

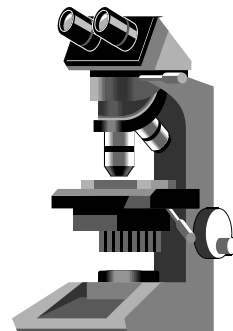


CALIFORNIA
TUMOR TISSUE REGISTRY

GENERAL PATHOLOGY

Minutes – Subscription B

April 2010



SUGGESTED READING (General Topics from Recent Literature):

The Value of Monitoring Human Papillomavirus DNA Results for Papanicolaou Tests Diagnosed as Atypical Squamous Cells of Undetermined Significance. Tworek JA, Jones BA, et al. *Arch Pathol Lab Med* 2007; 131:1525-1531.

Prognostic Significance of p53 Gene Mutations and Protein Overexpression in Localized Gastrointestinal Stromal Tumors. Ryu MH, Kang YK, et al. *Histopathol* 2007; 51:379-389.

Biomarker-Assisted Diagnosis of Ovarian, Cervical and Pulmonary Small Cell Carcinomas. The Role of TTF-1, WT-1 and HPV Analysis. Carlson JW, Nucci MR, et al. *Histopathol* 2007; 51:305-312.

Sarcomatoid Carcinoma of the Lung. Histologic Criteria and Common Lesions in the Differential Diagnosis. Franks TJ and Galvin JR. *Arch Pathol Lab Med* 2010; 134:49-54.

Follicular Lymphomas with Plasmacytic Differentiation Include Two Subtypes. Gradowski JF, Jaffe ES, et al. *Mod Pathol* 2010; 23:71-79.

California Tumor Tissue Registry
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FILE DIAGNOSES

CTTR Subscription B

April 2010

Case 1:

Myxoid neurofibroma, spermatic cord
T-79300, M-95400

Case 2:

Schwannoma with degenerative changes, presacral
T-Y1410, M-95600

Case 3:

Microcystic serous cystadenoma, pancreas
T-59000, M-84410

Case 4:

Mucinous (non-cystic) adenocarcinoma, pancreas
T-59000, M-81403

Case 5:

Malignant melanoma, lip
T-52000, M-87203

Case 6:

Malignant melanoma (nodular), auricular region and parotid
T-55100, M-87203

Case 7:

Hydatidiform mole (complete), uterus
T-82000, M-91000

Case 8:

Well-differentiated hepatocellular carcinoma, liver
T-56000, M-81703

Case 9:

Myxolipoma (lipoma with myxoid change), back
T-Y1100, M-88520

Case 10:

PNET/Ewing sarcoma, uterus and pelvis
T-Y6221, M-93630

Costa Mesa (College Hospital) - Desmoid
Chico - Neurofibroma vs. atypical lipomatous tumor (spindle cell type)
Duarte (City of Hope) - Neurofibroma
Glendale - Neurofibroma
Woodland Hills (Suda's Soldiers) - Neurofibroma
Florida (Naples Pathology Associates) - Neurothekeoma
Georgia, Atlanta - Neurofibroma, myxoid
Georgia (Oconee Regional Medical Center) - Neurofibroma
Kansas (Peterson Laboratory Services) - Neurofibroma
Illinois (Heartland Regional Medical Center) - Myxoid neurofibroma/PNST
Louisiana (LSUHSC Pathology) - Neurofibroma
Maryland (University of Maryland) - Neurofibroma
New York (St. Luke's-Roosevelt Hospital) - Neurofibroma (2)
New York (SUNY Downstate Medical Center Residents) - Neurofibroma
New York (SUNY Stony Brook) - Myxoid neurofibroma
New York (Westchester Medical Center) - Neurofibroma consistent with myxoid degeneration
Ohio, Columbus - Low grade fibromyxoid sarcoma vs. elastofibroma vs. myxoid neurofibroma vs. neurothekeoma
Ohio (The University of Toledo) - Myxoid neurofibroma
Pennsylvania (Conemaugh Memorial Medical Center) - Spindle cell liposarcoma
Pennsylvania (Drexel University College of Medicine) - Neurofibromatosis
Pennsylvania (Magee Women's Hospital) - Myxoid neurofibroma
Puerto Rico (University of Puerto Rico) - Nerve sheath myxoma/schwannoma
Knocksville, Tennessee - Fibrous pseudotumor
Texas, Crystal Beach - Schwannoma
Texas, San Antonio - Myxoid neurofibroma
Texas, Lubbock - Myxoid neurofibroma
Wisconsin, Madison - Spindle cell lipoma
Australia (Royal Prince Alfred Hospital) - Collagenous neurofibroma
Australia (St. Vincent's Hospital, Sydney) - Myxoid neurofibroma
Canada (University of Sherbrooke) - Myxoid neurofibroma
Japan (Asahi General Hospital) - Neurofibroma
Japan (Shizuoka Tokushukai Hospital) - Schwannoma
Japan (University of Yamanashi) - Neurofibroma
Spain (Provisa Medical Center) - Myxoid neurofibroma
The Netherlands, Amstelveen - Schwannoma
United Kingdom (John Radcliffe Hospital) - Neurofibroma

Case 1 - Diagnosis:

Myxoid neurofibroma, spermatic cord
T-79300, M-95400

Case 1 - References:

Multinucleate giant cells in neurofibromas: a clue to the diagnosis of neurofibromatosis. Taungjaruwina WM; Goldberg LJ. *J Cutan Pathol* 2009 Nov;36(11): p1164-7.
Floret-like multinucleated giant cells in a neurofibromatosis type 1-associated neurofibroma. Swick BL. *Am J Dermatopathol* 2008 Dec;30(6): p632-4.
Pure sclerotic neurofibroma: a neurofibroma mimicking sclerotic fibroma. Gonzalez-Vela MC; Val-Bernal JF, et al. *J Cutan Pathol* 2006 Jan;33(1): p47-50.
Immunohistochemical staining for calretinin is useful for differentiating schwannomas from neurofibromas. Fine SW; McClain SA; Li M. *Am J Clin Pathol* 2004 Oct;122(4): p552-9.
A childhood case of intrascrotal neurofibroma with a brief review of the literature. Turkyilmaz Z; Sonmez K, et al. *J Pediatr Surg* 2004 Aug;39(8): p1261-3.
What are the CD34+ cells in benign peripheral nerve sheath tumors? Double immunostaining study of CD34 and S-100 protein. Khalifa MA; Montgomery EA; Ismail N; Azumi N. *Am J Clin Pathol* 2000 Jul;114(1): p123-6.

Costa Mesa (College Hospital) - Hibernoma
Chico - Schwannoma
Duarte (City of Hope) - Ancient schwannoma
Glendale - Schwannoma
Woodland Hills (Suda's Soldiers) - Schwannoma
Florida (Naples Pathology Associates) - Rosai-Dorfman disease
Georgia, Atlanta - Schwannoma with degenerative changes
Georgia (Oconee Regional Medical Center) - Ancient schwannoma
Kansas (Peterson Laboratory Services) - Schwannoma
Illinois (Heartland Regional Medical Center) - Schwannoma
Louisiana (LSUHSC Pathology) - Xanthofibroma
Maryland (University of Maryland) - Schwannoma
New York (St. Luke's-Roosevelt Hospital) - Schwannoma (2)
New York (SUNY Downstate Medical Center Residents) - Schwannoma
New York (SUNY Stony Brook) - Fibrous histiocytoma
New York (Westchester Medical Center) - Psammomatous melanotic schwannoma
Ohio, Columbus - Xanthogranuloma vs. Langerhans cell histiocytosis vs. xanthoma vs. benign fibrous histiocytoma
Ohio (The University of Toledo) - Sacral xanthoma
Pennsylvania (Conemaugh Memorial Medical Center) - Inflammatory malignant fibrous histiocytoma
Pennsylvania (Drexel University College of Medicine) - Angiomyolipoma
Pennsylvania (Magee Women's Hospital) - Schwannoma
Puerto Rico (University of Puerto Rico) - Xanthogranuloma
Knocksville, Tennessee - Rosai Dorfman disease
Texas, Crystal Beach - Xanthogranulomatous inflammation
Texas, San Antonio - Schwannoma
Texas, Lubbock - Xanthofibroma
Wisconsin, Madison - Xanthogranulomatous reaction, rule out malakoplakia
Australia (Royal Prince Alfred Hospital) - Schwannoma
Australia (St. Vincent's Hospital, Sydney) - Schwannoma
Canada (University of Sherbrooke) - Chordoma
Japan (Asahi General Hospital) - Schwannoma with xanthomatous change
Japan (Shizuoka Tokushukai Hospital) - Nodular fasciitis
Japan (University of Yamanashi) - Melanocytic schwannoma
Spain (Provisa Medical Center) - Hibernoma
The Netherlands, Amstelveen - Rosai Dorfman
United Kingdom (John Radcliffe Hospital) - Pigmented villonodular synovitis

Case 2 - Diagnosis:

Schwannoma with degenerative changes, presacral
T-Y1410, M-95600

Case 2 - References:

Cytohistologic correlations in schwannomas (neurilemmomas), including "ancient," cellular, and epithelioid variants.
Klijanienko J; Caillaud JM, et al. *Diagn Cytopathol* 2006 Aug;34(8): p517-22.
Fine-needle aspiration of neurilemoma (schwannoma). A clinicocytopathologic study of 116 patients. Domanski HA;
Akerman M, et al *Diagn Cytopathol* 2006 Jun;34(6): p403-12 .
Ancient schwannoma of the female pelvis. Takeuchi M; Matsuzaki K, et al. *Abdom Imaging* 2008 Mar-Apr;33(2):
p247-52.
Retroperitoneal ancient schwannoma presenting as an ovarian tumor in a patient with uterine cancer. A case report.
Bakalianou K; Liapis A, et al. *Eur J Gynaecol Oncol* 2009;30(5): p595-6.
Retroperitoneal ancient schwannoma presenting as an adrenal incidentaloma: CT and MR findings. Inokuchi T;
Takiuchi H, et al. *Magn Reson Imaging* 2006 Dec;24(10): p1389-93.

Costa Mesa (College Hospital) - Lymphoangioma
Chico - Microcystic cystadenoma
Duarte (City of Hope) - Serous cystadenoma
Glendale - Serous cystadenoma
Woodland Hills (Suda's Soldiers) - Microcystic adenoma (serous cystadenoma)
Florida (Naples Pathology Associates) - Serous microcystic cystadenoma
Georgia, Atlanta - Serous/microcystic adenoma
Georgia (Oconee Regional Medical Center) - Serous (microcystic) cystadenoma
Kansas (Peterson Laboratory Services) - Serous cystic neoplasm
Illinois (Heartland Regional Medical Center) - Serous microcystic adenoma
Louisiana (LSUHSC Pathology) - Serous cystadenoma
Maryland (University of Maryland) - Serous cystadenoma
New York (St. Luke's-Roosevelt Hospital) - Cystadenoma, microcystic (2)
New York (SUNY Downstate Medical Center Residents) - Serous cystadenoma
New York (SUNY Stony Brook) - Microcystic serous cystadenoma
New York (Westchester Medical Center) - Microcystic cystadenoma
Ohio, Columbus - Microcystic serous cystadenoma
Ohio (The University of Toledo) - Serous cystadenoma
Pennsylvania (Conemaugh Memorial Medical Center) - Microcystic serous cyst adenoma
Pennsylvania (Drexel University College of Medicine) - Microcystic cystadenoma
Pennsylvania (Magee Women's Hospital) - Serous carcinoma
Puerto Rico (University of Puerto Rico) - Serous cystic neoplasm
Knocksville, Tennessee - Serous microcystic cystadenoma
Texas, Crystal Beach - Serous cystadenoma
Texas, San Antonio - Serous microcystadenoma
Texas, Lubbock - Microcystic serous cystadenoma
Wisconsin, Madison - Serous microcystic adenoma, pancreas
Australia (Royal Prince Alfred Hospital) - Microcystic serous cystadenoma
Australia (St. Vincent's Hospital, Sydney) - Microcystic serous cystadenoma pancreas
Canada (University of Sherbrooke) - Serous cystadenoma
Japan (Asahi General Hospital) - Microcystic serous cystadenoma
Japan (Shizuoka Tokushukai Hospital) - Microcystic serous cystadenoma
Japan (University of Yamanashi) - Serous cystadenoma
Spain (Provisa Medical Center) - Microcystic serous cystadenoma
The Netherlands, Amstelveen - Serous cystadenoma
United Kingdom (John Radcliffe Hospital) - Serous microcystic adenoma

Case 3 - Diagnosis:

Microcystic serous cystadenoma, pancreas
T-59000, M-84410

Case 3 - References:

Microcystic serous cystadenoma mimicking a solid pancreatic tumor. Park ES; Park do H, et al. *Gastrointest Endosc* 2006; Dec;64(6): p1006-7; discussion 1007.
Pancreatic endocrine tumor coexistent with serous microcystic adenoma: report of a case and review of the literature. Alasio TM; Vine A, et al. *Ann Diagn Pathol* 2005 Aug;9(4): p234-8.
Solid serous adenoma of the pancreas: an uncommon but important entity. Machado MC; Machado MA. *Eur J Surg Oncol* 2008; Jul;34(7): p730-3
Serous cystic neoplasms of the pancreas: a clinicopathologic and immunohistochemical analysis. Ji Y; Wang XN, et al. *Chin J Dig Dis* 2006;7(1): p39-44.
The morphological classification of a serous cystic tumor (SCT) of the pancreas and evaluation of the preoperative diagnostic accuracy of computed tomography. Lee SE; Kwon Y, et al. *Ann Surg Oncol* 2008 Aug;15(8): p2089-95.

Costa Mesa (College Hospital) - Mucous secreting adenocarcinoma
Chico - Mucinous carcinoma
Duarte (City of Hope) - Mucinous adenocarcinoma
Glendale - Mucinous carcinoma
Woodland Hills (Suda's Soldiers) - Mucinous cysadenocarcinoma
Florida (Naples Pathology Associates) - Mucinous pancreatic carcinoma
Georgia, Atlanta - Mucinous adenocarcinoma
Georgia (Oconee Regional Medical Center) - Mucinous adenocarcinoma of pancreas, rule out metastasis
Kansas (Peterson Laboratory Services) - Mucinous carcinoma
Illinois (Heartland Regional Medical Center) - Mucinous adenocarcinoma, low grade
Louisiana (LSUHSC Pathology) - Mucinous adenocarcinoma
Maryland (University of Maryland) - Mucinous adenocarcinoma
New York (St. Luke's-Roosevelt Hospital) - Mucinous non-cystic adenocarcinoma (2)
New York (SUNY Downstate Medical Center Residents) - Mucinous cystadenocarcinoma
New York (SUNY Stony Brook) - Mucinous adenocarcinoma with signet ring cell features
New York (Westchester Medical Center) - Colloid/mucinous adenocarcinoma of pancreas
Ohio, Columbus - Mucinous (colloid) adenocarcinoma
Ohio (The University of Toledo) - Mucinous cystadenocarcinoma
Pennsylvania (Conemaugh Memorial Medical Center) - Mucinous carcinoma/colloid carcinoma
Pennsylvania (Drexel University College of Medicine) - Mucinous cystadenocarcinoma of pancreas
Pennsylvania (Magee Women's Hospital) - Colloid carcinoma
Puerto Rico (University of Puerto Rico) - Mucinous adenocarcinoma
Knocksville, Tennessee - Mucinous adenocarcinoma
Texas, Crystal Beach - Mucinous adenocarcinoma
Texas, San Antonio - Mucinous adenocarcinoma
Texas, Lubbock - Mucinous cystadenocarcinoma
Wisconsin, Madison - Mucinous adenocarcinoma
Australia (Royal Prince Alfred Hospital) - Mucinous adenocarcinoma
Australia (St. Vincent's Hospital, Sydney) - Mucinous adenocarcinoma pancreas
Canada (University of Sherbrooke) - Mucinous cystadenocarcinoma
Japan (Asahi General Hospital) - Colloid carcinoma
Japan (Shizuoka Tokushukai Hospital) - Colloid carcinoma
Japan (University of Yamanashi) - Mucinous adenocarcinoma
Spain (Provisa Medical Center) - Mucinous adenocarcinoma
The Netherlands, Amstelveen - Mucinous cystadenocarcinoma (colloid adenocarcinoma)
United Kingdom (John Radcliffe Hospital) - Mucinous carcinoma

Case 4 - Diagnosis:

Mucinous (non-cystic) adenocarcinoma, pancreas
 T-59000, M-81403

Case 4 - References:

Intraductal papillary mucinous neoplasm associated with incomplete pancreas divisum as a cause of acute recurrent pancreatitis. Sterling MJ; Giordano SN, et al. *Dig Dis Sci* 2007; Jan;52(1): p262-6.
 A case of intraductal papillary mucinous tumour following recurrent attacks of pancreatitis lasting 26 years. Landoni L; Falconi M, et al. *Dig Liver Dis* 2007; Jun;39(6): p585-8.
 Pseudomyxoma peritonei caused by acute pancreatitis in intraductal papillary mucinous carcinoma of the pancreas. Imaoka H; Yamao K, et al. *Pancreas* 2006; Mar;32(2): p223-4.
 Double immunohistochemical staining with MUC4/p53 is useful in the distinction of pancreatic adenocarcinoma from chronic pancreatitis: a tissue microarray-based study. Bhardwaj A; Marsh WL, et al. *Arch Pathol Lab Med* 2007; Apr;131(4): p556-62.
 Pancreatic mucinous adenocarcinoma with peritoneal metastases. Lim WC; Leblanc JK, et al. *Gastrointest Endosc* 2005; Jul;62(1): p140-1.

Costa Mesa (College Hospital) - Malignant melanoma
Chico - Nodular melanoma
Duarte (City of Hope) - Melanoma
Glendale - Melanoma
Woodland Hills (Suda's Soldiers) - Melanoma
Florida (Naples Pathology Associates) - Malignant melanoma
Georgia, Atlanta - Mucosal melanoma
Georgia (Oconee Regional Medical Center) - Malignant melanoma, superficial spreading
Kansas (Peterson Laboratory Services) - Melanoma
Illinois (Heartland Regional Medical Center) - Melanoma
Louisiana (LSUHSC Pathology) - Melanoma
Maryland (University of Maryland) - Melanoma
New York (St. Luke's-Roosevelt Hospital) - Melanoma, nodular type (2)
New York (SUNY Downstate Medical Center Residents) - Melanoma
New York (SUNY Stony Brook) - Nodular malignant melanoma
New York (Westchester Medical Center) - Malignant melanoma
Ohio, Columbus - Malignant melanoma
Ohio (The University of Toledo) - Ulcerated nodular melanoma
Pennsylvania (Conemaugh Memorial Medical Center) - Melanoma
Pennsylvania (Drexel University College of Medicine) - Nodular melanoma
Pennsylvania (Magee Women's Hospital) - Nodular melanoma
Puerto Rico (University of Puerto Rico) - Malignant melanoma
Knockville, Tennessee - Melanoma
Texas, Crystal Beach - Melanoma
Texas, San Antonio - Malignant melanoma
Texas, Lubbock - Melanoma
Wisconsin, Madison - Malignant melanoma, nodular type
Australia (Royal Prince Alfred Hospital) - Melanoma
Australia (St. Vincent's Hospital, Sydney) - Ulcerated, nodular melanoma lip, Clarke level 5
Canada (University of Sherbrooke) - Melanoma
Japan (Asahi General Hospital) - Malignant melanoma
Japan (Shizuoka Tokushukai Hospital) - Malignant melanoma
Japan (University of Yamanashi) - Malignant melanoma
Spain (Provisa Medical Center) - Malignant melanoma
The Netherlands, Amstelveen - Malignant melanoma
United Kingdom (John Radcliffe Hospital) - Malignant melanoma

Case 5 - Diagnosis:

Malignant melanoma, lip
T-52000, M-87203

Case 5 - References:

Primary malignant melanoma of the vermilion of the lip. Van Wingerden JJ; De Visscher JG, et al. *S Afr J Surg* 2007 May;45(2): p66-8, 70-2.
Collision of desmoplastic-neurotropic melanoma and squamous cell carcinoma on the lip. Falanga V; Chartier M, et al. *J Cutan Pathol* 2008 May;35(5): p473-6.
Case report: mucosal melanoma of the lip and the cheek. Disky A; Campos D, et al. *Dermatol Online J* 2008;14(8): p20.
Primary malignant melanoma of the oral mucosa. Chidzonga MM; Mahomva L, et al. *J Oral Maxillofac Surg* 2007 Jun;65(6): p1117-20.
Desmoplastic melanoma of the lower lip: a case report. Godoy GP; de Castro Gomes DQ, et al. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2009 Nov;108(5): p64-9.

Costa Mesa (College Hospital) - Malignant melanoma
Chico - Nodular melanoma
Duarte (City of Hope) - Melanoma
Glendale - Melanoma
Woodland Hills (Suda's Soldiers) - Melanoma
Florida (Naples Pathology Associates) - Malignant melanoma
Georgia, Atlanta - Nodular melanoma
Georgia (Oconee Regional Medical Center) - Malignant melanoma, metastasis vs. nodular
Kansas (Peterson Laboratory Services) - Melanoma
Illinois (Heartland Regional Medical Center) - Melanoma
Louisiana (LSUHSC Pathology) - Melanoma
Maryland (University of Maryland) - Melanoma
New York (St. Luke's-Roosevelt Hospital) - Melanoma, nodular type (2)
New York (SUNY Downstate Medical Center Residents) - Melanoma
New York (SUNY Stony Brook) - Malignant melanoma, animal type
New York (Westchester Medical Center) - Malignant melanoma
Ohio, Columbus - Malignant melanoma
Ohio (The University of Toledo) - Ulcerated nodular melanoma
Pennsylvania (Conemaugh Memorial Medical Center) - Melanoma
Pennsylvania (Drexel University College of Medicine) - Melanoma
Pennsylvania (Magee Women's Hospital) - Melanoma
Puerto Rico (University of Puerto Rico) - Malignant melanoma
Knocksville, Tennessee - Melanoma
Texas, Crystal Beach - Melanoma
Texas, San Antonio - Malignant melanoma
Texas, Lubbock - Melanoma
Wisconsin, Madison - Malignant melanoma
Australia (Royal Prince Alfred Hospital) - Melanoma
Australia (St. Vincent's Hospital, Sydney) - Ulcerated, nodular melanoma ear, Clark level 5
Canada (University of Sherbrooke) - Melanoma
Japan (Asahi General Hospital) - Malignant melanoma
Japan (Shizuoka Tokushukai Hospital) - Malignant melanoma
Japan (University of Yamanashi) - Malignant melanoma
Spain (Provisa Medical Center) - Malignant melanoma
The Netherlands, Amstelveen - Malignant melanoma
United Kingdom (John Radcliffe Hospital) - Malignant melanoma

Case 6 - Diagnosis:

Malignant melanoma (nodular), auricular region and parotid
T-55100, M-87203

Case 6 - References:

Cytomorphologic pitfall of primary malignant melanoma of the parotid gland: a case report. Bangerter M. *Acta Cytol* 2009 Jul-Aug;53(4): p435-6.
Detailed site distribution of melanoma and sunlight exposure: aetiological patterns from a Swiss series. Bulliard JL; De Weck D, et al. *Ann Oncol* 2007 Apr;18(4): p789-94.
Survival differences between patients with scalp or neck melanoma and those with melanoma of other sites in the Surveillance, Epidemiology, and End Results (SEER) program. Lachiewicz AM; Berwick M, et al. *Arch Dermatol* 2008 Apr;144(4): p515-21.
Hypothesis: hair cover can protect against invasive melanoma on the head and neck (Australia). Green AC; Kimlin M, et al. *Cancer Causes Control* 2006 Dec;17(10): p1263-6.
Malignant melanoma of the auricle. Mondin V; Rinaldo A, et al. *Acta Otolaryngol* 2005 Nov;125(11): p1140-4.
Melanoma of the ear: prognostic factors and surgical strategies. Jahn V; Breuninger H, et al. *Br J Dermatol* 2006 Feb;154(2): p310-8.

Costa Mesa (College Hospital) - Partial mole
Chico - Complete mole
Duarte (City of Hope) - Partial mole
Glendale - Hydatidiform mole
Woodland Hills (Suda's Soldiers) - Complete molar gestation
Florida (Naples Pathology Associates) - Complete hydatidiform mole
Georgia, Atlanta - Hydatidiform mole, favour complete
Georgia (Oconee Regional Medical Center) - Complete hydatidiform mole
Kansas (Peterson Laboratory Services) - Complete mole
Illinois (Heartland Regional Medical Center) - Complete hydatidiform mole
Louisiana (LSUHSC Pathology) - Hydatidiform mole
Maryland (University of Maryland) - Complete hydatidiform mole
New York (St. Luke's-Roosevelt Hospital) - Complete mole (2)
New York (SUNY Downstate Medical Center Residents) - Complete mole
New York (SUNY Stony Brook) - Complete hydatidiform mole
New York (Westchester Medical Center) - Complete mole
Ohio, Columbus - Hydatidiform molar pregnancy, favor partial mole
Ohio (The University of Toledo) - Choriocarcinoma
Pennsylvania (Conemaugh Memorial Medical Center) - Molar pregnancy, favor partial mole
Pennsylvania (Drexel University College of Medicine) - Partial mole
Pennsylvania (Magee Women's Hospital) - Complete mole
Puerto Rico (University of Puerto Rico) - Hydatidiform mole, probably partial
Knocksville, Tennessee - Molar pregnancy, do FISH studies
Texas, Crystal Beach - Partial hydatidiform mole
Texas, San Antonio - Complete molar pregnancy
Texas, Lubbock - Hydatidiform mole
Wisconsin, Madison - Molar pregnancy
Australia (Royal Prince Alfred Hospital) - Complete hydatidiform mole
Australia (St. Vincent's Hospital, Sydney) - Molar pregnancy, favor complete
Canada (University of Sherbrooke) - Hydatiform mole (complete)
Japan (Asahi General Hospital) - Complete hydatidiform mole
Japan (Shizuoka Tokushukai Hospital) - Complete hydatidiform mole
Japan (University of Yamanashi) - Hydatidiform mole
Spain (Provisa Medical Center) - Complete mole
The Netherlands, Amstelveen - Complete mole hydatidiform
United Kingdom (John Radcliffe Hospital) - Complete hydatidiform mole

Case 7 - Diagnosis:

Hydatidiform mole (complete), uterus
T-82000, M-91000

Case 7 - References:

Twin pregnancy with a complete hydatidiform mole and co-existent live fetus: two case reports and review of the literature. Dolapcioglu K; Gungoren A, et al. *Arch Gynecol Obstet* 2009 Mar;279(3): p431-6.
Earlier diagnosis and serum human chorionic gonadotropin regression in complete hydatidiform moles. Kerkmeijer LG; Massuger LF, et al. *Obstet Gynecol* 2009 Feb;113(2 Pt 1): p326-31.
Overdiagnosis of complete and partial hydatidiform mole in tubal ectopic pregnancies. Sebire NJ; Lindsay I, et al. *Int J Gynecol Pathol* 2005 Jul;24(3): p260-4.
The villous stromal constituents of complete hydatidiform mole differ histologically in very early pregnancy from the normally developing placenta. Kim KR; Park BH; Robboy SJ. *Am J Surg Pathol* 2009 Feb;33(2): p176-85.
Genotypic analysis of hydatidiform mole: an accurate and practical method of diagnosis. Bifulco C; Johnson C, et al. *Am J Surg Pathol* 2008 Mar;32(3): p445-51.

Costa Mesa (College Hospital) - Focal nodular hyperplasia of liver
Chico - Hepatocellular carcinoma
Duarte (City of Hope) - Well-differentiated hepatocellular carcinoma
Glendale - Hepatocellular carcinoma
Woodland Hills (Suda's Soldiers) - Hepatocellular carcinoma
Florida (Naples Pathology Associates) - Hepatocellular carcinoma
Georgia, Atlanta - Hepatocellular carcinoma
Georgia (Oconee Regional Medical Center) - Well-differentiated hepatocellular carcinoma
Kansas (Peterson Laboratory Services) - Hepatocellular carcinoma
Illinois (Heartland Regional Medical Center) - Hepatocellular carcinoma
Louisiana (LSUHSC Pathology) - Hepatocellular carcinoma
Maryland (University of Maryland) - Hepatocellular carcinoma
New York (St. Luke's-Roosevelt Hospital) - Hepatic adenoma (2)
New York (SUNY Downstate Medical Center Residents) - Hepatocellular carcinoma
New York (SUNY Stony Brook) - Hepatocellular carcinoma
New York (Westchester Medical Center) - Hepatocellular carcinoma, well-differentiated
Ohio, Columbus - Hepatocellular carcinoma
Ohio (The University of Toledo) - Hepatocellular carcinoma
Pennsylvania (Conemaugh Memorial Medical Center) - Hepatocellular carcinoma
Pennsylvania (Drexel University College of Medicine) - Well-differentiated hepatocellular carcinoma
Pennsylvania (Magee Women's Hospital) - Hepatocellular carcinoma
Puerto Rico (University of Puerto Rico) - Hepatocellular carcinoma
Knocksville, Tennessee - Hepatocellular carcinoma
Texas, Crystal Beach - Regenerative nodule consistent with dysplasia
Texas, San Antonio - Hepatocellular carcinoma
Texas, Lubbock - Hepatocellular carcinoma
Wisconsin, Madison - Well-differentiated hepatocellular carcinoma
Australia (Royal Prince Alfred Hospital) - Well-differentiated hepatocellular carcinoma
Australia (St. Vincent's Hospital, Sydney) - Hepatocellular carcinoma
Canada (University of Sherbrooke) - Hepatocarcinoma
Japan (Asahi General Hospital) - Hepatoma
Japan (Shizuoka Tokushukai Hospital) - Hepatocellular adenoma
Japan (University of Yamanashi) - Hepatocellular carcinoma
Spain (Provisa Medical Center) - Hepatocellular carcinoma
The Netherlands, Amstelveen - Hepatocellular carcinoma
United Kingdom (John Radcliffe Hospital) - Hepatocellular carcinoma

Case 8 - Diagnosis:

Well-differentiated hepatocellular carcinoma, liver
T-56000, M-81703

Case 8 - References:

Metabolic syndrome and hepatocellular carcinoma: two growing epidemics with a potential link. Siegel AB; Zhu AX. *Cancer* 2009; Dec 15;115(24): p5651-61.
Proton beam therapy for hepatocellular carcinoma: the University of Tsukuba experience. Nakayama H; Sugahara S, et al. *Cancer* 2009; Dec 1;115(23): p5499-506.
HBV and HCC: comment on "Role of hepatitis B virus infection in the prognosis after hepatectomy for hepatocellular carcinoma in patients with cirrhosis: a Western dual-center experience". Levi D; Tzakis A. *Arch Surg* 2009; Oct;144(10): p913.
Coffee drinking and hepatocellular carcinoma: an update. Bravi F; Bosetti C, et al. *Hepatology* 2009 Oct;50(4): p1317-8
Deciphering hepatocellular carcinoma: from bench to bedside and back. Goessling W. *Gastroenterology* 2009; Sep;137(3): p786-8.

Costa Mesa (College Hospital) - Fibromyxolipoma
Chico - Spindle cell lipoma
Duarte (City of Hope) - Myxolipoma
Glendale - Spindle cell lipoma
Woodland Hills (Suda's Soldiers) - Myxoid lipoma
Florida (Naples Pathology Associates) - Spindle cell lipoma
Georgia, Atlanta - Spindle cell lipoma with myxoid change
Georgia (Oconee Regional Medical Center) - Myxolipoma
Kansas (Peterson Laboratory Services) - Spindle cell/myxoid lipoma
Illinois (Heartland Regional Medical Center) - Spindle cell lipoma with myxoid change
Louisiana (LSUHSC Pathology) - Ewing sarcoma
Maryland (University of Maryland) - Myxoid liposarcoma
New York (St. Luke's-Roosevelt Hospital) - Atypical lipomatous tumor (2)
New York (SUNY Downstate Medical Center Residents) - Myxoid spindle lipoma
New York (SUNY Stony Brook) - Myxoid lipoma
New York (Westchester Medical Center) - Myxoid lipoma
Ohio, Columbus - Lipoma
Ohio (The University of Toledo) - Myxolipoma
Pennsylvania (Conemaugh Memorial Medical Center) - Atypical lipoma/well-differentiated liposarcoma
Pennsylvania (Drexel University College of Medicine) - Myxolipoma
Pennsylvania (Magee Women's Hospital) - Myxolipoma
Puerto Rico (University of Puerto Rico) - Spindle cell lipoma
Knocksville, Tennessee - Spindle cell lipoma with myxoid change
Texas, Crystal Beach - Lipoma
Texas, San Antonio - Atypical lipomatous tumor/well-differentiated liposarcoma vs. lipoma with myxoid
Texas, Lubbock - Spindle cell lipoma
Wisconsin, Madison - Lipoma with myxoid change
Australia (Royal Prince Alfred Hospital) - Spindle cell lipoma
Australia (St. Vincent's Hospital, Sydney) - Atypical lipomatous tumor (5); Spindle cell lipoma (3)
Canada (University of Sherbrooke) - Myxolipoma
Japan (Asahi General Hospital) - Myxolipoma
Japan (Shizuoka Tokushukai Hospital) - Myxoid liposarcoma
Japan (University of Yamanashi) - Degenerated lipoma
Spain (Provisa Medical Center) - Myxoid lipoma
The Netherlands, Amstelveen - Lipoma with myxoid changes
United Kingdom (John Radcliffe Hospital) - Myxoid lipoma

Case 9 - Diagnosis:

Myxolipoma (lipoma with myxoid change), back
T-Y1100, M-88520

Case 9 - References:

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Cutaneous lipomatous neoplasms. Mentzel T. *Semin Diagn Pathol* 2001 Nov;18(4): p250-7.
Cutaneous myxolipoma with apocrine glandular differentiation: description of a new clinicopathological variant with chromosome 6p21 rearrangement. Cardot-Leccia N; Italiano A, et al. *Histopathology* 2008 Sep;53(3): p361-3.
Two cases of angiomyxolipoma (vascular myxolipoma) of subcutaneous tissue. Lee HW; Lee DK, et al. *J Cutan Pathol* 2005 May;32(5): p379-82.
Characterization of the myxoid variant of hibernoma. Chirieac LR; Dekmezian RH; Ayala AG. *Ann Diagn Pathol* 2006 Apr;10(2): p104-6.
Angiomyxolipoma (vascular myxolipoma) of subcutaneous tissue. Tardio JC; Martin-Fragueiro LM. *Am J Dermatopathol* 2004 Jun;26(3): p222-4.

Fibrohistiocytic lipoma: twelve cases of a previously undescribed benign fatty tumor. Marshall-Taylor C; Fanburg-Smith JC. *Ann Diagn Pathol* 2000 Dec;4(6): p354-60.

Case No. 10, Accession No. 30971

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Costa Mesa (College Hospital) - PNET, extra skeletal
Chico - Ewing sarcoma/PNET
Duarte (City of Hope) - Ewings sarcoma/PNET
Glendale - Ewings/PNET
Woodland Hills (Suda's Soldiers) - Primitive neuroectodermal tumor (PNET)
Florida (Naples Pathology Associates) - Primitive neuroectodermal tumor
Georgia, Atlanta - Ewing sarcoma
Georgia (Oconee Regional Medical Center) - Low grade endometrial stromal sarcoma
Kansas (Peterson Laboratory Services) - Extraskelatal Ewings sarcoma
Illinois (Heartland Regional Medical Center) - Small cell malignant neoplasm, favor PNET
Louisiana (LSUHSC Pathology) - Lymphoblastic lymphoma
Maryland (University of Maryland) - Ewings/PNET
New York (St. Luke's-Roosevelt Hospital) - PNET (2)
New York (SUNY Downstate Medical Center Residents) - Ewing sarcoma/PNET
New York (SUNY Stony Brook) - Primitive neuroectodermal tumor
New York (Westchester Medical Center) - Ewings sarcoma/PNET
Ohio, Columbus - Primitive neuroectodermal tumor
Ohio (The University of Toledo) - Extraskelatal Ewings sarcoma
Pennsylvania (Conemaugh Memorial Medical Center) - Ewings/PNET
Pennsylvania (Drexel University College of Medicine) - Ewings sarcoma/PNET
Pennsylvania (Magee Women's Hospital) - Ewings sarcoma/PNET
Puerto Rico (University of Puerto Rico) - Small round blue cell tumor, rule out lymphoma vs. PNET
Knockville, Tennessee - Ewing sarcoma
Texas, Crystal Beach - Malignant peripheral neuroectodermal tumor
Texas, San Antonio - Ewings/PNET
Texas, Lubbock - Desmoplastic small cell tumor
Wisconsin, Madison - PNET
Australia (Royal Prince Alfred Hospital) - Ewings sarcoma
Australia (St. Vincent's Hospital, Sydney) - Ewings/PNET
Canada (University of Sherbrooke) - Ewings sarcoma/PNET
Japan (Asahi General Hospital) - Primitive neuroectodermal tumor
Japan (Shizuoka Tokushukai Hospital) - PPNET
Japan (University of Yamanashi) - Primitive neuroectodermal tumor
Spain (Provisa Medical Center) - Ewing sarcoma/PNET
The Netherlands, Amstelveen - PNET/Ewing sarcoma of the uterus
United Kingdom (John Radcliffe Hospital) - Ewings/PNET

Case 10 - Diagnosis:

PNET/Ewing sarcoma, uterus and pelvis
T-Y6221, M-93630

Case 10 - References:

Visceral primitive peripheral neuroectodermal tumors: a clinicopathologic and molecular study. O'Sullivan MJ; Perlman EJ, et al. *Hum Pathol* 2001 Oct;32(10): p1109-15.
Immunohistochemical detection of FLI-1 protein expression: a study of 132 round cell tumors with emphasis on CD99-positive mimics of Ewing's sarcoma/primitive neuroectodermal tumor. Folpe AL; Hill CE; Parham DM; O'Shea PA; Weiss SW. *Am J Surg Pathol* 2000 Dec;24(12): p1657-62.
Cytokeratin immunoreactivity in Ewing's sarcoma: prevalence in 50 cases confirmed by molecular diagnostic studies. Gu M; Antonescu CR; Guiter G; Huvos AG, et al. *Am J Surg Pathol* 2000 Mar;24(3): p410-6
Primary primitive neuroectodermal tumor of the uterus: a case report. Akbayir O; Gungorduk K, et al. *Arch Gynecol Obstet* 2008 Apr;277(4): p345-8

Primary Ewing's sarcoma-primitive neuroectodermal tumor of the uterus: a case report and literature review. Park JY;
Lee S, et al. *Gynecol Oncol* 2007 Aug;106(2): p427-32
[Tumors of the Ewing/PNET sarcoma family]. Pettinato G. *Pathologica* 2003 Oct;95(5): p241-2