomyosarcoma
Illinois, Burr Ridge - Leiomyosarcoma (2)
Illinois (Evanston Hospital) - Leiomyosarcoma
Illinois (Heartland Regional Medical Center) - Leiomyosarcoma
Illinois (Loyola University of Chicago) - Leiomyosarcoma
Kansas, Cytocheck Laboratory LLC) - Leiomyosarcoma
Kansas (Physicians Reference Laboratory) - Leiomyosarcoma
Kentucky (University of Louisville) - Leiomyosarcoma
Louisiana (LSU HSC Pathology) - Leiomyosarcoma
Maryland (Northwest Hospital Center) - Leiomyosarcoma
Maryland (University of Maryland) - Leiomyosarcoma
Massachusetts (Berkshire Medical Center) - Leiomyosarcoma
Massachusetts , Peabody - Leiomyosarcoma
Massachusetts (Tufts/New England Medical Center) - Leiomyosarcoma
Minnesota (Fairview Ridges Hospital) - Leiomyosarcoma
Missouri (Missouri Delta Medical Center) - Leiomyosarcoma
New Mexico - Leiomyosarcoma
New York (Nassau University Medical Center) - Leiomyosarcoma
New York (Stony Brook University Hospital) - Leiomyosarcoma
New York (SUNY Downstate Medical Center) - Leiomyosarcoma
Pennsylvania (Conemaugh Memorial Medical Center) - Leiomyosarcoma
Pennsylvania (Drexel University of Medicine) - Leiomyosarcoma
Pennsylvania (Lehigh Valley Hospital) - Leiomyosarcoma
Pennsylvania (Magee Women's Hospital) - Leiomyosarcoma

Pennsylvania (Mt Nittany Medical Center) - Leiomyosarcoma
Pennsylvania (Pennsylvania Hospital) - Leiomyosarcoma
Puerto Rico (University of Puerto Rico) - Leiomyosarcoma
South Dakota (LCM Pathologists, P.C.) - Leiomyosarcoma
Texas, Crystal Beach - Endometrial stromal sarcoma consistent with leiomyomatous differentiation
Texas, Houston - Leiomyosarcoma
Texas, Lubbock - Leiomyosarcoma
Texas (Propath Services) - High grade leiomyosarcoma
Texas (Scott & White Memorial Hospital) - Leiomyosarcoma
Texas (St. Lukes Episcopal Hospital) - Leiomyosarcoma
Texas, Sugarland - Leiomyosarcoma
Texas, Temple - Leiomyosarcoma
Washington (Seattle VA Medical Center) - Malignant spindle cell neoplasm; probable leiomyosarcoma
West Virginia (Greensbrier Valley Medical Center) - Uterine leiomyosarcoma
West Virginia (Wetzel County Hospital) - Atypical leiomyoma
Wisconsin (St Mary's Hospital Medical Center) - Leiomyosarcoma
Australia (Royal Prince Alfred Hospital) - Leiomyosarcoma
Australia (Sullivan Nicolaides Pathology) - Low grade leiomyosarcoma
Brazil (Laboratorio Anatomia Pathologica Ecitologia) - Leiomyosarcoma
Canada (Pasqua Hospital) - Leiomyosarcoma
Canada (Sherbrooke University Hospital) - Leiomyosarcoma
Hong Kong (Hong Kong Baptist Hospital) - Leiomyosarcoma
Ireland, Galway Residents - Leiomyosarcoma
Ireland (Kerry General Hospital) - Leiomyosarcoma
Jamaica (The University of West Indies) - Leiomyosarcoma
Japan (Asashi General Hospital) - Atypical leiomyoma
Japan (Kyoto University Hospital) - Leiomyosarcoma
Oman (Khoula Hospital) - Leiomyosarcoma
Qatar (Hamad Medical Corporation) - Leiomyosarcoma
Saudi Arabia (King Fahad National Guard Hospital) - Uterine leiomyosarcoma
United Kingdom (Oxford Study Group - Leiomyosarcoma, uterus

Case 8 - Diagnosis:

Leiomyosarcoma, uterus
T-82000, M-88903

Case 8 - References:

Coard KC and Fletcher HM. Leiomyosarcoma of the Uterus with a Florid Intravascular Component ("Intravenous Leiomyosarcomastosis"). *Int J Gynecol Pathol* 2002; 21(2):182-185.

Oda K, Okada S, Nei T, et al. Cytodiagnostic Problems in Uterine Sarcoma. Analysis According to a Novel Classification of Tumor Growth Types. *Acta Cytol* 2004; 48(2):181-186.

Ohta Y, Suzuki T, Shiokawa A, et al. A Case of Uterine Adenomyoma with Bizarre Smooth Muscle Cells Mimicking Leiomyosarcoma. *Diagn Cytopathol* 2005; 32(5):288-291.

Giuntoli RL, Metzinger DS, Di Marco CS, et al. Retrospective Review of 208 Patients with Leiomyosarcoma of the Uterus. Prognostic Indicators, Surgical Management, and Adjuvant Therapy. *Gynecol Oncol* 2003; 89(3):460-490.

Dinh TA, Oliva EA, Fuller AF, et al. The Treatment of Uterine Leiomyosarcoma. Results From a 10-Year Experience (1990-1999) at the Massachusetts General Hospital. *Gynecol Oncol* 2004; 92(2):648-652.

Leitao MM, Sonoda Y, Brennan MF, et al. Incidence of Lymph Node and Ovarian Metastases in Leiomyosarcoma of the Uterus. *Gynecol Oncol* 2003; 91(1):209-212.

Case No. 9, Accession No. 30234 May 2007 A

Arcadia - Poorly differentiated papillary cystadenocarcinoma
Arcadia (Quest Diagnostics) - Carcinosarcoma
Baldwin Park (Kaiser Permanente) - Poorly differentiated carcinoma, high grade (3)
Chico - Serous carcinoma
Clovis - Papillary serous carcinoma, high grade, ovary
Escondido - Carcinoma, NOS (1); Poorly differentiated carcinoma (1)

Long Beach - Malignant mixed Mullerian tumor (MMMT) (2)
Oakland - Adenocarcinoma
Oakland (Alameda County Medical Center) - Adenocarcinoma (favor ovarian origin)
Orange (UCI Medical Center) - MMMT, carcinosarcoma
Orinda (UCSF) - High grade serous carcinoma
Sacramento (UC Davis Medical Center) - Poorly differentiated carcinoma, ovarian primary
San Diego - Serous vs. endometrioid carcinoma, ovary
San Diego (Scripps Health) - Carcinosarcoma
San Diego (UCSD) - Papillary serous carcinoma, FIGO 3
San Francisco (San Francisco General Hospital) - Carcinosarcoma
Santa Barbara - Krukenberg tumor
Santa Rosa (Santa Rosa Memorial Hospital) - Papillary adenocarcinoma (3)
Sonoma (Sonoma Valley Hospital) - Poorly differentiated papillary serous cystadenocarcinoma
Woodland Hills - Poorly differentiated serous carcinoma
Woodland Hills (Sudas Soldiers) - Poorly differentiated carcinoma
Alabama (Baptist Medical Center) - Malignant mixed Mullerian tumor
Arkansas (University of Arkansas for Medical Science) - Ovarian adenocarcinoma, favor clear cell type
Connecticut, West Hartford - Poorly differentiated endometrioid carcinoma of ovary
Florida - Carcinosarcoma
Illinois, Burr Ridge - Poorly differentiated serous carcinoma, ovary (1); High grade serous papillary carcinoma, ovary (1)
Illinois (Evanston Hospital) - Serous carcinoma
Illinois (Heartland Regional Medical Center) - Endometrioid adenocarcinoma
Illinois (Loyola University of Chicago) - Poorly differentiated ovarian carcinoma
Kansas, Cytocheck Laboratory LLC) - Adenocarcinoma
Kansas (Physicians Reference Laboratory) - Carcinosarcoma
Kentucky (University of Louisville) - High grade papillary serous adenocarcinoma
Louisiana (LSU HSC Pathology) - Serous papillary cystadenocarcinoma
Maryland (Northwest Hospital Center) - Serous papillary adenocarcinoma
Maryland (University of Maryland) - Serous and transitional cell carcinoma
Massachusetts (Berkshire Medical Center) - High grade serous cell adenocarcinoma
Massachusetts , Peabody - Teratocarcinoma, ovary
Massachusetts (Tufts/New England Medical Center) - Malignant mixed Mullerian tumor
Minnesota (Fairview Ridges Hospital) - High grade carcinoma, serous carcinoma
Missouri (Missouri Delta Medical Center) - Papillary cancer metastasis
New Mexico - Metastatic adenocarcinoma
New York (Nassau University Medical Center) - Papillary serous cyst adenocarcinoma
New York (Stony Brook University Hospital) - Carcinosarcoma
New York (SUNY Downstate Medical Center) - Carcinosarcoma
Pennsylvania (Conemaugh Memorial Medical Center) - Poorly differentiated mucinous carcinoma
Pennsylvania (Drexel University of Medicine) - Poorly differentiated adenocarcinoma, favor endometrioid type
Pennsylvania (Lehigh Valley Hospital) - Clear cell carcinoma
Pennsylvania (Magee Women's Hospital) - Metastatic poorly differentiated carcinoma, favor GI
Pennsylvania (Mt Nittany Medical Center) - Clear cell carcinoma
Pennsylvania (Pennsylvania Hospital) - Carcinosarcoma
Puerto Rico (University of Puerto Rico) - Undifferentiated carcinoma
South Dakota (LCM Pathologists, P.C.) - Carcinosarcoma
Texas, Crystal Beach - Transitional cell carcinoma of ovary (rule out malignant Brenner tumor)
Texas, Houston - Poorly differentiated adenocarcinoma
Texas, Lubbock - Papillary serous carcinoma
Texas (Propath Services) - Poorly differentiated adenocarcinoma, favor colon origin
Texas (Scott & White Memorial Hospital) - Malignant mixed Mullerian tumor
Texas (St. Lukes Episcopal Hospital) - Ovarian carcinoma
Texas, Sugarland - Malignant mixed Mullerian tumor
Texas, Temple - Malignant mixed Mullerian tumor
Washington (Seattle VA Medical Center) - Malignant mixed epithelial neoplasm, high grade growth pattern
West Virginia (Greensbrier Valley Medical Center) - Endometrioid ovarian adenocarcinoma
West Virginia (Wetzel County Hospital) - Metastatic adenocarcinoma
Wisconsin (St Mary's Hospital Medical Center) - High grade papillary serous carcinoma
Australia (Royal Prince Alfred Hospital) - Serous papillary carcinoma
Australia (Sullivan Nicolaides Pathology) - Ovarian serous carcinoma
Brazil (Laboratorio Anatomia Pathologica Ecitologia) - Poorly differentiated carcinoma, ovary (papillary serous type)
Canada (Pasqua Hospital) - Endometrioid carcinoma vs. colonic carcinoma
Canada (Sherbrooke University Hospital) - Poorly differentiated carcinoma

Hong Kong (Hong Kong Baptist Hospital) - Transitional cell carcinoma
Ireland, Galway Residents - Malignant mixed Mullerian tumor (MMMT)
Ireland (Kerry General Hospital) - Serous carcinoma
Jamaica (The University of West Indies) - Adenocarcinoma
Japan (Asashi General Hospital) - Mucinous adenocarcinoma
Japan (Kyoto University Hospital) - Metastatic carcinoma
Oman (Khoula Hospital) - Serous adenocarcinoma
Qatar (Hamad Medical Corporation) - High grade carcinoma most probably ovarian origin
Saudi Arabia (King Fahad National Guard Hospital) - Undifferentiated carcinoma
United Kingdom (Oxford Study Group - Poorly differentiated adenocarcinoma, ovary

Case 9 - Diagnosis:

Malignant mixed Mullerian tumor (MMMT), ovary
T-87000, M-89803

Case 9 - References:

Jin Z, Ogata S, Tamura G, et al. Carcinosarcomas (Malignant Mullerian Mixed Tumors) of the Uterus and Ovary. A Genetic Study with Special Reference to Histogenesis. *Int J Gynecol Pathol* 2003; 22(4):368-373.
Mikami M, Kuwabara Y, Tanaka K, et al. Malignant Mixed Mullerian Tumor of Primary Mesenteric Origin. *Int J Gynecol Cancer* 2005; 15(6):1249-1253.
Burns BA, Geisler JP, Hatterman-Zogg MA, et al. Malignant Mixed Mullerian Tumor of the Ovary and Bilateral Breast Cancer. An Argument for BRCA3, or a Coincidental Cluster of Unconnected Cancers? *Gynecol Oncol* 2004; 95(3):773-774./*Gynecol Oncol* 2003; 91(2):426-428.
Barnholtz-Sloan JS, Morris R, Malone JM, et al. Survival of Women Diagnosed with Malignant, Mixed Mullerian Tumors of the Ovary (OMMMT). *Gynecol Oncol* 2004; 93(2):506-512.

Case No. 10, Accession No. 30281 May 2007 A

Arcadia - High grade desmoplastic malignant melanoma
Arcadia (Quest Diagnostics) - Malignant fibrous histiocytoma
Baldwin Park (Kaiser Permanente) - Malignant fibrous histiocytoma (3)
Chico - Spindle cell sarcoma, NOS (MFH) vs. myofibroblastic sarcoma
Clovis - Malignant fibrous histiocytoma
Escondido - Malignant fibrous histiocytoma like sarcoma (2)
Long Beach - Malignant fibrous histiocytoma (MFH) (2)
Oakland - Malignant fibrous histiocytoma
Oakland (Alameda County Medical Center) - Pleomorphic sarcoma
Orange (UCI Medical Center) - Pleomorphic sarcoma
Orinda (UCSF) - Spindle cell sarcoma
Sacramento (UC Davis Medical Center) - Malignant fibrous histiocytoma
San Diego - Malignant fibrous histiocytoma
San Diego (Scripps Health) - Pleomorphic storiform, MFH
San Diego (UCSD) - Pleomorphic, MFH
San Francisco (San Francisco General Hospital) - Dermatofibrosarcoma protuberans
Santa Barbara - Nodular fasciitis
Santa Rosa (Santa Rosa Memorial Hospital) - Malignant fibrous histiocytoma (3)
Sonoma (Sonoma Valley Hospital) - Malignant fibrous histiocytoma
Woodland Hills - Malignant fibrous histiocytoma
Woodland Hills (Sudas Soldiers) - Malignant fibrous histiocytoma
Alabama (Baptist Medical Center) - Malignant fibrous histiocytoma
Arkansas (University of Arkansas for Medical Science) - Pleomorphic high grade sarcoma/MFH, thigh
Connecticut, West Hartford - Malignant fibrohistiocytoma (MFH)
Florida - Malignant fibrous histiocytoma
Illinois, Burr Ridge - Leiomyosarcoma (1); Malignant fibrous histiocytoma (1)
Illinois (Evanston Hospital) - Sarcoma, unclassified
Illinois (Heartland Regional Medical Center) - Malignant fibrous histiocytoma
Illinois (Loyola University of Chicago) - Malignant fibrous histiocytoma
Kansas, Cytocheck Laboratory LLC) - Malignant fibrous histiocytoma
Kansas (Physicians Reference Laboratory) - Malignant fibrous histiocytoma
Kentucky (University of Louisville) - Undifferentiated high grade pleomorphic sarcoma

Louisiana (LSU HSC Pathology) - Malignant fibrous histiocytoma
Maryland (Northwest Hospital Center) - Undifferentiated sarcoma
Maryland (University of Maryland) - Malignant fibrous histiocytoma
Massachusetts (Berkshire Medical Center) - Malignant fibrous histiocytoma
Massachusetts , Peabody - Malignant fibrous histiocytoma, leg
Massachusetts (Tufts/New England Medical Center) - Atypical fibroxanthoma
Minnesota (Fairview Ridges Hospital) - Dendentric cell sarcoma
Missouri (Missouri Delta Medical Center) - Sarcoma (melanoma)
New Mexico - Angiosarcoma
New York (Nassau University Medical Center) - Malignant fibrous histiocytoma
New York (Stony Brook University Hospital) - Malignant fibrous histiocytoma
New York (SUNY Downstate Medical Center) - Malignant fibrous histiocytoma
Pennsylvania (Conemaugh Memorial Medical Center) - Malignant fibrous histiocytoma
Pennsylvania (Drexel University of Medicine) - Malignant fibrous histiocytoma
Pennsylvania (Lehigh Valley Hospital) - High grade sarcoma, NOS
Pennsylvania (Magee Women's Hospital) - Malignant fibrous histiocytosis
Pennsylvania (Mt Nittany Medical Center) - Malignant fibrous histiocytoma
Pennsylvania (Pennsylvania Hospital) - Malignant fibrous histiocytoma
Puerto Rico (University of Puerto Rico) - Pleomorphic sarcoma
South Dakota (LCM Pathologists, P.C.) - Malignant fibrous histiocytoma
Texas, Crystal Beach - Dermatofibrosarcoma protuberans
Texas, Houston - Fibrosarcoma
Texas, Lubbock - Malignant fibrous histiocytoma
Texas (Propath Services) - Malignant fibrous histiocytoma
Texas (Scott & White Memorial Hospital) - High grade spindle cell sarcoma
Texas (St. Lukes Episcopal Hospital) - Malignant fibrous histiocytoma
Texas, Sugarland - Malignant fibrous histiocytoma
Texas, Temple - Malignant fibrous histiocytoma
Washington (Seattle VA Medical Center) - Malignant neoplasm, high grade growth pattern, sarcoma, possibly angio
West Virginia (Greensbrier Valley Medical Center) - Malignant fibrous histiocytoma
West Virginia (Wetzel County Hospital) - Malignant fibrous histiocytoma
Wisconsin (St Mary's Hospital Medical Center) - Malignant fibrous histioctyoma
Australia (Royal Prince Alfred Hospital) - Malignant fibrous histiocytoma
Australia (Sullivan Nicolaides Pathology) - Malignant fibrous histiocytoma
Brazil (Laboratorio Anatomia Pathologica Ecitologia) - High grade pleomorphic undifferentiated sarcoma, so called MFH
Canada (Pasqua Hospital) - Malignant fibrous histiocytoma
Canada (Sherbrooke University Hospital) - Malignant fibrous histiocytoma
Hong Kong (Hong Kong Baptist Hospital) - Malignant fibrous histiocytoma
Ireland, Galway Residents - Malignant fibrous histiocytoma
Ireland (Kerry General Hospital) - Undifferentiated sarcoma
Jamaica (The University of West Indies) - Malignant fibrous histiocytoma
Japan (Asashi General Hospital) - Malignant fibrous histiocytoma
Japan (Kyoto University Hospital) - Undifferentiated high grade sarcoma
Oman (Khoula Hospital) - Malignant fibrous histiocytoma
Qatar (Hamad Medical Corporation) - Malignant fibrous histiocytoma
Saudi Arabia (King Fahad National Guard Hospital) - Malignant fibrous histiocytoma (MFH)
United Kingdom (Oxford Study Group - Pleomorphic undifferentiated sarcoma, leg

Case 10 - Diagnosis:

Malignant fibrous histiocytoma (MFH), leg
T-Y9400, M-88303

Case 10 - References:

Matsuo T, Sugita T, Shimose S, et al. Postradiation malignant Fibrous Histiocytoma and Osteosarcoma of a Patient with High Telomerase Activities. *Anticancer Res* 2005; 25(4):2951-2955.
Treatment Results and Prognostic Factors in Ptients with Malignant Fibrous Histiocytoma. *Acta Oncol* 2004; 43(6): 530-555.
Daw NC, Billups CA, Pappo AS, et al. Malignant Fibrous Histiocytoma and Other Fibrohistiocytic Tumors in Pediatric Patients. The St. Jude Children's Research Hospital Experience. *Cancer* 2003; 97(11):2839-2847.
Peiper M, Zurakowski D, Knoefel WT, et al. Malignant Fibrous Histiocytoma of the Extremities and Trunk. An Institutional Review. *Surg* 2004; 135(1): 59-66.
Tos AP. Classification of Pleomorphic Sarcomas. Where Are We Now? *Histopathol* 2006; 48(1):51-62.

Belal A, Kandil A, Allam A, et al. Malignant Fibrous Histiocytoma. A Retrospective Study of 109 Cases. *Am J Clin Oncol* 2002; 25(1):16-22.