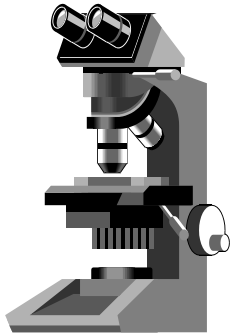


CALIFORNIA
TUMOR TISSUE REGISTRY



PEDIATRIC PATHOLOGY

Minutes – Subscription A

April 2000

SUGGESTED READING (General Topics from Recent Literature):

Recent Advances in the Pathology of Ovarian Tumors. Young RH, et al. *Mod Pathol* 1995; 8(9):930-960.

Caduff RF, et al. Comparison of Mutations of Ki Ras and p53 Immunoreactivity in Borderline and Malignant Epithelial Ovarian Tumors. *Am J Surg Pathol* 1999; 23:323-328.

Primary Axillary Radiotherapy as Axillary Treatment in Breast-Conserving Therapy for Patients with Breast Carcinoma and Clinically Negative Axillary Lymph Nodes. Hoebbers, FJP, et al. *Cancer* 2000; 88(7):1633-1642.

Outcomes and Factors Impacting Local Recurrence of Ductal Carcinoma In-Situ. Weng EY, et al. *Cancer* 2000; 88(7):1643-1649.

The Natural History of Breast Carcinoma. What Have We Learned from Screening? *Cancer* 2000; 88(7):1758-1759.

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

Mountain View (El Camino Hospital) - Juvenile granulosa cell tumor
Bakersfield - Thecoma
Orange (UCI Medical Center Residents) - Leydig cell tumor
Bay Area - Sex cord stromal tumor/juvenile granulosa cell tumor (3)
Santa Rosa - Granulosa cell tumor (1); Juvenile granulosa cell tumor (1); Juvenile granulosa cell tumor rule out Sertoli Leydig cell tumor (1)
San Diego (Naval Medical Center) - Steroid cell tumor, NOS (10); Juvenile granulosa cell tumor (1)
Long Beach - Juvenile granulosa cell tumor (8)
Oakland (Kaiser) - Juvenile granulosa cell tumor (6)
Monterey (Community Hospital of Monterey Peninsula) - Juvenile granulosa cell tumor
Sacramento (UC Davis Health System) - Sex cord stromal tumor, Sertoli-Leydig cell tumor vs. juvenile granulosa cell
Texas, El Paso (Texas Technical Medical Health Center) - Gonadoblastoma
Louisiana, Shreveport (Louisiana State University Medical Center) - Juvenile granulosa cell tumor
Nebraska (Creighton University) - Sex cord - stromal tumor
Indiana (Fort Wayne) - Virilizing gonadal stromal tumor (arrhenoblastoma), ovary
Michigan (Foote Hospital) - Juvenile granulosa cell tumor
Florida (Tallahassee) - Juvenile granulosa cell tumor
Maryland (University of Maryland) - Juvenile granulosa cell tumor
Maryland (Woodbine) - Juvenile granulosa cell tumor (2)
Maryland (National Naval Medical Center) - Juvenile granulosa theca cell tumor (7)
Pennsylvania (Residents Conemaugh Memorial Hospital) - Juvenile granulosa theca cell tumor
New York (Northport) - Juvenile granulosa cell tumor
New York (Long Island Jewish Medical Center) - Juvenile granulosa cell tumor
New Jersey (Overlook Hospital) - Sertoli-Leydig cell tumor poorly differentiated (3)
Japan (Shimada City) - Juvenile granulosa cell tumor
Japan (Kurashiki) - Thecoma with massive edema (2); Fibrosarcoma (1)
Japan (Singapore) - Juvenile granulosa cell tumor
Saudi Arabia (King Khalid University Hospital) - Juvenile granulosa cell tumor
Australia (Sydney) - Juvenile granulosa cell tumour

DIAGNOSIS:

Juvenile Granulosa Cell Tumor, Ovary*
T-87000, M-86201

*Case Refereed by Kerby Oberg, M.D., Pediatric Pathology Consultant to the CTTR

Consultation: Robert Young, M.D., Harvard Medical School. "Juvenile Granulosa Cell Tumor."

REFERENCES:

- Calaminus G, et al. Juvenile Granulosa Cell Tumors of the Ovary in Children and Adolescents. Results from 33 Patients Registered in a Prospective Cooperative Study. *Gynecol Oncol* 1997; 65:447-452.
- Schofield DE, et al. Trisomy 12 in Pediatric Granulosa-Stromal Cell Tumors. Demonstration by a Modified Method of Fluorescence In-Situ Hybridization on Paraffin-Embedded Material. *Am J Pathol* 141:1265-1269.
- Bouffet, E, et al. Juvenile Granulosa Cell Tumor of the Ovary in Infants. A Clinicopathologic Study of Three Cases and Review of the Literature. *J Pediatr Surg* 1997; 32(5):762-765.
- Powell JL, et al. Management of Advanced Juvenile Granulosa Cell Tumor of the Ovary. *Gynecol Oncol* 1997; 64(2):282-284.
- Perez-Atayde AR, et al. Juvenile Granulosa Cell Tumor of the Infantile Testis. Evidence of a Dual Epithelial-Smooth Muscle Differentiation. *Am J Surg Pathol* 1996; 20(1):72-79.

Mountain View (El Camino Hospital) - Ganglioneuroma
Bakersfield - Ganglioneuroma
Orange (UCI Medical Center Residents) - Ganglioneuroma
Bay Area - Ganglioneuroma (3)
Santa Rosa - Ganglioneuroma (3)
San Diego (Naval Medical Center) - Ganglioneuroma
Long Beach - Ganglioneuroma (8)
Oakland (Kaiser) - Ganglioneuroma (6)
Monterey (Community Hospital of Monterey Peninsula) - Ganglioneuroma
Sacramento (UC Davis Health System) - Ganglioneuroma
Texas, El Paso (Texas Technical Medical Health Center) - Gangliocytoma
Louisiana, Shreveport (Louisiana State University Medical Center) - Ganglioneuroma
Nebraska (Creighton University) - Ganglioneuroma
Indiana (Fort Wayne) - Ganglioneuroma, retroperitoneum
Michigan (Foote Hospital) - Ganglioneuroma
Florida (Tallahassee) - Ganglioneuroma
Maryland (University of Maryland) - Ganglioneuroma
Maryland (Woodbine) - Ganglioneuroma (2)
Maryland (National Naval Medical Center) - Ganglioneuroma (7)
Pennsylvania (Residents Conemaugh Memorial Hospital) - Ganglioneuroma with foci of neuroblastoma, differentiated neuroblastoma
New York (Northport) - Ganglioneuroma
New York (Long Island Jewish Medical Center) - Ganglioneuroma
New Jersey (Overlook Hospital) - Ganglioneuroma (3)
Japan (Shimada City) - Ganglioneuroma
Japan (Kurashiki) - Ganglioneuroma (3)
Japan (Singapore) - Ganglioneuroma
Saudi Arabia (King Khalid University Hospital) - Ganglioneuroma
Australia (Sydney) - Ganglioneuroma

DIAGNOSIS:

Ganglioneuroma, Retroperitoneum*
T-Y4600, M-94900

*Case Refereed by Kerby Oberg, M.D., Pediatric Pathology Consultant to the CTTR

REFERENCES:

- Shimada H, et al. Terminology and Morphologic Criteria of Neuroblastic Tumors. Recommendations by the International Neuroblastoma Pathology Committee. *Cancer* 1999; 86:349-363.
- Joshi VV, et al. Pathology of Neuroblastic Tumors. *Semin Diagn Pathol* 1994; 11:107-117.
- Jain M, et al. Retroperitoneal Ganglioneuroma. Report of a Case Diagnosed by Fine-Needle Aspiration Cytology, with Review of the Literature. *Diagn Cytopathol* 1999; 21(3):194-196.
- Hicks MJ, et al. Comparison of Ultrastructural Features Among Neuroblastic Tumors. Maturation from Neuroblastoma to Ganglioneuroma. *Ultrastruct Pathol* 1995; 19(4):311-322.
- Geraci AP, et al. Ganglioneuroblastoma and Ganglioneuroma in Association with Neurofibromatosis Type I. Report of Three Cases. *J Child Neurol* 1998; 13(7):356-358.

Mountain View (El Camino Hospital) - Fibrous dysplasia
Bakersfield - Fibrous dysplasia
Orange (UCI Medical Center Residents) - Fibrous dysplasia (6); Ossifying fibroma (2)
Bay Area - Fibrous dysplasia of bone (3)
Santa Rosa - Fibrous dysplasia
San Diego (Naval Medical Center) - Juvenile active ossifying fibroma
Long Beach - Aggressive juvenile ossifying fibroma (5); Low-grade osteosarcoma (3)
Oakland (Kaiser) - Ossifying fibroma (6)
Monterey (Community Hospital of Monterey Peninsula) - Fibrous dysplasia
Sacramento (UC Davis Health System) - Benign osseofibrous lesion, favor fibrous dysplasia
Texas, El Paso (Texas Technical Medical Health Center) - Ossifying fibroma
Louisiana, Shreveport (Louisiana State University Medical Center) - Fibrous dysplasia
Nebraska (Creighton University) - Fibrous dysplasia
Indiana (Fort Wayne) - Fibrous dysplasia, jaw (mandible)
Michigan (Foote Hospital) - Giant cell reparative granuloma
Florida (Tallahassee) - Fibrous dysplasia
Maryland (University of Maryland) - Ossifying fibroma
Maryland (Woodbine) - Fibrous dysplasia (2)
Maryland (National Naval Medical Center) - Fibrous dysplasia (6); Well-differentiated osteosarcoma (1)
Pennsylvania (Residents Conemaugh Memorial Hospital) - Ossifying fibroma/fibrous dysplasia
New York (Northport) - Fibrous dysplasia (1); Low grade intramedullary osteosarcoma
New York (Long Island Jewish Medical Center) - Juvenile ossifying fibroma
New Jersey (Overlook Hospital) - Ossifying fibroma (3)
Japan (Shimada City) - Ossifying fibroma of the jaw
Japan (Kurashiki) - Fibrous dysplasia (2); Giant cell reparative granuloma (1)
Japan (Singapore) - Fibrous dysplasia
Saudi Arabia (King Khalid University Hospital) - Low grade osteosarcoma
Australia (Sydney) - Juvenile (aggressive) ossifying fibroma

DIAGNOSIS:

Fibrous Dysplasia, Mandible*
T-10180, M-74910

*Case Refereed by Kerby Oberg, M.D., Pediatric Pathology Consultant to CTTR

REFERENCES:

- Cohen MM, Jr., et al. Etiology of Fibrous Dysplasia and McCune-Albright Syndrome. *Int J Oral Maxillofac Surg* 1999; 28:366-371.
Singer FR. Fibrous Dysplasia of Bone. The Bone Lesion Unmasked. *Am J Pathol* 1997; 151:1511-1515.
Slootweg PJ. Maxillofacial Fibro-Osseous Lesions. Classification and Differential Diagnosis. *Semin Diag Pathol* 1996; 13:104-112.
Ferretti C, et al. Cystic Degeneration in Fibrous Dysplasia of the Jaws. A Case Report. *Oral Sug Oral Med oral Pathol Oral Radiol Endod* 1999; 88(3):337-342.
Hara H, et al. Fibrous Dysplasia of the Mandible Associated with Large Solitary Bone Cyst. *J Oral Maxillofac Surg* 1990 48(1): 88-91.
Chen YR, et al. Treatment of Craniomaxillofacial Fibrous Dysplasia. How Early and How Extensive? *Plast Reconstr Surg* 1990; 80(5):843-844.

Mountain View (El Camino Hospital) - Juvenile papillomatosis ("Swiss cheese disease")
Bakersfield - Fibrocystic mammopathy
Orange (UCI Medical Center Residents) - Juvenile papillomatosis
Bay Area - Florid fibrocystic changes (3)
Santa Rosa - Fibrocystic disease (change), benign (3)
San Diego (Naval Medical Center) - Juvenile papillomatosis
Long Beach - Intraductal papillomatosis (8)
Oakland (Kaiser) - Juvenile papillomatosis (6)
Monterey (Community Hospital of Monterey Peninsula) - Juvenile papillomatosis
Sacramento (UC Davis Health System) - Juvenile papillomatosis
Texas, El Paso (Texas Technical Medical Health Center) - Fibrocystic disease with papillary epithelial hyperplasia
Louisiana, Shreveport (Louisiana State University Medical Center) - Fibrocystic change/no atypia
Nebraska (Creighton University) - Juvenile papillomatosis
Indiana (Fort Wayne) - Localized fibrocystic disease, juvenile female breast
Michigan (Foote Hospital) - Juvenile papillomatosis
Florida (Tallahassee) - Juvenile papillomatosis
Maryland (University of Maryland) - Juvenile papillomatosis
Maryland (Woodbine) - Juvenile papillomatosis (2)
Maryland (National Naval Medical Center) - Juvenile papillomatosis (7)
Pennsylvania (Residents Conemaugh Memorial Hospital) - Juvenile papillomatosis
New York (Northport) - Fibrocystic changes and intraductal papilloma
New York (Long Island Jewish Medical Center) - Adenosis tumor/duct papilloma
New Jersey (Overlook Hospital) - Breast hamartoma with fibrocystic change (2); Juvenile papillomatosis (1)
Japan (Shimada City) - Juvenile papillomatosis
Japan (Kurashiki) - Microductal papillomatosis (3)
Japan (Singapore) - Juvenile papillomatosis
Saudi Arabia (King Khalid University Hospital) - Juvenile papillomatosis
Australia (Sydney) - Juvenile papillomatosis

DIAGNOSIS:

Juvenile Papillomatosis of the Breast*

T-4000, M-80600

*Case Refereed by Kerby Oberg, M.D., Pediatric Pathology Consultant to CTTR

REFERENCES:

- Rosen PP, et al. Juvenile Papillomatosis of the Breast. A Follow-Up Study of 41 Patients Having Biopsies Before 1979. *Am J Clin Pathol* 1990; 93:599-603.
- Taffurelli M, et al. Juvenile Papillomatosis of the Breast. A Multidisciplinary Study. *Pathol Annu* 1991; 16 Pt 1:25-35.
- Ostrzega N. Fine-Needle Aspiration Cytology of Juvenile Papillomatosis of Breast. A Case Report. *Diagn Cytopathol* 1993; 9(4):457-460.
- Sund BS, et al. A Case of Juvenile Papillomatosis of the Male Breast. *Cancer* 1992; 70(1):126-128.
- Han BK, et al. Benign Papillary Lesions of the Breast. Sonographic-Pathologic Correlation. *J Ultrasound Med* 1999; 18(3):217-223.

Mountain View (El Camino Hospital) - Medulloblastoma
Bakersfield - Medulloblastoma
Orange (UCI Medical Center Residents) - Medulloblastoma
Bay Area - Medulloblastoma (3)
Santa Rosa - Medulloblastoma (3)
San Diego (Naval Medical Center) - Medulloblastoma
Long Beach - Medulloblastoma (8)
Oakland (Kaiser) - Anaplastic ependymoma (5); Medulloblastoma (1)
Monterey (Community Hospital of Monterey Peninsula) - Medulloblastoma
Sacramento (UC Davis Health System) - Medulloblastoma
Texas, El Paso (Texas Technical Medical Health Center) - Medulloblastoma
Louisiana, Shreveport (Louisiana State University Medical Center) - Medulloblastoma
Nebraska (Creighton University) - Medulloblastoma
Indiana (Fort Wayne) - PNET (medulloblastoma)
Michigan (Foote Hospital) - Medulloblastoma
Florida (Tallahassee) - Medulloblastoma
Maryland (University of Maryland) - PNET/medulloblastoma
Maryland (Woodbine) - Medulloblastoma (2)
Maryland (National Naval Medical Center) - Medulloblastoma (7)
Pennsylvania (Residents Conemaugh Memorial Hospital) - Medulloblastoma
New York (Northport) - PNET
New York (Long Island Jewish Medical Center) - Medulloblastoma
New Jersey (Overlook Hospital) - Medulloblastoma (3)
Japan (Shimada City) - Medulloblastoma
Japan (Kurashiki) - Medulloblastoma (2); Neuroblastoma (1)
Japan (Singapore) - Medulloblastoma
Saudi Arabia (King Khalid University Hospital) - Medulloblastoma
Australia (Sydney) - Medulloblastoma

DIAGNOSIS:

Medulloblastoma, Cerebellar PNET*

T-X6040, M-94703

*Case Refereed by Kerby Oberg, M.D., Pediatric Pathology Consultant to the CTTR

REFERENCES:

- Yachnis AT. Neuropathology of Pediatric Brain Tumors. *Semin Pediatr Neurol* 1997; 4:282-291.
Provias JP, et al. Cellular and Molecular Pathology of Medulloblastoma. *J Neurooncol* 1996; 29:35-43.
Peterson K, et al. Medulloblastoma/Primitive Neuroectodermal Tumor in 45 Adults. *Neurol* 1995; 45 (3 Pt 1):440-442.
Geyer JR, et al. Metastasis Stage, Adjuvant Treatment, and Residual Tumor are Prognostic Factors for Medulloblastoma in Children. Conclusions from the Children's Cancer Group 921 Randomized Phase III Study. *J Clin Oncol* 1999; 17(3):832-845.
Paulino AC, et al. Medulloblastoma and Supratentorial Primitive Neuroectodermal Tumors. An Institutional Experience. *Cancer* 1999; 86(1):142-148.

Mountain View (El Camino Hospital) - Ewing's sarcoma/PNET
Bakersfield - Ewing's sarcoma r/o PNET
Orange (UCI Medical Center Residents) - PNET/Ewing's sarcoma
Bay Area - Ewing/PNET tumor (3)
Santa Rosa - Peripheral neuroectodermal tumor (1); Ewing's sarcoma vs. peripheral neuroectodermal tumor (1);
Primitive neuroectodermal tumor vs. Ewing's sarcoma (1)
San Diego (Naval Medical Center) - Ewing's sarcoma
Long Beach - Ewing's sarcoma (8)
Oakland (Kaiser) - Ewing's sarcoma (6)
Monterey (Community Hospital of Monterey Peninsula) - Ewing's tumor
Sacramento (UC Davis Health System) - PNET vs. Ewing's, favor PNET
Texas, El Paso (Texas Technical Medical Health Center) - Ewing's tumor/PNET
Louisiana, Shreveport (Louisiana State University Medical Center) - Small blue cell (Askin) tumor
Nebraska (Creighton University) - Askin tumor (small round blue cell tumor of thoracopulmonary trunk)
Indiana (Fort Wayne) - "Askin" tumor (small round cell sarcoma of thoracopulmonary origin, chest wall (Ewing's variant, PNET)
Michigan (Foote Hospital) - PNET (Askin tumor)
Florida (Tallahassee) - Ewing's sarcoma
Maryland (University of Maryland) - PNET/Ewing
Maryland (Woodbine) - Desmoplastic small round cell tumor (1); Neuroblastoma (1)
Maryland (National Naval Medical Center) - Ewing's sarcoma/peripheral neuroectodermal tumor (Askin tumor) (7)
Pennsylvania (Residents Conemaugh Memorial Hospital) - Ewing's sarcoma, bone
New York (Northport) - Ewing's sarcoma
New York (Long Island Jewish Medical Center) - Ewing's tumor/PNET
New Jersey (Overlook Hospital) - Ewing's sarcoma (3)
Japan (Shimada City) - Ewing's tumor
Japan (Kurashiki) - PNET/Ewing's sarcoma (so-called Askin's tumor) (3)
Japan (Singapore) - Ewing's sarcoma
Saudi Arabia (King Khalid University Hospital) - Ewing's sarcoma
Australia (Sydney) - Primitive neuroectodermal tumor of thoracopulmonary origin (Askin's tumor)

DIAGNOSIS:

Chest Wall PNET (Askin Tumor)*

T-Y2100, M-92603

*Case Refereed by Kerby Oberg, M.D., Pediatric Pathology Consultant to CTTR

REFERENCES:

- Cavazzana AO, et al. Peripheral Neuroepithelioma. A Light Microscopic, Immunocytochemical, and Ultrastructural Study. *Mod Pathol* 1992; 5:71-78.
- Coffin CM, et al. Peripheral Neurogenic Tumors of the Soft Tissues in Children and Adolescents. A Clinicopathologic Study of 139 Cases. *Pediatr Pathol* 1989; 9:387-407.
- Sawin RS, et al. Preresection Chemotherapy Improves Survival for Children with Askin Tumors. *Arch Surg* 1996; 131(8):877-880.
- Williams S, et al. Peripheral Neuroepithelioma with Ganglion Cells. Report of Two Cases and Review of the Literature. *Pediatr Dev Pathol* 1999; 2(1):42-49.
- Taneli C, et al. Askin Tumors in Children. A Report of Four Cases. *Eur J Pediatr Surg* 1998; 8(5):312-314.

Mountain View (El Camino Hospital) - Reactive follicular hyperplasia and fibrosing capsulitis (healing lymphadenitis?)

Bakersfield - Reactive lymphadenopathy

Orange (UCI Medical Center Residents) - Reactive follicular hyperplasia (7); Progressive transformation of germinal centers (1)

Bay Area - Atypical lymphofollicular hyperplasia (?ARC) (3)

Santa Rosa - Reactive lymphadenitis, r/o specific i.e. toxoplasmosis (1); Reactive lymphadenitis (2)

San Diego (Naval Medical Center) - Reactive lymph node, NOS

Long Beach - Reactive lymphoid hyperplasia (8)

Oakland (Kaiser) - Florid follicular hyperplasia (6)

Monterey (Community Hospital of Monterey Peninsula) - Lymphadenitis

Sacramento (UC Davis Health System) - Inflammatory pseudotumor

Texas, El Paso (Texas Technical Medical Health Center) - Reactive lymphadenitis

Louisiana, Shreveport (Louisiana State University Medical Center) - Follicular hyperplasia

Nebraska (Creighton University) - Infectious lymphadenitis, r/o toxoplasmosis

Indiana (Fort Wayne) - Granulomatous lymphadenitis,

Michigan (Foote Hospital) - Reactive lymph node histologically resembling ? micronucleosis.

Florida (Tallahassee) - Plasma cell granuloma

Maryland (University of Maryland) - Chronic lymphadenitis

Maryland (Woodbine) - Taxoplasmosis (1); Varicella (1)

Maryland (National Naval Medical Center) - Follicular lymphoid hyperplasia with increased plasma cells ? syphilis

Pennsylvania (Residents Conemaugh Memorial Hospital) - Hodgkin's lymphoma, nodular sclerosing

New York (Northport) - Hyperplastic lymph nodes (viral etiology?)

New York (Long Island Jewish Medical Center) - Florid follicular hyperplasia with folliculosis, consider early stages of infectious mononucleosis

New Jersey (Overlook Hospital) - Non-specific chronic lymphadenitis (3)

Japan (Shimada City) - Toxoplasmic lymphadenitis

Japan (Kurashiki) - Malignant lymphoma, partial involvement (2); Reactive lymphadenopathy (1)

Japan (Singapore) - Suggestive of syphilis lymphadenitis

Saudi Arabia (King Khalid University Hospital) - Reactive lymphoid follicular hyperplasia, exclude HIV infection

Australia (Sydney) - Inflammatory pseudotumor

DIAGNOSIS:

Reactive Lymphoid Hyperplasia, Neck*
T-Y0600, M-72200

*Case Refereed by Kerby Oberg, M.D., Pediatric Pathology Consultant to CTTR

REFERENCES:

- Ree HJ, et al. Bcl-6 Expression in Reactive Follicular Hyperplasia, Follicular Lymphoma, and Angioimmunoblastic T-Cell Lymphoma with Hyperplastic Germinal Centers. Heterogeneity of Intrafollicular T-Cells and Their Altered Distribution in the Pathogenesis of Angioimmunoblastic T-Cell Lymphoma. *Hum Pathol* 1999; 30:403-411.
- Nathwani BN, et al. Morphologic Criteria for the Differentiation of Follicular Lymphoma from Florid Reactive Follicular Hyperplasia. A Study of 80 Cases. *Cancer* 1981; 48:1794-1806.
- Giant MD. Cytopathology of Lymph Nodes in Nonspecific Reactive Hyperplasia. Prognostication and Differential Diagnoses. *Am J Clin Pathol* 1997; 108(4 Suppl 1):S31-55.
- Schmid U, et al. Cutaneous Follicular Lymphoid Hyperplasia with Monotypic Plasma Cells. A Clinicopathologic Study of 18 Patients. *Am J Surg Pathol* 1995; 19(1):12-20.
- Samoszuk M, et al. Disseminated Persistent Lymphoid hyperplasia Containing Epstein-Barr Virus and Clonal Rearrangements of DNA. *Diagn Mol Pathol* 1993; 2(1):57-60.
- Chilosi M, et al. Immunohistochemical Differentiation of Follicular Lymphoma from Florid Reactive Follicular Hyperplasia with Monoclonal Antibodies Reactive on Paraffin Sections. *Cancer* 1990 65(7):1562-1569.

Mountain View (El Camino Hospital) - Wilms' tumor
Bakersfield - Wilms' tumor
Orange (UCI Medical Center Residents) - Small blue cell tumor (5); Rhabdoid tumor (1); Wilms' tumor (2)
Bay Area - Wilms' tumor (3)
Santa Rosa - Malignant "round cell" tumor, r/o rhabdoid tumor, Neuroendocrine tumor, etc. (1); Rhabdoid tumor vs. primitive neuroectodermal tumor (2)
San Diego (Naval Medical Center) - Wilms' tumor (not anaplastic)
Long Beach - Wilms' tumor (8)
Oakland (Kaiser) - Malignant rhabdoid tumor (6)
Monterey (Community Hospital of Monterey Peninsula) - Wilms' tumor
Sacramento (UC Davis Health System) - Nephroblastoma
Texas, El Paso (Texas Technical Medical Health Center) - Wilms' tumor
Louisiana, Shreveport (Louisiana State University Medical Center) - Nephroblastoma
Nebraska (Creighton University) - Wilms' tumor, blastema type
Indiana (Fort Wayne) - Wilms' tumor, left kidney
Michigan (Foote Hospital) - Wilms' tumor
Florida (Tallahassee) - Wilms' tumor
Maryland (University of Maryland) - Wilms' tumor, favorable histology
Maryland (Woodbine) - PNET (2)
Maryland (National Naval Medical Center) - Wilms' tumor (6); PNET (1)
Pennsylvania (Residents Conemaugh Memorial Hospital) - Rhabdoid tumor, malignant, kidney
New York (Northport) - Anaplastic Wilms' tumor
New York (Long Island Jewish Medical Center) - Rhabdoid tumor vs. blastemal Wilms' tumor (favor rhabdoid tumor)
New Jersey (Overlook Hospital) - Nephroblastoma (favorable histology) (3)
Japan (Shimada City) - Nephroblastoma
Japan (Kurashiki) - Neuroblastoma (1); Wilms' tumor (1); Rhabdoid tumor (1)
Japan (Singapore) - Wilms' tumor, favorable histology
Saudi Arabia (King Khalid University Hospital) - Wilms' tumor, monophasic type
Australia (Sydney) - Rhabdoid tumor (5); Monophasic nephroblastoma (Wilms' tumor) (3)

DIAGNOSIS:

Nephroblastoma (Wilms' Tumor), Blastemal Pattern (Favorable Histology), Left Kidney
T-72020, M-89603

*Case Refereed by Kerby Oberg, M.D., Pediatric Pathology Consultant to the CTTR

REFERENCES:

Folpe AL, et al. Antibodies to Desmin Identify the Blastemal Component of Nephroblastoma. *Mod Pathol* 1997; 10:895-900.
Tarnowski BI, et al. Characterization of a Monoclonal Antibody Recognizing the Blastemal Element of Wilms' Tumors and Fetal Kidneys. *Pediatr Pathol* 1994; 14:849-862.
Green DM, et al. The Relationship Between Microstaging Variables, Age at Diagnosis, and Tumor Weight of Children with Stage I/Favorable Histology Wilms' Tumor. A Report from the National Wilms Tumor Study. *Cancer* 1994; 74(6):1817-1820.
Coppes MJ, et al. Factors Affecting the Risk of Contralateral Wilms' Tumor Development. A Report from the National Wilms Tumor Study Group. *Cancer* 1999; 85(7):1616-1625.
Beckwith JB. National Wilms Tumor Study. An Update for Pathologists. *Pediatr Dev Pathol* 1998; 1(1):79-84.
Beckwith JB, et al. Histological Analysis of Aggressiveness and Responsiveness in Wilms' Tumor. *Med Pediatr Oncol* 1996; 27(5):422-428.

Mountain View (El Camino Hospital) - Cystic renal dysplasia associated with lower urinary tract obstruction
Bakersfield - Dysplastic kidney
Orange (UCI Medical Center Residents) - Multicystic dysplasia
Bay Area - Renal dysplasia (3)
Santa Rosa - Polycystic kidney disease (1); Infantile polycystic kidney disease (2)
San Diego (Naval Medical Center) - Cystic renal dysplasia
Long Beach - Hereditary renal dysplasia (4); Polycystic kidney (4)
Oakland (Kaiser) - Cystic renal dysplasia (obstructive changes) (6)
Monterey (Community Hospital of Monterey Peninsula) - Cystic kidney due to atretic ureter
Sacramento (UC Davis Health System) - Renal dysplasia
Texas, El Paso (Texas Technical Medical Health Center) - Renal dysplasia
Louisiana, Shreveport (Louisiana State University Medical Center) - Cystic dysplastic kidney
Nebraska (Creighton University) - Renal cystic dysplasia associates with obstructive uropathy
Indiana (Fort Wayne) - Cystic dysplasia, left kidney
Michigan (Foote Hospital) - Dysplastic kidney
Florida (Tallahassee) - Cystic renal dysplasia
Maryland (University of Maryland) - Cystic renal dysplasia
Maryland (Woodbine) - Dysgenesis (2)
Maryland (National Naval Medical Center) - Renal dysplasia (7)
Pennsylvania (Residents Conemaugh Memorial Hospital) - Cystic dysplasia, kidney
New York (Northport) - Cystic renal dysplasia
New York (Long Island Jewish Medical Center) - Cystic renal dysplasia
New Jersey (Overlook Hospital) - "Dysplastic" kidneys associated with urinary tract atresia (3)
Japan (Shimada City) - Congenital obstructive microcystic kidney
Japan (Kurashiki) - Renal dysplasia (3)
Japan (Singapore) - Cystic renal dysplasia
Saudi Arabia (King Khalid University Hospital) - Cystic renal dysplasia
Australia (Sydney) - Cystic renal dysplasia

DIAGNOSIS:

Ectopic Kidney with Multicystic Renal Dysplasia, Pelvic*
T-Y6000, M-74000

*Case Refereed by Kerby Oberg, M.D., Pediatric Pathology Consultant to the CTTR

REFERENCES:

- Matsell DG. Renal Dysplasia. New Approaches to an Old Problem. *Am J Kidney Dis* 1998; 32:535-543.
Meizner I, et al. Fetal Pelvic Kidney. A Challenge in Prenatal Diagnosis? *Ultrasound Obstet Gynecol* 1995; 5:391-393.
Minevich E, et al. The Importance of Accurate Diagnosis and Early Close Followup in Patients with Suspected Multicystic Dysplastic Kidney. *J Urol* 1997; 158(3 Pt 2):1301-1304.
Matsell DG, et al. The Pathogenesis of Multicystic Dysplastic Kidney Disease. Insights from the Study of Fetal Kidneys. *Lab Invest* 1996; 74(5):883-893.
Stapleton FB, et al. What is the Appropriate Workup for a Child with a Multicystic Dysplastic Kidney? *Semin Nephrol* 1998; 18(3):357-358.

Mountain View (El Camino Hospital) - Embryonal rhabdomyosarcoma
Bakersfield - Ganglioneuroblastoma
Orange (UCI Medical Center Residents) - Embryonal rhabdomyosarcoma
Bay Area - Rhabdomyosarcoma (3)
Santa Rosa - Rhabdomyosarcoma (3)
San Diego (Naval Medical Center) - Embryonal rhabdomyosarcoma
Long Beach - Rhabdomyosarcoma (8)
Oakland (Kaiser) - Rhabdomyosarcoma (6)
Monterey (Community Hospital of Monterey Peninsula) - Seminoma
Sacramento (UC Davis Health System) - Favor rhabdomyosarcoma
Texas, El Paso (Texas Technical Medical Health Center) - Rhabdomyosarcoma
Louisiana, Shreveport (Louisiana State University Medical Center) - Embryonal rhabdomyosarcoma
Nebraska (Creighton University) - Embryonal rhabdomyosarcoma
Indiana (Fort Wayne) - Paratesticular rhabdomyosarcoma, testis
Michigan (Foote Hospital) - Rhabdomyosarcoma
Florida (Tallahassee) - Rhabdomyosarcoma
Maryland (University of Maryland) - Embryonal rhabdomyosarcoma, spindle cell variant
Maryland (Woodbine) - Rhabdomyosarcoma (2)
Maryland (National Naval Medical Center) - Embryonal rhabdomyosarcoma (7)
Pennsylvania (Residents Conemaugh Memorial Hospital) - Embryonal rhabdomyosarcoma
New York (Northport) - Rhabdomyosarcoma
New York (Long Island Jewish Medical Center) - Embryonal rhabdomyosarcoma
New Jersey (Overlook Hospital) - Rhabdomyosarcoma (3)
Japan (Shimada City) - Embryonal rhabdomyosarcoma
Japan (Kurashiki) - Rhabdomyosarcoma (3)
Japan (Singapore) - Paratesticular (embryonal) rhabdomyosarcoma
Saudi Arabia (King Khalid University Hospital) - Rhabdomyosarcoma
Australia (Sydney) - Rhabdomyosarcoma

DIAGNOSIS:

Rhabdomyosarcoma, Paratesticular

T-78000, M-89003

REFERENCES:

- Raney RB Jr., et al. Paratesticular Sarcoma in Childhood and Adolescence. A Report From the Intergroup Rhabdomyosarcoma Studies I and II 1973-1983. *Cancer* 1987; 60:2337-2343.
- Coffin CM. The New International Rhabdomyosarcoma Classification. Its Progenitors and Consideration Beyond Morphology. *Adv Ant Pathol* 1997; 4(1):1-16.
- Fox TA, Jr., et al. Rhabdomyosarcoma of the Spermatoc Cord. A Review and Case Presentation. *Am Surg* 1967; 33:483-489.
- Tanimura H, et al. Rhabdomyosarcoma of the Spermatoc Cord. *Cancer* 1968; 22:1215-1220.