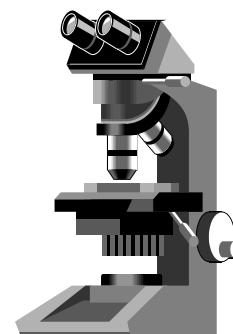


CALIFORNIA
TUMOR TISSUE REGISTRY

PEDIATRIC PATHOLOGY

Minutes – Subscription B

October 2014



SUGGESTED READING (General Topics from Recent Literature):

Recent advances in mucosal immunization using virus-like particles. *Mol Pharm* 2013; May 6;10(5): p1596-609. Vacher G; Kaeser MD; Moser C; Gurny R; Borchard G.

The ethics of mandatory flu shots. Balancing patient protection with healthcare worker autonomy is essential. *Health Exec* 2013; Nov-Dec;28(6): p42, 44-6. Nelson WA; Lahey T.

Hospital flu shot rates entering the public realm. *Hosp Case Manag* 2013; Jan;21(1): p10-1.

Far from perfect. Mandatory vaccination for healthcare workers--like flu shot--misses mark. *Mod Healthc* 2013; Jan 21;43(3): p24. Goozner M.

QUEST for a cure for hepatitis C virus: the end is in sight. *Lancet* 2014; Aug 2;384(9941): p381-3. Ghany MG; Gara N.

California Tumor Tissue Registry
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FILE DIAGNOSES

CTTR Subscription B

October 2014

Case 1:

Renal developmental dysplasia (cystic renal dysplasia)

Case 2:

Congenital mesoblastic nephroma

Case 3:

Wilms tumor (Nephroblastoma), kidney

Case 4:

Clear cell sarcoma, kidney

Case 5:

Angiomyolipoma, kidney

Case 6:

Fibrous hamartoma of infancy, back

Case 7:

Fibromatosis, neck

Case 8:

Mature cystic teratoma, mediastinum

Case 9:

Sacrocccygeal teratoma, immature

Case 10:

Nasopharyngeal angiofibroma

Glendale - Multicystic renal dysplasia
Orinda (Kaiser Permanente) - Metanephric stromal tumor
San Diego (Naval Medical Center) - Cystic renal dysplasia
San Jose - End-stage kidney, renal dysplasia
Torrance (UCLA Medical Center) - ARPKD
Alabama (Cunningham Pathology) - Renal hyperplasia
Delaware (Armed Forces Medical Examine System) - Cystic renal dysplasia
Georgia, Atlanta - Renal dysplasia
Illinois (Heartland Regional Medical Center) - Multicystic dysplastic kidney
Maryland (University of Maryland Medical System) - Multicystic dysplastic kidney
New York (SUNY Downstate Medical Center) - Multicystic renal dysplasia
North Carolina (Vidant Medical Center) - Cystic renal dysplasia
Ohio (Cleveland Clinic Residents) - Renal dysplasia
Ohio (University of Toledo Medical Center Residents) - Cystic renal dysplasia
Oregon (Oregon Health and Science University) - Multicystic renal dysplasia
Pennsylvania (Drexel University College of Medicine) - Renal dysplasia
Puerto Rico (University of Puerto Rico Residents) - Multicystic renal dysplasia
Tennessee, Knoxville - Cystic dysplastic kidney
Texas (Crystal Beach) - Wilms tumor with stromal cell differentiation
Texas, Lubbock - Renal dysplasia
Australia (Royal Prince Alfred Hospital) - Cystic renal dysplasia
Canada (Pasqua Hospital) - Renal dysplasia
Canada (Royal Alexandra Hospital) - Renal dysplasia
India (Sri Siddhartha Medical College Tumkur) - Familial juvenile nephron opthisis (sp?), medullary cystic disease complex
Japan (Asahi General Hospital) - Renal dysplasia (2)
Japan (Lions Mansion Nijyo) - Multicystic renal dysplasia, right kidney
Japan (Setagaya-Ku) - Involut kidney
Japan (University of Yamanashi) - Cystic renal dysplasia

Case 1 - Diagnosis:

Renal developmental dysplasia (cystic renal dysplasia)

Case 1 - References:

Clinico-pathological profile of 22 cases of cystic renal dysplasia. *Indian J Pathol Microbiol* 2007; Jan;50(1): p6-10. Singh S; Gupta R, et al.
 Risk of hypertension with multicystic kidney disease: a systematic review. *Arch Dis Child* 2005; Sep;90(9): p921-4. Narchi H.
 Prenatal diagnosis of multicystic dysplastic kidney disease in the second trimester screening. *Prenat Diagn* 2013; Aug;33(8): p726-31. Al Naimi A; Baumuller JE, et al.
 Bilateral diffuse cystic renal dysplasia in a 9-day-old Thoroughbred filly. *Can Vet J* 2014; Feb;55(2): p141-6. Medina-Torres CE; Hewson J, et al.
 Unilateral multicystic dysplastic kidney: does initial size matter? *Pediatr Nephrol* 2012; Aug;27(8): p1335-40. Hayes WN; Watson AR.

Glendale - Congenital mesoblastic nephroma
Orinda (Kaiser Permanente) - Congenital mesoblastic nephroma
San Diego (Naval Medical Center) - Mesoblastic nephroma, mixed type
San Jose - Mesoblastic nephroma
Torrance (UCLA Medical Center) - Metanephric stromal tumor

Alabama (Cunningham Pathology) - Mesoblastic nephroma
Delaware (Armed Forces Medical Examine System) - Congenital mesoblastic nephroma
Georgia, Atlanta - Mesoblastic nephroma, classic type
Illinois (Heartland Regional Medical Center) - Congenital mesoblastic nephroma (classic variant)
Maryland (University of Maryland Medical System) - Congenital mesoblastic nephroma, cellular variant
New York (SUNY Downstate Medical Center) - Congenital mesoblastic nephroma
North Carolina (Vidant Medical Center) - Congenital mesoblastic nephroma
Ohio (Cleveland Clinic Residents) - Congenital mesoblastic nephroma
Ohio (University of Toledo Medical Center Residents) - Congenital mesoblastic nephroma
Oregon (Oregon Health and Science University) - Congenital mesoblastic nephroma
Pennsylvania (Drexel University College of Medicine) - Congenital mesoblastic nephroma
Puerto Rico (University of Puerto Rico Residents) - Congenital mesoblastic nephroma (classic mixed type)
Tennessee, Knoxville - Nephroma, classic type
Texas (Crystal Beach) - Hibernoma
Texas, Lubbock - Congenital mesoblastic nephroma
Australia (Royal Prince Alfred Hospital) - Mesoblastic nephroma
Canada (Pasqua Hospital) - Congenital mesoblastic nephroma
Canada (Royal Alexandra Hospital) - Mesoblastic nephroma
India (Sri Siddhartha Medical College Tumkur) - Mesoblastic nephroma
Japan (Asahi General Hospital) - Congenital mesoblastic nephroma (2)
Japan (Lions Mansion Nijyo) - Congenital mesoblastic nephroma, left kidney
Japan (Setagaya-Ku) - Congenital mesoblastic fibroma
Japan (University of Yamanashi) - Congenital mesoblastic nephroma

Case 2 - Diagnosis:

Congenital mesoblastic nephroma

Case 2 - References:

Congenital mesoblastic nephroma. *J Urol* 2010; Mar;183(3): p1188-9. Gruver AM; Hansel DE, et al.
 Cytodiagnosis of congenital mesoblastic nephroma: a case report. *Diagn Cytopathol* 2013; Mar;41(3): p234-8. Kulkarni MP; Gosavi AV, et al.
 Pathologic quiz case: renal mass in a 3-week-old infant. Congenital mesoblastic nephroma, mixed type. *Arch Pathol Lab Med* 2004; Aug;128(8): p929-30. Munivenkatappa RB; Sun CC.
 Adult mesoblastic nephroma: a case with fatal recurrence. *Urol J* 2008; Spring;5(2): p136-7. Moslemi MK.
 Gene expression profiling of mesoblastic nephroma and Wilms tumors--comparison and clinical implications. *Urology* 2004; Aug;64(2): p362-8. Sugimura J; Yang XJ, et al.

Case No. 3, Accession No. 31926

October 2014

Glendale - Wilms tumor
Orinda (Kaiser Permanente) - Wilms tumor
San Diego (Naval Medical Center) - Wilms tumor
San Jose - Wilms tumor
Torrance (UCLA Medical Center) - Wilms tumor
Alabama (Cunningham Pathology) - Wilms tumor
Delaware (Armed Forces Medical Examine System) - Wilms tumor
Georgia, Atlanta - Nephroblastoma (Wilms tumor)
Illinois (Heartland Regional Medical Center) - Nephroblastoma
Maryland (University of Maryland Medical System) - Wilms tumor
New York (SUNY Downstate Medical Center) - Wilms tumor
North Carolina (Vidant Medical Center) - Nephroblastoma
Ohio (Cleveland Clinic Residents) - Wilms tumor/nephroblastoma
Ohio (University of Toledo Medical Center Residents) - Wilms tumor
Oregon (Oregon Health and Science University) - Wilms tumor

Pennsylvania (Drexel University College of Medicine) - Nephroblastoma (Wilms tumor)
Puerto Rico (University of Puerto Rico Residents) - Wilms tumor, favorable histology
Tennessee, Knoxville - Wilms tumor
Texas (Crystal Beach) - Wilms tumor
Texas, Lubbock - Wilms tumor
Australia (Royal Prince Alfred Hospital) - Nephroblastoma (Wilms) triphasic
Canada (Pasqua Hospital) - Wilms tumor
Canada (Royal Alexandra Hospital) - Wilms tumor
India (Sri Siddhartha Medical College Tumkur) - Wilms tumor
Japan (Asahi General Hospital) - Nephroblastoma (2)
Japan (Lions Mansion Nijyo) - Nephroblastoma, left kidney
Japan (Setagaya-Ku) - Nephroblastoma
Japan (University of Yamanashi) - Nephroblastoma

Case 3 - Diagnosis:

Wilms tumor (Nephroblastoma), kidney

Case 3 - References:

The Perlman syndrome: familial renal dysplasia with Wilms tumor, fetal gigantism and multiple congenital anomalies. *Am J Med Genet A* 2013; Nov;161A(11): p2691-6. Neri G; Martini-Neri ME, et al.
 Extrarenal Wilms tumor: a case report and review of the literature. *J Pediatr Surg* 2013; Jun;48(6): pE33-5. Rojas Y; Slater BJ, et al.
 Clinicopathologic findings predictive of relapse in children with stage III favorable-histology Wilms tumor. *J Clin Oncol* 2013; Mar 20;31(9): p1196-201. Ehrlich PF; Anderson JR, et al.
 Management of adults with Wilms' tumor: recommendations based on international consensus. *Expert Rev Anticancer Ther* 2011; Jul;11(7): p1105-13. Segers H; van den Heuvel-Eibrink MM, et al.
 The many facets of the Wilms' tumour gene, WT1. *Hum Mol Genet* 2006; Oct 15;15 Spec No 2:R196-201 Hohenstein P; Hastie ND.
 Wilms' tumor. Role of fine needle aspiration and DNA ploidy by image analysis in prognostication. *Anal Quant Cytol Histol* 1999; Dec;21(6): p505-11. Iyer VK; Kapila K, et al.
 Gain of 1q is a marker of poor prognosis in Wilms' tumors. *Genes Chromosomes Cancer* 2013; Nov;52(11): p1065-74. Segers H; van den Heuvel-Eibrink MM, et al.

Case No. 4, Accession No. 31940

October 2014

Glendale - Clear cell sarcoma
Orinda (Kaiser Permanente) - Clear cell sarcoma
San Diego (Naval Medical Center) - Clear cell sarcoma
San Jose - Clear cell sarcoma
Torrance (UCLA Medical Center) - Clear cell sarcoma of kidney
Alabama (Cunningham Pathology) - Clear cell carcinoma
Delaware (Armed Forces Medical Examine System) - Clear cell sarcoma of kidney
Georgia, Atlanta - Clear cell sarcoma
Illinois (Heartland Regional Medical Center) - Rhabdoid tumor
Maryland (University of Maryland Medical System) - Clear cell sarcoma
New York (SUNY Downstate Medical Center) - Clear cell sarcoma
North Carolina (Vidant Medical Center) - Rhabdoid tumor
Ohio (Cleveland Clinic Residents) - Clear cell sarcoma
Ohio (University of Toledo Medical Center Residents) - Clear cell sarcoma of kidney
Oregon (Oregon Health and Science University) - Rhabdoid tumor
Pennsylvania (Drexel University College of Medicine) - Clear cell sarcoma
Puerto Rico (University of Puerto Rico Residents) - Rhabdoid tumor (rule out inflammatory myofibroblastic tumor)
Tennessee, Knoxville - Clear cell sarcoma of kidney
Texas (Crystal Beach) - Sarcoma clear cell

Texas, Lubbock - Renal cell carcinoma probable Xp11.2 translocation
Australia (Royal Prince Alfred Hospital) - Clear cell sarcoma of kidney
Canada (Pasqua Hospital) - Clear cell sarcoma of kidney
Canada (Royal Alexandra Hospital) - Rhabdoid tumor
India (Sri Siddhartha Medical College Tumkur) - Clear cell sarcoma
Japan (Asahi General Hospital) - Clear cell sarcoma (2)
Japan (Lions Mansion Nijyo) - Clear cell sarcoma, right kidney
Japan (Setagaya-Ku) - Clear cell sarcoma
Japan (University of Yamanashi) - Renal rhabdoid tumor

Case 4 - Diagnosis:

Clear cell sarcoma, kidney

Case 4 - References:

Incidental capture of rarely diagnosed pediatric tumor: an infant boy with clear cell sarcoma of the kidney. *Urology* 2013; Dec;82(6): p1416-8. Hartman RJ; Welchons DR, et al.
 YWHAE-FAM22 gene fusion in clear cell sarcoma of the kidney. *J Pathol* 2012; Aug;227(4): pe5-7. Fehr A; Hansson MC, et al.
 Clear cell sarcoma of the kidney. *J Urol* 2011; Jan;185(1): p279-80. Watts KE; Hansel DE; MacLennan GT.
 Clear cell sarcoma of the kidney: a review. *Eur J Cancer* 2012; Sep;48(14): p2219-26. Gooskens SL; Furtwangler R, et al.
 Clear cell sarcomas of the kidney registered on International Society of Pediatric Oncology (SIOP) 93-01 and SIOP 2001 protocols: a report of the SIOP Renal Tumour Study Group. *Eur J Cancer* 2013; Nov;49(16): p3497-506. Furtwangler R; Gooskens SL, et al.
 Characterization of the chromosomal translocation t(10; 17)(q22; p13) in clear cell sarcoma of kidney. *J Pathol* 2012; May;227(1): p72-80. O'Meara E; Stack D; Lee CH, et al.

Case No. 5, Accession No. 31901

October 2014

Glendale - Angiomyolipoma
Orinda (Kaiser Permanente) - Angiomyolipoma
San Diego (Naval Medical Center) - Angiomyolipoma
San Jose - Atypical lipomatous tumor
Torrance (UCLA Medical Center) - Angiomyolipoma
Alabama (Cunningham Pathology) - Angiomyolipoma
Delaware (Armed Forces Medical Examine System) - Ganglioneuroma
Georgia, Atlanta - Angiomyolipoma
Illinois (Heartland Regional Medical Center) - Angiomyolipoma
Maryland (University of Maryland Medical System) - Angiomyolipoma
New York (SUNY Downstate Medical Center) - Angiomyolipoma
North Carolina (Vidant Medical Center) - Angiomyolipoma
Ohio (Cleveland Clinic Residents) - Angiomyolipoma
Ohio (University of Toledo Medical Center Residents) - Angiomyolipoma
Oregon (Oregon Health and Science University) - Angiomyolipoma
Pennsylvania (Drexel University College of Medicine) - Angiomyolipoma
Puerto Rico (University of Puerto Rico Residents) - Angiomyolipoma
Tennessee, Knoxville - Angiomyolipoma
Texas (Crystal Beach) - Angiomyolipoma
Texas, Lubbock - Angiofibroma
Australia (Royal Prince Alfred Hospital) - Angiomyolipoma (likely tuberous sclerosis related)
Canada (Pasqua Hospital) - Angiomyolipoma
Canada (Royal Alexandra Hospital) - Angiomyolipoma
India (Sri Siddhartha Medical College Tumkur) - Angiomyolipoma
Japan (Asahi General Hospital) - Angiolipoma (2)

Japan (Lions Mansion Nijyo) - Angiomyolipoma
Japan (Setagaya-Ku) - Angiomyolipoma
Japan (University of Yamanashi) - Angiomyolipoma

Case 5 - Diagnosis:

Angiomyolipoma, kidney

Case 5 - References:

Minimal fat angiomyolipoma: a controversial subtype of classic angiomyolipoma. *AJR Am J Roentgenol* 2013; Aug;201(2): pW359. Pusioli T; Piscioli I; Scialpi M.
Hepatic angiomyolipoma with minimal fat, mimicking hepatocellular carcinoma. *Clin Mol Hepatol* (Korea 2012;Sep;18(3): p330-5. Lee SJ; Kim SY, et al.
Extrarenal retroperitoneal angiomyolipoma mimicking metastatic melanoma: CT and FDG PET correlation. *Clin Nucl Med* 2012; Jul;37(7): p705-6. Welling RD; Lungren MP; Coleman RE.
Hepatic angiomyolipoma: a series of six cases with emphasis on pathological-radiological correlations and unusual variants diagnosed by core needle biopsy. *Int J Clin Exp Pathol* 2012;5(6): p512-21. Agaimy A; Vassos N, et al.
Epithelioid angiomyolipoma: a morphologically distinct variant that mimics a variety of intra-abdominal neoplasms. *Arch Pathol Lab Med* 2011; May;135(5): p665-70. Mete O; van der Kwast TH.
Angiomyolipoma in the lung detected 15 years after a nephrectomy for renal angiomyolipoma. *Ann Thorac Surg* 2010; Jan;89(1): p298-300. Hino H; Ikeda S, et al.
Renal epithelioid angiomyolipoma: a study of six cases and a meta-analytic study. Development of criteria for screening the entity with prognostic significance. *Histopathology* 2009; Nov;55(5): p525-34. Faraji H; Nguyen BN; Mai KT

Case No. 6, Accession No. 28811

October 2014

Glendale - Plexiform fibrous histiocytoma
Orinda (Kaiser Permanente) - Fibrous hamartoma of infancy
San Diego (Naval Medical Center) - Fibrous hamartoma of infancy
San Jose - Fibrous hamartoma of infancy
Torrance (UCLA Medical Center) - Lipoblastoma
Alabama (Cunningham Pathology) - fibrous hamartoma
Delaware (Armed Forces Medical Examine System) - Fibrous hamartoma of infancy
Georgia, Atlanta - Fibrous hamartoma of infancy
Illinois (Heartland Regional Medical Center) - Fibrous hamartoma of infancy
Maryland (University of Maryland Medical System) - Fibrous hamartoma
New York (SUNY Downstate Medical Center) - Fibrous hamartoma of infancy
North Carolina (Vidant Medical Center) - Fibrous hamartoma of infancy
Ohio (Cleveland Clinic Residents) - Fibrous hamartoma of infancy
Ohio (University of Toledo Medical Center Residents) - Fibrous hamartoma of infancy
Oregon (Oregon Health and Science University) - Fibrous hamartoma of infancy
Pennsylvania (Drexel University College of Medicine) - Angiolipoma
Puerto Rico (University of Puerto Rico Residents) - Fibrous hamartoma of infancy vs. lipofibromatosis
Tennessee, Knoxville - Fibrous hamartoma of infancy
Texas (Crystal Beach) - Lipoma atypical (with smooth muscle and fibrous tissue)
Texas, Lubbock - Hamartoma of infancy
Australia (Royal Prince Alfred Hospital) - Fibrous hamartoma of infancy
Canada (Pasqua Hospital) - Fibrous hamartoma of infancy
Canada (Royal Alexandra Hospital) - Fibrous hamartoma of infancy
India (Sri Siddhartha Medical College Tumkur) - Fibrous hamartoma of infancy
Japan (Asahi General Hospital) - Infiltrating angiolipoma (2)
Japan (Lions Mansion Nijyo) - Fibrous hamartoma of infancy, back

Japan (Setagaya-Ku) - Neurofibroma
Japan (University of Yamanashi) - Lipofibroma

Case 6 - Diagnosis:

Fibrous hamartoma of infancy, back

Case 6 - References:

Giant fibrous hamartoma of infancy: a report of two cases and review of the literature. *J Am Acad Dermatol* 2011; Mar;64(3): p579-86. McGowan J; Smith CD; Maize J; Cook J.
Cytogenetic characterization of a fibrous hamartoma of infancy with complex translocations. *Cancer Genet Cytogenet* 2010; Aug;201(1): p66-9. Tassano E; Nozza P, et al.
Recurrence of fibrous hamartoma of infancy excised 14 years after the primary surgery. *J Neurosurg Pediatr* 2010; Jan;5(1): p136-9. Miyamoto M; Tsunoda R, et al.
Fibrous hamartoma of infancy of the labium majus: a typical lesion in an unusual site. *Pathologica* 2010; Apr;102(2): p71-4. Vecchio GM; Miano AE, et al.
Vulvar fibrous hamartoma of infancy: a rare case report and review of literature. *J Low Genit Tract Dis* 2013; Jan;17(1): p92-4. Monajemzadeh M; Vasei M, et al.
Paratesticular fibrous hamartoma in an infant. *Singapore Med J* 2012; Mar;53(3): pe63-5. Sengar M; Mohta A, et al.
Asymptomatic nodule's on a child's back: Challenge. Fibrous hamartoma of infancy. *Am J Dermatopathol* 2010; Apr;32(2): p170, 198-9. Seelhammer T; Seelhammer T, et al.

Case No. 7, Accession No. 31918

October 2014

Glendale - Infantile fibromatosis
Orinda (Kaiser Permanente) - Myofibroma vs. fibromatosis
San Diego (Naval Medical Center) - Desmoid tumor (fibromatosis)
San Jose - Fibromatosis
Torrance (UCLA Medical Center) - Leiomyoma of deep soft tissue
Alabama (Cunningham Pathology) - Fibromatosis
Delaware (Armed Forces Medical Examine System) - Fibromatosis
Georgia, Atlanta - Fibromatosis
Illinois (Heartland Regional Medical Center) - Extra-abdominal fibromatosis
Maryland (University of Maryland Medical System) - Fibromatosis
New York (SUNY Downstate Medical Center) - Fibromatosis
North Carolina (Vidant Medical Center) - Fibromatosis
Ohio (Cleveland Clinic Residents) - Fibromatosis
Ohio (University of Toledo Medical Center Residents) - Fibromatosis
Oregon (Oregon Health and Science University) - Fibromatosis
Pennsylvania (Drexel University College of Medicine) - Infantile myofibroma
Puerto Rico (University of Puerto Rico Residents) - Fibromatosis, desmoid type
Tennessee, Knoxville - Fibromatosis
Texas (Crystal Beach) - Schwannoma
Texas, Lubbock - Angiofibroma
Australia (Royal Prince Alfred Hospital) - Fibromatosis
Canada (Pasqua Hospital) - Dermoid fibromatosis
Canada (Royal Alexandra Hospital) - Desmoid type fibromatosis
India (Sri Siddhartha Medical College Tumkur) - Infantile myofibromatosis
Japan (Asahi General Hospital) - Fibromatosis coli (2)
Japan (Lions Mansion Nijyo) - Inclusion body fibromatosis, extra-digital, left neck
Japan (Setagaya-Ku) - Fibromatosis
Japan (University of Yamanashi) - Nodular fasciitis fibroma

Case 7 - Diagnosis:

Fibromatosis, neck

Case 7 - References:

Fibromatosis of the cervical region following laminectomy: a case report and literature review. *Spine* (Phila Pa 1976) 2012; Apr 1;37(7): pE456-9. Sevak S; Blount AL, et al.
Aggressive fibromatosis in the head and neck region: Benign tumor with often mutilating effects. *Head Neck* 2013; Aug;35(8): pE246-50. Hendriks MP; Driessen CM, et al.
Age-based treatment of aggressive fibromatosis in the head and neck region. *J Oral Maxillofac Surg* 2014; Feb;72(2): p311-21. Wang W; Koirala U, et al.
Aggressive fibromatosis of the head and neck: case report and review of the literature. *J Otolaryngol* 2005; Aug;34(4): p289-94. Abikhzer G; Bouganim N; Finesilver .
Unusual fibromatosis of the head and neck. *Otolaryngol Head Neck Surg* 2004; Mar;130(3): p366-9. Lessow AS; Song P; Komisar A.
Cytopathology of fibromatosis colli. *Cytopathology* 2007; Aug;18(4): p266-8. Nayak SP; Munshi MM; Bobhate SK
Aggressive fibromatosis (desmoid tumors): definition, occurrence, pathology, diagnostic problems, clinical behavior, genetic background. *Pol J Pathol* 2006;57(1): p5-15. Ferenc T; Sygut J, et al.

Case No. 8, Accession No. 28905

October 2014

Glendale - Mature teratoma
Orinda (Kaiser Permanente) - Teratoma
San Diego (Naval Medical Center) - Mature cystic teratoma
San Jose - Teratoma
Torrance (UCLA Medical Center) - Mature cystic teratoma
Alabama (Cunningham Pathology) - Bronchogenic cyst
Delaware (Armed Forces Medical Examine System) - Mature cystic teratoma
Georgia, Atlanta - Teratoma
Illinois (Heartland Regional Medical Center) - Teratoma, mature
Maryland (University of Maryland Medical System) - Mature cystic teratoma
New York (SUNY Downstate Medical Center) - Mature teratoma
North Carolina (Vidant Medical Center) - Congenital cystic adenomatoid malformation
Ohio (Cleveland Clinic Residents) - Mature teratoma
Ohio (University of Toledo Medical Center Residents) - Bronchogenic cyst
Oregon (Oregon Health and Science University) - Teratoma
Pennsylvania (Drexel University College of Medicine) - Congenital pulmonary airway malformation on CPAM
Puerto Rico (University of Puerto Rico Residents) - Mature teratoma
Tennessee, Knoxville - Mature cystic teratoma
Texas (Crystal Beach) - Teratoma
Texas, Lubbock - Teratoma
Australia (Royal Prince Alfred Hospital) - Teratoma (focal neuromelanin in neuroepithelium and glia)
Canada (Pasqua Hospital) - Congenital adenomatoid malformation
Canada (Royal Alexandra Hospital) - Bronchogenic cyst
India (Sri Siddhartha Medical College Tumkur) - Germ cell tumor, teratoma of mediastinum
Japan (Asahi General Hospital) - Bronchogenic cyst (2)
Japan (Lions Mansion Nijyo) - Teratoma, mature, mediastinum
Japan (Setagaya-Ku) - Teratoma
Japan (University of Yamanashi) - Bronchogenic cyst

Case 8 - Diagnosis:

Mature cystic teratoma, mediastinum

Case 8 - References:

Multilocular thymic cyst associated with mature mediastinal teratoma: a report of 2 cases. *Arch Pathol Lab Med* 2004; Feb;128(2): p227-8. Rakheja D; Weinberg AG.

Adenocarcinoma arising in anterior mediastinal mature cystic teratoma: report of a case. *Surg Today* 2008;38(4): p348-51. Sakurai H; Miyashita Y; Oyama T.
 Mediastinal cystic teratoma. *Ann Thorac Surg* 2004; Aug;78(2): pe34. Cesario A; Galetta D, et al.
 An unusual case of giant mediastinal teratoma with malignant transformation. *Ann Thorac Surg* 2008; Jul;86(1): p302-4. Chen C; Zheng H; Jiang S.
 Mature cystic teratoma: unusual presentation as anterior neck swelling. *Singapore Med J* 2004; Mar;45(3): p130-1. Rahman MT; Jaafar H, et al.

Case No. 9, Accession No. 28685

October 2014

Glendale - Immature teratoma
San Diego (Naval Medical Center) - Immature teratoma
San Jose - Teratoma
Torrance (UCLA Medical Center) - Mature cystic teratoma
Alabama (Cunningham Pathology) - Teratoma
Delaware (Armed Forces Medical Examine System) - Sacrococcygeal teratoma
Georgia, Atlanta - Immature teratoma
Illinois (Heartland Regional Medical Center) - Teratoma, immature
Maryland (University of Maryland Medical System) - Immature teratoma, grade 2
New York (SUNY Downstate Medical Center) - Immature teratoma
North Carolina (Vidant Medical Center) - Teratoma
Ohio (Cleveland Clinic Residents) - Sacrococcygeal teratoma
Ohio (University of Toledo Medical Center Residents) - Immature teratoma, G2
Oregon (Oregon Health and Science University) - Teratoma with immature features
Pennsylvania (Drexel University College of Medicine) - Immature cystic teratoma
Puerto Rico (University of Puerto Rico Residents) - Immature teratoma, grade 1
Tennessee, Knoxville - Immature teratoma
Texas (Crystal Beach) - Chordoma
Texas, Lubbock - Teratoma
Australia (Royal Prince Alfred Hospital) - Sacrococcygeal teratoma
Canada (Pasqua Hospital) - Sacrococcygeal teratoma
Canada (Royal Alexandra Hospital) - Immature teratoma
India (Sri Siddhartha Medical College Tumkur) - Sacrococcygeal teratoma
Japan (Asahi General Hospital) - Sacrococcygeal teratoma (2)
Japan (Lions Mansion Nijyo) - Coccygeal teratoma
Japan (Setagaya-Ku) - Immature teratoma
Japan (University of Yamanashi) - Sacrococcygeal teratoma

Case 9 - Diagnosis:

Sacrococcygeal teratoma, immature

Case 9 - References:

Factors associated with recurrence and metastasis in sacrococcygeal teratoma. *Br J Surg* 2006; Dec;93(12): p1543-8. Derikx JP; De Backer A, et al.
 Sacrococcygeal teratoma in adult: report of a case. *Int J Gastrointest Cancer* 2006;37(2-3): p91-3. Juca M; de Oliveira FF, et al.
 Surgical outcomes in adults with benign and malignant sacrococcygeal teratoma: a single-institution experience of 26 cases. *Dis Colon Rectum* 2014; Jul;57(7): p851-7. Simpson PJ; Wise KB, et al.
 Sacrococcygeal teratoma--a 25-year experience in a UK regional center. *J Pediatr Surg* 2006; Sep;41(9): p1513-6. Gabra HO; Jesudason EC, et al.
 Malignant sacrococcygeal germ cell tumors in children: a 30-year experience from a single institution. *Tumori* 2013; Jan-Feb;99(1): p51-6. Buyukpamukcu M; Varan A, et al.

Glendale - Nasopharyngeal angiofibroma
San Diego (Naval Medical Center) - Nasopharyngeal angiofibroma
San Jose - Nasopharyngeal angiofibroma
Torrance (UCLA Medical Center) - Angiofibroma, nasopharyngeal
Alabama (Cunningham Pathology) - Nasal angiofibroma
Delaware (Armed Forces Medical Examine System) - Nasopharyngeal angiofibroma
Georgia, Atlanta - Nasopharyngeal
Illinois (Heartland Regional Medical Center) - Nasopharyngeal angiofibroma
Maryland (University of Maryland Medical System) - Angiofibroma
New York (SUNY Downstate Medical Center) - Juvenile nasopharyngeal angiofibroma
North Carolina (Vidant Medical Center) - Nasopharyngeal angiofibroma
Ohio (Cleveland Clinic Residents) - Juvenile nasopharyngeal angiofibroma
Ohio (University of Toledo Medical Center Residents) - Juvenile angiofibroma
Oregon (Oregon Health and Science University) - Nasal angiofibroma
Pennsylvania (Drexel University College of Medicine) - Nasal angiofibroma
Puerto Rico (University of Puerto Rico Residents) - Nasopharyngeal angiofibroma
Tennessee, Knoxville - Nasopharyngeal angiofibroma
Texas (Crystal Beach) - Nasal fibroma
Texas, Lubbock - Angiofibroma
Australia (Royal Prince Alfred Hospital) - Nasal angiofibroma
Canada (Pasqua Hospital) - Nasopharyngeal angiofibroma
Canada (Royal Alexandra Hospital) - Nasopharyngeal angiofibroma
India (Sri Siddhartha Medical College Tumkur) - Angiofibroma
Japan (Asahi General Hospital) - Angiofibroma (2)
Japan (Lions Mansion Nijyo) - Angiofibroma, nose
Japan (Setagaya-Ku) - Hemangioma
Japan (University of Yamanashi) - Nasopharyngeal angiofibroma

Case 10 - Diagnosis:

Nasopharyngeal angiofibroma

Case 10 - References:

Use of coblation in resection of juvenile nasopharyngeal angiofibroma. *Ann Otol Rhinol Laryngol* 2013; Jun;122(6): p353-7. Cannon DE; Poetker DM, et al.
Juvenile nasopharyngeal angiofibroma with intracranial extension. *Otolaryngol Head Neck Surg* 2011; Sep;145(3): p498-504. Mattei TA; Nogueira GF; Ramina R.
The site of origin and expansive routes of juvenile nasopharyngeal angiofibroma (JNA). *Int J Pediatr Otorhinolaryngol* 2011; Sep;75(9): p1088-92. Liu ZF; Wang DH, et al.
Effect of embolisation on endoscopic resection of angiofibroma. *J Laryngol Otol* 2010; Jun;124(6): p631-5. Mohammadi M; Saedi B; Basam A.
Juvenile nasopharyngeal angiofibroma: analysis of 42 cases and important aspects of endoscopic approach. *Int J Pediatr Otorhinolaryngol* 2009; Mar;73(3): p401-8. Midilli R; Karci B; Akyildiz S.

