



CALIFORNIA
TUMOR TISSUE REGISTRY

PEDIATRIC PATHOLOGY

Minutes – Subscription A

September, 2008



SUGGESTED READING (General Topics from Recent Literature):

- Celiac Disease and IgA Deficiency. Complications of Serological Testing Approaches Encountered in the Clinic. McGowan KE, Lyon ME and Butzner JD. *Clin Chem*.2008; 54:1203-1209.
- Anaplastic Large Cell Lymphoma Associated with a Breast Implant Capsule. A Case Report and Review of the Literature. Wong AK, Lopategui J, et al. *Am J Surg Pathol* 2008; 32:1265-1268.
- Prognostic Value of Various Morphometric Measurements of Tumour Extent in Prostate Needle Core Tissue. Brimo F, Volmer RT, et al. *Histopathol* 2008; 53:177-183.
- Morules in Endometrioid Proliferations of the Uterus and Ovary Consistently Express the Intestinal Transcription Factor CDX2. Houghton O, Connolly LE and McCluggage WG. *Histopathol* 2008; 53:156-165.
- Histologic and Immunohistochemical Decision-Making in Endometrial Adenocarcinoma. Lomo L, Nucci MR, et al. *Mod Pathol* 2008; 21:937-942.

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FILE DIAGNOSES

CTTR Subscription A

September 2008

Case 1:

Lipoblastoma, heel
T-Y9600, M-88810

Case 2:

Juvenile nasopharyngeal angiofibroma, sinonasal tract
T-Y1600, M-91600

Case 3:

Juvenile hemangioma (infantile hemangioma), ear
T-XY000, M-91310

Case 4:

Wilms' tumor, kidney
T-71000, M-89603

Case 5:

Inflammatory myofibroblastic tumor, colon
T-67000, M-76820

Case 6:

Infantile fibrosarcoma, leg
T-Y9400, M-88143

Case 7:

Hepatoblastoma, liver
T-56000, M-89703

Case 8:

Immature teratoma, ovary
T-87000, M-90801

Case 9:

Yolk sac tumor, testis
T-78000, M-90713

Case 10:

Poorly differentiated neuroblastoma, adrenal gland
T-71000, M-95003

Fontana (Kaiser Foundation Hospital) - Lipoblastoma
Glendale - Lipoblastoma
Hayward (St. Rose Hospital) - Adenolipoma
Long Beach - Lipoma with myxoid changes
Oakland (Alameda County Medical Center) - Lipoblastoma
Oxnard (St. John's Regional Medical Center) - Chondroid lesion
Pleasant Hill - Lipoblastoma
San Diego (Naval Medical Center) - Lipoblastoma
San Diego (Scripps Clinic) - Fibrous hamartoma of infancy
Santa Barbara - Myxoid liposarcoma
Sonoma (Sonoma Valley Hospital) - Lipoblastoma
Woodland Hills (Kaiser Permanente) - Myxoma
Colorado, Fort Collins - Lipoblastoma
Florida (Naples Pathology Associated) - Juxtaarticular myxoma
Georgia, Decatur - Superficial angiomyxoma
Illinois, Burr Ridge - Lipoblastoma
Illinois, Chicago - Lipoblastoma
Illinois (Heartland Regional Medical Center) - Lipoblastoma
Illinois (Loyola University Medical Center) - Angiomyxolipoma, rule out neurofibroma, right heel (1); Lipoblastoma (1)
Illinois (Office of Medical Examiner Cook County) - Lipoblastoma
Kansas (Cytocheck Laboratory) - Lipoblastoma (1); Well differentiated myxoid liposarcoma (1)
Louisiana (LSUHSC) - Lipoblastoma
Louisiana (Pathology Group of Louisiana) - Lipoblastoma
Maryland, Silver Springs - Plexiform neurofibroma
Massachusetts (Massachusetts General Hospital) - Lipoblastoma
Massachusetts (Tufts Medical Center) - Myxoid angiolioma
Massachusetts (UMass Memorial Residents) - Lipoblastoma
Michigan (Oakwood Hospital) - Lipoblastoma
Minnesota (University of Minnesota (Oral and Maxillofacial Pathology)) - Lipoblastoma
Missouri (Missouri Delta Medical Center) - Myxoma
Nebraska (Creighton University) - Lipoblastoma
New Mexico, Albuquerque - Myxoid liposarcoma
New York (Albany Medical Center) - Lipoblastoma
New York, Milwood - Lipoblastoma
New York (Nassau University Medical Center) - Lipoblastoma
New York (St. Lukes Roosevelt Hospital) - Myxolipoma (3)
New York (SUNY Downstate Medical Center) - Lipoblastoma
North Carolina (Wake Forest University) - Intramuscular myxoma
Ohio (Cleveland Clinic Foundation) - Lipoblastoma
Ohio (University of Toledo) - Lipoblastoma
Pennsylvania (Conemaugh Memorial Medical Center) - Lipoblastoma
Pennsylvania (Drexel University College of Medicine) - Lipoblastoma
Pennsylvania (Magee Women's Hospital) - Lipoblastoma
Puerto Rico (University of Puerto Rico) - Lipoblastoma
Texas, Crystal Beach - Lipoblastoma
Texas, Houston - Well-differentiated myxoid liposarcoma
Texas (Scott & White Memorial Hospital) - Lipoblastoma
Texas, Shavanno Park - Lipoblastoma
Wisconsin, Madison - Myxolipoma
Australia (Sullivan Nicolaides Pathology) - Lipoblastoma
Canada (Pasqua Hospital) - Cutaneous myxoma
Canada (University of Sherbrooke) - Myxoid lipoma
Ireland (Beaumont Hospital Residents) - Recurrent lipoblastoma
Japan (Asahi General Hospital) - Cutaneous myxoid

Japan (Kyoto University Hospital) - Lipoblastoma
Japan (Shizuoka Tokushukai Hospital) - Lipoblastoma
The Netherlands, Amstelveen - Cutaneous myxoma
United Kingdom (Oxford Study Group) - Lipoblastoma

Case 1 - Diagnosis:

Lipoblastoma, heel
T-Y9600, M-88810

Case 1 - References:

Chien AL, Song DH and Stein SL. Two Young Girls with Lipoblastoma and a Review of the Literature. *Pediatr Dermatol* 2006; 23(2):152–156.
Hicks J, Dille A, Patel D, et al. Lipoblastoma and Lipoblastomatosis in Infancy and Childhood: Histopathologic, Ultrastructural, and Cytogenetic Features. *Ultrastruct Pathol* 2001; 25(4):321-33.
Chun Y, Kim W, Park K, et al. Lipoblastoma. *J Pediatr Surg* 2001; 36(6):905-907.
Collins MH and Chatten J. Lipoblastoma/Lipoblastomatosis: A Clinicopathologic Study of 25 Tumors. *Am J Surg Pathol* 1997; 21(10):1131-7.
Mentzel T, Calonje E and Fletcher CDM. Lipoblastoma and Lipoblastomatosis: A Clinicopathological Study of 14 Cases. *Histopathology* 1993; 23(6):527–533.

Case No. 2, Accession No. 30737

September 2008

Fontana (Kaiser Foundation Hospital) - Angiofibroma
Glendale - Nasopharyngeal angiofibroma
Hayward (St. Rose Hospital) - Nasopharyngeal angiofibroma
Long Beach - Juvenile angiofibroma
Oakland (Alameda County Medical Center) - Nasopharyngeal angiofibroma
Oxnard (St. John's Regional Medical Center) - Nasopharyngeal angiofibroma
Pleasant Hill - Nasopharyngeal angiofibroma
San Diego (Naval Medical Center) - Juvenile nasopharyngeal angiofibroma
San Diego (Scripps Clinic) - Nasopharyngeal angiofibroma
Santa Barbara - Angiofibroma
Sonoma (Sonoma Valley Hospital) - Angiofibroma
Woodland Hills (Kaiser Permanente) - Nasopharyngeal angiofibroma
Colorado, Fort Collins - Angiofibroma
Florida (Naples Pathology Associated) - Nasopharyngeal angiofibroma
Georgia, Decatur - Juvenile angiofibroma
Illinois, Burr Ridge - Nasopharyngeal angiofibroma
Illinois, Chicago - Nasopharyngeal angiofibroma
Illinois (Heartland Regional Medical Center) - Nasopharyngeal angiofibroma
Illinois (Loyola University Medical Center) - Nasopharyngeal angiofibroma (2)
Illinois (Office of Medical Examiner Cook County) - Nasopharyngeal angiofibroma
Kansas (Cytocheck Laboratory) - Angiofibroma (1); Nasopharyngeal angiofibroma (1)
Louisiana (LSUHSC) - Nasopharyngeal angiofibroma
Louisiana (Pathology Group of Louisiana) - Nasopharyngeal angiofibroma
Maryland, Silver Springs - Nasopharyngeal angiofibroma
Massachusetts (Massachusetts General Hospital) - Juvenile angiofibroma
Massachusetts (Tufts Medical Center) - Angiofibroma
Massachusetts (UMass Memorial Residents) - Nasopharyngeal angiofibroma
Michigan (Oakwood Hospital) - Nasopharyngeal angiofibroma
Minnesota (University of Minnesota (Oral and Maxillofacial Pathology)) - Nasopharyngeal angiofibroma (w embolizing agent)
Missouri (Missouri Delta Medical Center) - Nasopharyngeal angiofibroma
Nebraska (Creighton University) - Angiofibroma
New Mexico, Albuquerque - Nasopharyngeal angiofibroma, s/p embolization
New York (Albany Medical Center) - Antrochoanal polyp

New York, Milwood - Nasopharyngeal angiofibroma
New York (Nassau University Medical Center) - Nasopharyngeal angiofibroma
New York (St. Lukes Roosevelt Hospital) - Angiofibroma (1) Nasopharyngeal angiofibroma (2)
New York (SUNY Downstate Medical Center) - Angiofibroma
North Carolina (Wake Forest University) - Angiofibroma
Ohio (Cleveland Clinic Foundation) - Angiofibroma
Ohio (University of Toledo) - Angiofibroma
Pennsylvania (Conemaugh Memorial Medical Center) - Angiofibroma
Pennsylvania (Drexel University College of Medicine) - Angiofibroma
Pennsylvania (Magee Women's Hospital) - Juvenile angiofibroma
Puerto Rico (University of Puerto Rico) - Nasopharyngeal angiofibroma
Texas, Crystal Beach - Nasal fibroma
Texas, Houston - Nasal fibroma
Texas (Scott & White Memorial Hospital) - Nasal angiofibroma
Texas, Shavanno Park - Angiofibroma
Wisconsin, Madison - Nasopharyngeal angiofibroma
Australia (Sullivan Nicolaides Pathology) - Nasopharyngeal angiofibroma
Canada (Pasqua Hospital) - Nasopharyngeal angiofibroma
Canada (University of Sherbrooke) - Angiofibroma
Ireland (Beaumont Hospital Residents) - Nasopharyngeal angiofibroma
Ireland (Kerry General Hospital) - Angiofibroma
Japan (Asahi General Hospital) - Nasopharyngeal angiofibroma
Japan (Kyoto University Hospital) - Angiofibroma
Japan (Shizuoka Tokushukai Hospital) - Angiofibroma
The Netherlands, Amstelveen - Angiofibroma after embolization
United Kingdom (Oxford Study Group) - Nasopharyngeal angiofibroma

Case 2 - Diagnosis:

Juvenile nasopharyngeal angiofibroma, sinonasal tract
 T-Y1600, M-91600

Case 2 - References:

Fletcher CDM. Distinctive Soft Tissue Tumors of the Head and Neck. *Mod Pathol* 2002; 15(3):324-330.
 Pauli J, Gundelach R, Vanelli-Rees A, et al. Juvenile Nasopharyngeal Angiofibroma: An Immunohistochemical Characterization of the Stromal Cell. *Pathology* 2008; 40(4):396-400.
 Kau R, Tanna M, Misra S, et al. Nasopharyngeal Angiofibroma. *Ear Nose Throat J.* 2008; 87(5):256.
 Glad H, Vainer B, Buchwald C, et al. Juvenile Nasopharyngeal Angiofibromas in Denmark 1981-2003: Diagnosis, Incidence, and Treatment. *Acta Oto-Laryngologica* 2007; 127(3):292- 299.

Case No. 3, Accession No. 09489

September 2008

Fontana (Kaiser Foundation Hospital) - Hemangioma
Glendale - Hemangioma
Hayward (St. Rose Hospital) - Juvenile hemangioma
Long Beach - Congenital hemangioma
Oakland (Alameda County Medical Center) - Infantile hemangioma
Oxnard (St. John's Regional Medical Center) - Angiohamartoma
Pleasant Hill - Juvenile hemangioma
San Diego (Naval Medical Center) - Juvenile hemangioma
San Diego (Scripps Clinic) - Juvenile hemangioma
Santa Barbara - Hemangioma
Sonoma (Sonoma Valley Hospital) - Benign hemangioendothelioma
Woodland Hills (Kaiser Permanente) - Hemangioma
Colorado, Fort Collins - Juvenile hemangioma
Florida (Naples Pathology Associates) - Immature capillary hemangioma

Georgia, Decatur - Capillary hemangioma
Illinois, Burr Ridge - Juvenile hemangioma
Illinois, Chicago - Juvenile hemangioma
Illinois (Heartland Regional Medical Center) - Juvenile capillary hemangioma
Illinois (Loyola University Medical Center) - Juvenile hemangioma, ear (2)
Illinois (Office of Medical Examiner Cook County) - Juvenile hemangioma
Kansas (Cytocheck Laboratory) - Hemangioma (1); Infantile hemangioendothelioma (1)
Louisiana (LSUHSC) - Hemangioma
Louisiana (Pathology Group of Louisiana) - Hemangioendothelioma
Maryland, Silver Springs - Juvenile hemangioma
Massachusetts (Massachusetts General Hospital) - Infantile hemangioma
Massachusetts (Tufts Medical Center) - Infantile hemangioma
Massachusetts (UMass Memorial Residents) - Infantile hemangioma
Michigan (Oakwood Hospital) - Capillary hemangioma
Minnesota (University of Minnesota (Oral and Maxillofacial Pathology)) - Hemangioma
Missouri (Missouri Delta Medical Center) - Adenoma
Nebraska (Creighton University) - Tufted hemangioma
New Mexico, Albuquerque - Capillary hemangioma
New York (Albany Medical Center) - Infantile hemangiopericytoma
New York, Milwood - Infantile hemangioma
New York (Nassau University Medical Center) - Epithelioid angioma
New York (St. Lukes Roosevelt Hospital) - Capillary hemangioma (3)
New York (SUNY Downstate Medical Center) - Juvenile hemangioma
North Carolina (Wake Forest University) - Infantile hemangioma
Ohio (University of Toledo) - Juvenile capillary hemangioma
Pennsylvania (Conemaugh Memorial Medical Center) - Eccrine angiomatous hamartoma
Pennsylvania (Drexel University College of Medicine) - Hemangioma
Pennsylvania (Magee Women's Hospital) - Congenital hemangioma
Puerto Rico (University of Puerto Rico) - Capillary hemangioma
Texas, Crystal Beach - Ceruminous adenoma
Texas, Houston - Juvenile capillary hemangioma
Texas (Scott & White Memorial Hospital) - Juvenile hemangioma
Texas, Shavano Park - Capillary hemangioma
Wisconsin, Madison - Epithelioid hemangioma
Australia (Sullivan Nicolaides Pathology) - Infantile haemangioendothelioma
Canada (Pasqua Hospital) - Juvenile hemangioma
Canada (University of Sherbrooke) - Juvenile hemangioma
Ireland (Beaumont Hospital Residents) - Cellular haemangioma of infancy
Ireland (Kerry General Hospital) - Juvenile hemangioma
Japan (Asahi General Hospital) - Endothelioid hemangioma
Japan (Kyoto University Hospital) - Eccrine angiomatous hamartoma
Japan (Shizuoka Tokushukai Hospital) - Ceruminous adenoma
The Netherlands, Amstelveen - Eccrine angiomatous hamartoma
United Kingdom (Oxford Study Group) - Juvenile angiomatosis

Case 3 - Diagnosis:

Juvenile hemangioma (infantile hemangioma), ear
 T-XY000, M-91310

Case 3 - References:

Bruckner AL and Frieden IJ. Infantile Hemangiomas. *J Am Acad Dermatol* 2006; 55(4):671–682.
 Requena L, Sanguenza O. Cutaneous Vascular Proliferations. Part II. Hyperplasias and Benign Neoplasms.. *J Am Acad Dermatol* 1997; 37(6):887-922.
 North PE, Waner M, Mizeracki et al. GLUT1: A Newly Discovered Immunohistochemical Marker for Juvenile Hemangiomas. *Hum Pathol* 2000;31:11–22.

Fontana (Kaiser Foundation Hospital) - Wilms' tumor
Glendale - Wilms' tumor
Hayward (St. Rose Hospital) - Wilms' tumor (favorable histology)
Long Beach - Wilms' tumor
Oakland (Alameda County Medical Center) - Nephroblastoma
Oxnard (St. John's Regional Medical Center) - Wilms' tumor
Pleasant Hill - Wilms' tumor
San Diego (Naval Medical Center) - Wilms' tumor
San Diego (Scripps Clinic) - Wilms' tumor
Santa Barbara - Wilms' tumor
Sonoma (Sonoma Valley Hospital) - Wilms' tumor (nephroblastoma)
Woodland Hills (Kaiser Permanente) - Nephroblastoma
Colorado, Fort Collins - Wilms' tumor
Florida (Naples Pathology Associated) - Nephroblastoma/Wilms' tumor
Georgia, Decatur - Nephroblastoma (Wilms' tumor)
Illinois, Burr Ridge - Nephroblastoma
Illinois, Chicago - Nephroblastoma
Illinois (Heartland Regional Medical Center) - Nephroblastoma
Illinois (Loyola University Medical Center) - Wilms' tumor, right kidney (1); Tri-phasic Wilms' tumor (1)
Illinois (Office of Medical Examiner Cook County) - Nephroblastoma
Kansas (Cytocheck Laboratory) - Wilms' tumor (2)
Louisiana (LSUHSC) - Nephroblastoma (Wilms' tumor)
Louisiana (Pathology Group of Louisiana) - Neuroblastoma
Maryland, Silver Springs - Wilms' tumor
Massachusetts (Massachusetts General Hospital) - Wilms' tumor
Massachusetts (Tufts Medical Center) - Wilms' tumor
Massachusetts (UMass Memorial Residents) - Wilms' tumor
Michigan (Oakwood Hospital) - Wilms' tumor
Minnesota (University of Minnesota (Oral and Maxillofacial Pathology)) - Nephroblastoma
Missouri (Missouri Delta Medical Center) - Wilms' tumor
Nebraska (Creighton University) - Wilms' tumor
New Mexico, Albuquerque - Wilms' tumor
New York (Albany Medical Center) - Nephroblastoma (Wilms tumor) triphasic
New York, Milwood - Wilms' tumor
New York (Nassau University Medical Center) - Wilms' tumor
New York (St. Lukes Roosevelt Hospital) - Wilms' tumor (3)
New York (SUNY Downstate Medical Center) - Nephroblastoma
North Carolina (Wake Forest University) - Wilms' tumor
Ohio (Cleveland Clinic Foundation) - Nephroblastoma
Ohio (University of Toledo) - Wilms' tumor
Pennsylvania (Conemaugh Memorial Medical Center) - Wilms' tumor
Pennsylvania (Drexel University College of Medicine) - Nephroblastoma
Pennsylvania (Magee Women's Hospital) - Wilms' tumor
Puerto Rico (University of Puerto Rico) - Wilms' tumor
Texas, Crystal Beach - Wilms' tumor
Texas, Houston - Wilms' tumor
Texas (Scott & White Memorial Hospital) - Wilms' tumor
Texas, Shavanno Park - Wilms' tumor
Wisconsin, Madison - Wilms' tumor
Australia (Sullivan Nicolaides Pathology) - Wilms' tumor (nephroblastoma)
Canada (Pasqua Hospital) - Wilms' tumor
Canada (University of Sherbrooke) - Wilms' tumor
Ireland (Beaumont Hospital Residents) - Nephroblastoma/Wilms' tumor
Ireland (Kerry General Hospital) - Wilms' tumor
Japan (Asahi General Hospital) - Nephroblastoma

Japan (Kyoto University Hospital) - Nephroblastoma
Japan (Shizuoka Tokushukai Hospital) - Nephroblastoma
The Netherlands, Amstelveen - Wilms' tumor (nephroblastoma)
United Kingdom (Oxford Study Group) - Nephroblastoma

Case 4 - Diagnosis:

Wilms' tumor, kidney
T-71000, M-89603

Case 4 - References:

Sebire NJ and Vujanic GM. Paediatric Renal Tumours: Recent Developments, New Entities and Pathological Features. *Histopathology* 2008 Aug 21 [Epub ahead of print].
McLean TW, and Castellino SM. Pediatric Genitourinary Tumors. *Curr Opin Oncol.* 2008; 20(3):315-20.
Varan A. Wilms' Tumor in Children: An Overview. *Nephron Clin Pract* 2008;108:c83-c90.
Merguerian PA and Chang B. Pediatric Genitourinary Tumors. *Curr Opin Oncol* 2002; 14(3):273-279.
Driscoll K, Isakoff M and Ferrer F. Update on Pediatric Genitourinary Oncology. *Curr Opin Urol* 2007; 17:281-286.

Case No. 5, Accession No. 29031

September 2008

Fontana (Kaiser Foundation Hospital) - Inflammatory myofibroblastic tumor
Glendale - Inflammatory myofibroblastic tumor
Hayward (St. Rose Hospital) - Inflammatory myofibroblastic tumor
Long Beach - Inflammatory pseudotumor
Oakland (Alameda County Medical Center) - Inflammatory myofibroblastic tumor
Oxnard (St. John's Regional Medical Center) - Myofibroblastic inflammatory tumor
Pleasant Hill - Inflammatory myofibroblastic tumor
San Diego (Naval Medical Center) - Inflammatory myofibroblastic tumor
San Diego (Scripps Clinic) - Inflammatory myofibroblastic tumor
Santa Barbara - Leiomyoma
Sonoma (Sonoma Valley Hospital) - Inflammatory myofibroblastic tumor
Woodland Hills (Kaiser Permanente) - Inflammatory myofibroblastic tumor
Colorado, Fort Collins - Inflammatory pseudotumor
Florida (Naples Pathology Associated) - Pseudosarcomatous myofibroblastic proliferation, inflammatory pseudotumor
Georgia, Decatur - Inflammatory myofibroblastic tumor
Illinois, Burr Ridge - GIST
Illinois, Chicago - Inflammatory myofibroblastic tumor
Illinois (Heartland Regional Medical Center) - Inflammatory myofibroblastic tumor
Illinois (Loyola University Medical Center) - GIST, right colon (1); Inflammatory pseudotumor (1)
Illinois (Office of Medical Examiner Cook County) - Inflammatory myofibroblastic tumor
Kansas (Cytocheck Laboratory) - Hodgkin lymphoma (1); Inflammatory myofibroblastic tumor (1)
Louisiana (LSUHSC) - Inflammatory myofibroblastic tumor
Louisiana (Pathology Group of Louisiana) - Inflammatory myofibroblastic tumor
Maryland, Silver Springs - Sclerosing epithelioid fibrosarcoma
Massachusetts (Massachusetts General Hospital) - Inflammatory myofibroblastic tumor
Massachusetts (Tufts Medical Center) - Inflammatory myofibroblastic tumor
Massachusetts (UMass Memorial Residents) - Inflammatory myofibroblastic tumor
Michigan (Oakwood Hospital) - Inflammatory myofibroblastic tumor
Minnesota (University of Minnesota (Oral and Maxillofacial Pathology)) - Inflammatory pseudotumor
Missouri (Missouri Delta Medical Center) - GIST
Nebraska (Creighton University) - Inflammatory pseudotumor
New Mexico, Albuquerque - Inflammatory fibrous tumor
New York (Albany Medical Center) - Inflammatory myofibroblastic tumor
New York, Milwood - Inflammatory myofibroblastic tumor
New York (Nassau University Medical Center) - Inflammatory myofibroblastoma
New York (St. Lukes Roosevelt Hospital) - Inflammatory pseudotumor (3)
New York (SUNY Downstate Medical Center) - Inflammatory myofibroblastic tumor

North Carolina (Wake Forest University) - GIST
Ohio (Cleveland Clinic Foundation) - Inflammatory myofibroblastic tumor
Ohio (University of Toledo) - Leiomyosarcoma
Pennsylvania (Conemaugh Memorial Medical Center) - Inflammatory myofibroblastic tumor
Pennsylvania (Drexel University College of Medicine) - Inflammatory myofibroblastic tumor
Pennsylvania (Magee Women's Hospital) - Inflammatory myofibroblastic tumor
Puerto Rico (University of Puerto Rico) - Inflammatory myofibroblastic tumor
Texas, Crystal Beach - Epithelioid stromal tumor
Texas, Houston - Atypical leiomyoma
Texas (Scott & White Memorial Hospital) - Inflammatory myofibroblastic tumor
Texas, Shavanno Park - Inflammatory myofibroblastic tumor
Wisconsin, Madison - Inflammatory myofibroblastic tumor
Australia (Sullivan Nicolaides Pathology) - Inflammatory myofibroblastic tumor
Canada (Pasqua Hospital) - Inflammatory myofibroblastic tumor
Canada (University of Sherbrooke) - Pseudoinflammatory tumor
Ireland (Beaumont Hospital Residents) - Inflammatory fibroid polyp
Ireland (Kerry General Hospital) - Inflammatory fibroid polyp
Japan (Asahi General Hospital) - Inflammatory myofibroblastic tumor
Japan (Kyoto University Hospital) - Inflammatory myofibroblastic tumor
Japan (Shizuoka Tokushukei Hospital) - Inflammatory myofibroblastic tumor
The Netherlands, Amstelveen - Inflammatory myofibroblastic tumor
United Kingdom (Oxford Study Group) - Inflammatory myofibroblastic tumor

Case 5 - Diagnosis:

Inflammatory myofibroblastic tumor, colon
 T-67000, M-76820

Case 5 - References:

Demirkan NC, Akalin T, Yilmaz, F, et al. Inflammatory Myofibroblastic Tumor of Small Bowel Wall in Childhood: Report of a Case and a Review of the Literature. *Pathol Int* 2001; 51(1):47-49.
 Souid AK, Ziemba MC, Dubansky AS, et al. Inflammatory Myofibroblastic Tumor in Children. *Cancer* 1993; 72:2042-2048.
 Bonnet JP, Basset T, and Dijoux D. Abdominal Inflammatory Myofibroblastic Tumor in Children: Report of an Appendiceal Case and Review of the Literature. *J Pediatr Surg* 1996; 31:1311-1314.
 Coffin CM, Hornick JL, and Fletcher CD. Inflammatory Myofibroblastic Tumor: Comparison of Clinicopathologic, Histologic, and Immunohistochemical Features Including ALK Expression in Atypical and Aggressive Cases. *Am J Surg Pathol* 2007; 31(4):509-20.
 Morotti RA, Legman MD, Kerkar N, et al. Pediatric Inflammatory Myofibroblastic Tumor with Late Metastasis to the Lung: Case Report and Review of the Literature. *Pediatr Dev Pathol* 2005; 8(2):224-9.

Case No. 6, Accession No. 14906

September 2008

Fontana (Kaiser Foundation Hospital) - Infantile fibrosarcoma
Glendale - Infantile fibrosarcoma
Hayward (St. Rose Hospital) - Infantile fibrosarcoma
Long Beach - Sarcoma, NOS
Oakland (Alameda County Medical Center) - Infantile fibrosarcoma
Oxnard (St. John's Regional Medical Center) - Malignant fibrous histiocytoma
Pleasant Hill - Infantile fibrosarcoma
San Diego (Naval Medical Center) - Infantile fibrosarcoma
San Diego (Scripps Clinic) - Infantile fibrosarcoma
Santa Barbara - Fibrosarcoma
Sonoma (Sonoma Valley Hospital) - Leiomyosarcoma
Woodland Hills (Kaiser Permanente) - Infantile fibrosarcoma
Colorado, Fort Collins - Fibrosarcoma
Florida (Naples Pathology Associated) - Monophasic synovial sarcoma
Georgia, Decatur - Infantile fibrosarcoma

Illinois, Burr Ridge - Infantile fibrosarcoma
Illinois, Chicago - Congenital/infantile fibrosarcoma
Illinois (Heartland Regional Medical Center) - Infantile fibrosarcoma
Illinois (Loyola University Medical Center) - Congenital/infantile fibrosarcoma, left knee (2)
Illinois (Office of Medical Examiner Cook County) - Congenital/infantile fibrosarcoma
Kansas (Cytocheck Laboratory) - Fibrosarcoma (1); Congenital infantile fibrosarcoma (1)
Louisiana (LSUHSC) - Infantile fibrosarcoma
Louisiana (Pathology Group of Louisiana) - Infantile fibrosarcoma
Maryland, Silver Springs - Fibrosarcoma
Massachusetts (Massachusetts General Hospital) - Infantile fibrosarcoma
Massachusetts (Tufts Medical Center) - Fibrosarcoma/monophasic synovial sarcoma
Massachusetts (UMass Memorial Residents) - Infantile fibrosarcoma
Michigan (Oakwood Hospital) - Infantile fibrosarcoma
Minnesota (University of Minnesota (Oral and Maxillofacial Pathology)) - Infantile fibrosarcoma
Missouri (Missouri Delta Medical Center) - Monophasic synovial sarcoma
Nebraska (Creighton University) - Fibrosarcoma, congenital
New Mexico, Albuquerque - Infantile fibrosarcoma
New York (Albany Medical Center) - Infantile fibrosarcoma
New York, Milwood - Congenital fibrosarcoma
New York (Nassau University Medical Center) - Infantile fibrosarcoma
New York (St. Lukes Roosevelt Hospital) - Infantile fibrosarcoma (1); Synovial sarcoma (monophasic) vs. infantile fibrosarcoma (1)
New York (SUNY Downstate Medical Center) - Congenital fibrosarcoma
North Carolina (Wake Forest University) - Synovial sarcoma
Ohio (Cleveland Clinic Foundation) - Infantile fibrosarcoma
Ohio (University of Toledo) - Synovial sarcoma
Pennsylvania (Conemaugh Memorial Medical Center) - Infantile fibrosarcoma
Pennsylvania (Drexel University College of Medicine) - Infantile fibrosarcoma
Pennsylvania (Magee Women's Hospital) - Infantile fibrosarcoma
Puerto Rico (University of Puerto Rico) - Infantile fibrosarcoma
Texas, Crystal Beach - Spindle cell sarcomatous lesion, possibly malignant peripheral nerve sheath tumor
Texas, Houston - Low-grade fibrosarcoma
Texas (Scott & White Memorial Hospital) - Monophasic synovial sarcoma
Texas, Shavanno Park - Infantile fibrosarcoma
Wisconsin, Madison - Congenital fibrosarcoma
Australia (Sullivan Nicolaides Pathology) - Infantile fibrosarcoma
Canada (Pasqua Hospital) - Infantile fibrosarcoma
Canada (University of Sherbrooke) - Infantile fibrosarcoma
Ireland (Beaumont Hospital Residents) - Infantile fibrosarcoma
Ireland (Kerry General Hospital) - Infantile fibrosarcoma
Japan (Asahi General Hospital) - Infantile fibrosarcoma
Japan (Kyoto University Hospital) - Synovial sarcoma, monophasic
Japan (Shizuoka Tokushukei Hospital) - Fibrosarcoma
The Netherlands, Amstelveen - Embryonal rhabdomyosarcoma
United Kingdom (Oxford Study Group) - Infantile fibrosarcoma

Case 6- Diagnosis:

Infantile fibrosarcoma, leg
 T-Y9400, M-88143

Case 6 - References:

Kothari KC, Pandey M, Wadhwa MK, et al. Congenital Infantile Fibrosarcoma. *Eur J Surg Oncol* 1999; 25:94-96.
 Sheng WQ, Hisaoka M, Okamoto S, et al. Congenital Infantile Fibrosarcoma. A Clinicopathologic Study of 10 Cases and Molecular Detection of the ETV6-NTRK3 Fusion Transcripts Using Paraffin-Embedded Tissues. *Am J Clin Pathol* 2001; 115:348-355.
 Sachdev R, Singhal N, and Mandal AK. Congenital Fibrosarcoma of the Upper Extremity--A Case Report and Review of Literature. *Indian J Pathol Microbiol* 2005; 48(4):474-6.
 Kodet R, Stejskal J, Pilát D, et al. Congenital-Infantile Fibrosarcoma: A Clinicopathological Study of Five Patients Entered on the Prague Children's Tumor Registry. *Pathol Res Pract* 1996; 192(8):845-53; Discussion 854-5.

Case No. 7, Accession No. 15121

September 2008

Fontana (Kaiser Foundation Hospital) - Infection
Glendale - Inflammatory myofibroblastic tumor
Hayward (St. Rose Hospital) - Choledochal cyst
Long Beach - Mesenchymal hamartoma
Oakland (Alameda County Medical Center) - Mesenchymal hamartoma
Pleasant Hill - Echinococcus
San Diego (Naval Medical Center) - Mesenchymal hamartoma
Santa Barbara - Cavernous hemangioma
Sonoma (Sonoma Valley Hospital) - Mesenchymal hamartoma
Woodland Hills (Kaiser Permanente) - Mesenchymal hamartoma
Colorado, Fort Collins - Mesenchymal hamartoma
Florida (Naples Pathology Associated) - Amebic abscess
Georgia, Decatur - Fibromatosis
Illinois, Burr Ridge - Infantile hamangioendothelioma
Illinois, Chicago - Mesenchymal hamartoma
Illinois (Heartland Regional Medical Center) - Mesenchymal hamartoma of liver
Illinois (Loyola University Medical Center) - Mesenchymal hamartoma, liver (1); Hydatid cyst (1)
Illinois (Office of Medical Examiner Cook County) - Mesenchymal hamartoma
Kansas (Cytocheck Laboratory) - Hepatic mesenchymal hamartoma (2)
Louisiana (LSUHSC) - Mesenchymal hamartoma
Louisiana (Pathology Group of Louisiana) - Inflammatory cyst? Parasitic
Maryland, Silver Springs - Cystic mesenchymal hamartoma
Massachusetts (Massachusetts General Hospital) - Hepatoblastoma
Massachusetts (Tufts Medical Center) - Echinococcus/Langerhans cell histiocytosis
Massachusetts (UMass Memorial Residents) - Mesenchymal hamartoma
Michigan (Oakwood Hospital) - Fibrosis and hemorrhage, not further classifiable
Minnesota (University of Minnesota (Oral and Maxillofacial Pathology)) - Paracytic infection
Missouri (Missouri Delta Medical Center) - Adenoma
Nebraska (Creighton University) - Mesenchymal hamartoma
New Mexico, Albuquerque - Embryonal sarcoma
New York (Albany Medical Center) - Hepatoblastoma
New York, Milwood - Peliosis hepatis
New York (Nassau University Medical Center) - Hepatoblastoma
New York (St. Lukes Roosevelt Hospital) - Hepatobiliary cystadenoma (3)
New York (SUNY Downstate Medical Center) - Mesenchymal hamartoma
North Carolina (Wake Forest University) - Hepatoblastoma, mixed fetal and embryonal patterns
Ohio (University of Toledo) - Hepatoblastoma
Pennsylvania (Conemaugh Memorial Medical Center) - Mesenchymal hamartoma
Pennsylvania (Drexel University College of Medicine) - Parasitic liver disease
Pennsylvania (Magee Women's Hospital) - Mesenchymal hamartoma
Puerto Rico (University of Puerto Rico) - Mesenchymal hamartoma
Texas, Crystal Beach - Hepatic nodular hyperplasia
Texas, Houston - Adenoma
Texas (Scott & White Memorial Hospital) - Langerhan's cell histiocytosis
Texas, Shavanno Park - Mesenchymal hamartoma
Wisconsin, Madison - Echinococcus cyst
Australia (Sullivan Nicolaides Pathology) - Inflamed cyst ? parasitic
Canada (Pasqua Hospital) - Foreign body reaction and inflammation
Canada (University of Sherbrooke) - Hemangioma
Ireland (Beaumont Hospital Residents) - Mesenchymal hamartoma vs. infantile myofibromatosis
Ireland (Kerry General Hospital) - Mesenchymal hamartoma

Japan (Asahi General Hospital) - Hepatoblastoma
Japan (Kyoto University Hospital) - Hepatoblastoma
Japan (Shizuoka Tokushukei Hospital) - Hepatoblastoma
United Kingdom (Oxford Study Group) - Inflammatory myofibroblastic tumor (2) Mesenchymal hamartoma (3)

Case 7 - Diagnosis:

Hepatoblastoma, liver
T-56000, M-89703

Case 7 - References:

Ramsay AD, Bates A, Williams S, et al. Variable Antigen Expression in Hepatoblastomas. *Appl Immunohistochem Mol Morphol* 2008; 16(2):140-147.
Tomlinson GE, Douglass EC, Pollock BH, et al. Cytogenetic Evaluation of a Large Series of Hepatoblastomas: Numerical Abnormalities with Recurring Aberrations Involving 1q12–q21. *Genes Chromosomes Cancer* 2005; 44:177–184.
Litten JB and Tomlinson GE. Liver Tumors in Children. *The Oncologist* 2008; 13(7):812-820.
Rowland JM. Hepatoblastoma: Assessment of Criteria for Histologic Classification. *Med Pediatr Oncol* 2002; 39:478–483.
Zimmermann A. Pathobiology of Hepatobiliary Neoplasms in Children. *J Gastroenterol & Hepatol* 2004; 19 (Suppl 7):S372-S376.

Case No. 8, Accession No. 24058

September 2008

Fontana (Kaiser Foundation Hospital) - Teratoma
Glendale - Immature teratoma
Hayward (St. Rose Hospital) - Immature teratoma, low grade
Long Beach - Benign cystic teratoma
Oakland (Alameda County Medical Center) - Teratoma
Oxnard (St. John's Regional Medical Center) - Teratoma
Pleasant Hill - Immature teratoma
San Diego (Scripps Clinic) - Immature teratoma
San Diego (Naval Medical Center) - Mature cystic teratoma
Santa Barbara - Mature teratoma
Sonoma (Sonoma Valley Hospital) - Immature teratoma
Woodland Hills (Kaiser Permanente) - Mature cystic teratoma
Colorado, Fort Collins - Mature cystic teratoma
Florida (Naples Pathology Associated) - Mature cystic teratoma
Georgia, Decatur - Immature teratoma
Illinois, Burr Ridge - Cystic teratoma
Illinois, Chicago - Mature teratoma
Illinois (Heartland Regional Medical Center) - Immature teratoma
Illinois (Loyola University Medical Center) - Immature teratoma, right ovary (1); Teratoma (1)
Illinois (Office of Medical Examiner Cook County) - Mature teratoma
Kansas (Cytocheck Laboratory) - Teratoma (2)
Louisiana (LSUHSC) - Immature teratoma
Louisiana (Pathology Group of Louisiana) - Cystic teratoma
Maryland, Silver Springs - Immature teratoma
Massachusetts (Massachusetts General Hospital) - Immature teratoma
Massachusetts (Tufts Medical Center) - Mature teratoma
Massachusetts (UMass Memorial Residents) - Teratoma
Michigan (Oakwood Hospital) - Immature teratoma
Minnesota (University of Minnesota (Oral and Maxillofacial Pathology)) - Teratoma
Missouri (Missouri Delta Medical Center) - Teratoma
Nebraska (Creighton University) - Immature teratoma
New Mexico, Albuquerque - Mature teratoma
New York (Albany Medical Center) - Mature teratoma
New York, Milwood - Immature teratoma
New York (Nassau University Medical Center) - Immature teratoma
New York (St. Lukes Roosevelt Hospital) - Teratoma with oligodendroglioma (3)

New York (SUNY Downstate Medical Center) - Immature teratoma
North Carolina (Wake Forest University) - Immature teratoma
Ohio (Cleveland Clinic Foundation) - Mature cystic teratoma
Ohio (University of Toledo) - Immature teratoma
Pennsylvania (Conemaugh Memorial Medical Center) - Immature teratoma
Pennsylvania (Drexel University College of Medicine) - Immature teratoma
Pennsylvania (Magee Women's Hospital) - Mature cystic teratoma
Puerto Rico (University of Puerto Rico) - Immature teratoma of ovary, Grade I
Texas, Crystal Beach - Teratoma, ovary
Texas, Houston - Immature teratoma
Texas (Scott & White Memorial Hospital) - Mature teratoma
Texas, Shavanno Park - Immature teratoma
Wisconsin, Madison - Immature (malignant) teratoma
Australia (Sullivan Nicolaides Pathology) - Immature teratoma, ovary
Canada (Pasqua Hospital) - Immature teratoma
Canada (University of Sherbrooke) - Immature teratoma
Ireland (Beaumont Hospital Residents) - Immature teratoma with neural elements
Ireland (Kerry General Hospital) - Ovarian teratoma
Japan (Asahi General Hospital) - Immature teratoma
Japan (Kyoto University Hospital) - Mature cystic teratoma
Japan (Shizuoka Tokushukei Hospital) - Mature teratoma
The Netherlands, Amstelveen - Immature malignant teratoma
United Kingdom (Oxford Study Group) - Immature teratoma

Case 8 - Diagnosis:

Immature teratoma, ovary
 T-87000, M-90801

Case 8 - References:

Boraschi P, Donati F, and Battaglia V. Acute Abdomen Due to Twisted Ovarian Immature Teratoma in a 7-Year-Old Girl: Magnetic Resonance Findings With Histopathologic Correlation. *Pediatr Emerg Care* 2008; 24(8):557-560.
 Yamaoka T, Togashi K, Koyama T, et al. Immature Teratoma of the Ovary: Correlation of MRI Imaging and Pathological Findings. *Eur Radiol* 2003; 13:313-319.
 Heerema-McKenney A, Harrison M, Bratton B, et al. Congenital Teratoma: A Clinicopathologic Study of 22 Fetal and Neonatal Tumors. *Am J Surg Pathol* 2005; 29(1):29-38.
 Heifetz SA, Cushing B, Giller R, et al. Immature Teratomas in Children: Pathologic Considerations: A Report from the Combined Pediatric Oncology Group/Children's Cancer Group. *Am J Surg Pathol* 1998; 22:1115-1124.
 Lo Curto M, D'Angelo P, Cecchetto G, et al. Mature and Immature Teratomas: Results of the First Paediatric Italian Study. *Pediatr Surg Int* 2007; 23(4):315-22.

Case No. 9, Accession No. 18128

September 2008

Fontana (Kaiser Foundation Hospital) - Sertoli cell tumor
Glendale - Yolk sac tumor
Hayward (St. Rose Hospital) - Sertoli cell tumor
Long Beach - Embryonal carcinoma
Oakland (Alameda County Medical Center) - Yolk sac tumor
Oxnard (St. John's Regional Medical Center) - Sertoli cell adenoma
Pleasant Hill - Yolk sac tumor
San Diego (Scripps Clinic) - Yolk sac tumor
San Diego (Naval Medical Center) - Yolk sac tumor
Santa Barbara - Sertoli cell tumor
Sonoma (Sonoma Valley Hospital) - Sertoli cell tumor (malignant)
Woodland Hills (Kaiser Permanente) - Malignant sertoli cell tumor
Colorado, Fort Collins - Sertoli cell tumor
Florida (Naples Pathology Associated) - Sertoli cell tumor

Georgia, Decatur - Sertoli cell tumor
Illinois, Burr Ridge - Infantile embryonal carcinoma
Illinois, Chicago - Yolk sac tumor
Illinois (Heartland Regional Medical Center) - Yolk sac tumor, tubular pattern
Illinois (Loyola University Medical Center) - Sertoli cell tumor with rare Leydig cells, right testis (2)
Illinois (Office of Medical Examiner Cook County) - Yolk sac tumor
Kansas (Cytocheck Laboratory) - Yolk sac tumor
Louisiana (LSUHSC) - Sertoli cell tumor
Louisiana (Pathology Group of Louisiana) - Sertoli cell tumor
Maryland, Silver Springs - Yolk sac tumor
Massachusetts (Massachusetts General Hospital) - Gonadoblastoma
Massachusetts (Tufts Medical Center) - Yolk sac tumor
Massachusetts (UMass Memorial Residents) - Yolk sac tumor
Michigan (Oakwood Hospital) - Yolk sac tumor
Minnesota (University of Minnesota (Oral and Maxillofacial Pathology)) - Seminoma
Missouri (Missouri Delta Medical Center) - Yolk sac tumor
Nebraska (Creighton University) - Yolk sac tumor
New Mexico, Albuquerque - Neuroblastoma
New York, Milwood - Sertoli cell tumor
New York (Nassau University Medical Center) - Yolk sac tumor, glandular, alveolar
New York (St. Lukes Roosevelt Hospital) - Sertoli cell tumor (3)
New York (SUNY Downstate Medical Center) - Yolk cell tumor
North Carolina (Wake Forest University) - Yolk sac tumor
Ohio (Cleveland Clinic Foundation) - Sertoli cell tumor
Ohio (University of Toledo) - Yolk sac tumor
Pennsylvania (Conemaugh Memorial Medical Center) - Yolk sac tumor
Pennsylvania (Drexel University College of Medicine) - Yolk sac tumor
Pennsylvania (Magee Women's Hospital) - Sertoli cell tumor
Puerto Rico (University of Puerto Rico) - Sertoli cell tumor, NOS
Texas, Crystal Beach - Yolk sac tumor
Texas, Houston - Yolk sac tumor
Texas (Scott & White Memorial Hospital) - Malignant sex cord tumor
Texas, Shavanno Park - Yolk sac tumor
Wisconsin, Madison - Yolk sac tumor
Australia (Sullivan Nicolaides Pathology) - Yolk sac tumor, testis
Canada (Pasqua Hospital) - Yolk sac tumor
Canada (University of Sherbrooke) - Sertoli cell tumor
Ireland (Beaumont Hospital Residents) - Sertoli cell tumor
Ireland (Kerry General Hospital) - Yolk sac tumor
Japan (Asahi General Hospital) - Yolk sac tumor
Japan (Kyoto University Hospital) - Tumor of collecting duct
Japan (Shizuoka Tokushukei Hospital) - Yolk sac tumor
The Netherlands, Amstelveen - In-situ germ cell tumor
United Kingdom (Oxford Study Group) - Yolk sac tumor

Case 9 - Diagnosis:

Yolk sac tumor, testis
 T-78000, M-90713

Case 9 - References:

Agarwal PK and Palmer JS. Testicular and Paratesticular Neoplasms in Prepubertal Males. *J Urol* 2006; 176(3):875-881.
 Murphy FL, Law H, Mushtaq I, et al. Testicular and Paratesticular Pathology in Infants and Children: the Histopathological Experience of a Tertiary Paediatric Unit Over a 17 Year Period. *Pediatr Surg Int* 2007; 23(9):867-72.
 Ulbright TM. The Most Common, Clinically Significant Misdiagnoses in Testicular Tumor Pathology, and How to Avoid Them. *Adv Anat Pathol* 2008; 15(1):18-27.
 Bahrami A, Ro JY and Ayala AG. An Overview of Testicular Germ Cell Tumors. *Arch Pathol Lab Med* 2007; 131(8):1267-80.
 Pohl HG, Shukla AR, Metcalf PD, et al. Prepubertal Testis Tumors: Actual Prevalence Rate of Histological Types. *J Urol* 2004; 172(6 Pt 1):2370-2.

Fontana (Kaiser Foundation Hospital) - Neuroblastoma
Glendale - Neuroblastoma
Hayward (St. Rose Hospital) - Neuroblastoma, undifferentiated (needs IPOX)
Long Beach - Neuroblastoma
Oakland (Alameda County Medical Center) - Neuroblastoma
Oxnard (St. John's Regional Medical Center) - PNET
Pleasant Hill - Neuroblastoma
San Diego (Naval Medical Center) - Neuroblastoma (undifferentiated)
San Diego (Scripps Clinic) - Neuroblastoma
Santa Barbara - Neuroblastoma
Sonoma (Sonoma Valley Hospital) - Ganglioneuroblastoma
Woodland Hills (Kaiser Permanente) - Neuroblastoma
Colorado, Fort Collins - Neuroblastoma
Florida (Naples Pathology Associated) - Peripheral neuroectodermal tumor/PNET
Georgia, Decatur - Neuroblastoma
Illinois, Burr Ridge - Neuroblastoma
Illinois, Chicago - Neuroblastoma
Illinois (Heartland Regional Medical Center) - Neuroblastoma
Illinois (Loyola University Medical Center) - Neuroblastoma, left adrenal (2)
Illinois (Office of Medical Examiner Cook County) - Neuroblastoma
Kansas (Cytocheck Laboratory) - Neuroblastoma (2)
Louisiana (LSUHSC) - Neuroblastoma
Maryland, Silver Springs - Neuroblastoma
Massachusetts (Massachusetts General Hospital) - Neuroblastoma
Massachusetts (Tufts Medical Center) - Neuroblastoma
Massachusetts (UMass Memorial Residents) - Neuroblastoma
Michigan (Oakwood Hospital) - Neuroblastoma
Minnesota (University of Minnesota (Oral and Maxillofacial Pathology)) - Neuroblastoma
Missouri (Missouri Delta Medical Center) - Neuroblastoma
Nebraska (Creighton University) - Neuroblastoma
New Mexico, Albuquerque - Neuroblastoma with focal differentiation
New York (Albany Medical Center) - Neuroblastoma
New York, Milwood - Neuroblastoma
New York (Nassau University Medical Center) - Neuroblastoma
New York (St. Lukes Roosevelt Hospital) - Neuroblastoma, poorly differentiated (3)
New York (SUNY Downstate Medical Center) - Neuroblastoma
North Carolina (Wake Forest University) - Neuroblastoma
Ohio (Cleveland Clinic Foundation) - Neuroblastoma
Ohio (University of Toledo) - Neuroblastoma
Pennsylvania (Conemaugh Memorial Medical Center) - Neuroblastoma, poorly differentiated
Pennsylvania (Drexel University College of Medicine) - Neuroblastoma
Pennsylvania (Magee Women's Hospital) - Neuroblastoma
Puerto Rico (University of Puerto Rico) - Neuroblastoma
Texas, Crystal Beach - Malignant peripheral neuroectodermal tumor/neuroblastoma
Texas, Houston - Neuroblastoma
Texas (Scott & White Memorial Hospital) - Neuroblastoma
Texas, Shavanno Park - Small round blue cell tumor
Wisconsin, Madison - Neuroblastoma
Australia (Sullivan Nicolaides Pathology) - Neuroblastoma
Canada (Pasqua Hospital) - Small blue cell tumor ? neuroblastoma
Canada (University of Sherbrooke) - Neuroblastoma

Ireland (Beaumont Hospital Residents) - Neuroblastoma vs. PNET

Ireland (Kerry General Hospital) - Neuroblastoma

Japan (Asahi General Hospital) - Nephroblastoma

Japan (Kyoto University Hospital) - Neuroblastoma

Japan (Shizuoka Tokushukai Hospital) - Neuroblastoma

The Netherlands, Amstelveen - Neuroblastoma

United Kingdom (Oxford Study Group) - Neuroblastoma

Case 10 - Diagnosis:

Poorly differentiated neuroblastoma, adrenal gland

T-71000, M-95003

Case 10 - References:

Bagatell R, Morgan E, Cosentino C, et al. Two Cases of Pediatric Neuroblastoma with Tumor Thrombus in the Inferior Vena Cava.

J Pediatr Hematol Oncol 2002; 24(5):397-400.

La Quaglia MP. Genitourinary Tract Cancer in Childhood. *Semin Pediatr Surg* 1996; 5(1):49-65.

Bown N. Neuroblastoma Tumour Genetics: Clinical and Biological Aspects. *J Clin Pathol* 2001; 54: 897-910.

Shimada H, Ambros IM, Dehner LP, et al. Terminology and Morphologic Criteria of Neuroblastic Tumors: Recommendations by the International Neuroblastoma Pathology Committee. *Cancer* 1999; 86: 349.

Berrebi D, Lebras MN, Belarbi N, et al. Bilateral Adrenal Neuroblastoma and Nephroblastoma Occurring Synchronously in a Child with Fanconi's Anemia and VACTERL Syndrome. *J Pediatr Surg* 2006; 41(1):e11-4.