

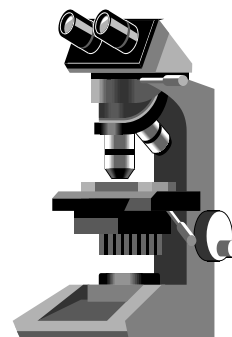


CALIFORNIA
TUMOR TISSUE REGISTRY

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

September, 2014
“Gastrointestinal Pathology”

Case #1

Duarte - Endometriosis
Woodland Hills (So Calif Permanente Medical Group) - Endometriosis
Arkansas (The Lab of Pathology, P.A.) - Endometriosis
Illinois, Oak Brook - Endometriosis
Kansas (Peterson Laboratory Services, P.A.) - Endometriosis
Louisiana, Shreveport - Endometriosis
Maryland, Baltimore - Endometriosis
Nebraska (Veterans Medical Center) - Endometriosis
Ohio, Columbus - Colon, endometriosis

Diagnosis:

Endometriosis, colon

Refs:

Preoperative assessment of intestinal endometriosis: A comparison of transvaginal sonography with water-contrast in the rectum, transrectal sonography, and barium enema.
Abdom Imaging 2010 Dec;35(6): p732-6
Bergamini V; Ghezzi F, et al.

Evaluation of colonic involvement in endometriosis: double-contrast barium enema vs. magnetic resonance imaging.
Abdom Imaging 2010 Aug;35(4): p414-21
Faccioli N; Foti G, et al.

Endometriosis at several sites, cyclic bowel symptoms, and the likelihood of the appendix being affected.
Fertil Steril 2010 Aug;94(3): p1099-101
Abrao MS; Dias JA, et al.

Colonic endometriosis mimicking colon cancer on a virtual colonoscopy study: a potential pitfall in diagnosis.
Case Rep Med 2009;2009:379578
Samet JD; Horton KM, et al.

Endometriosis of the appendix resulting in perforated appendicitis.
Case Rep Gastroenterol 2007;1(1): p27-31
Hasegawa T; Yoshida K; Matsui K

Case #2

Duarte - Eosinophilic esophagitis
Woodland Hills (So Calif Permanente Medical Group) - Eosinophilic esophagitis
Arkansas (The Lab of Pathology, P.A.) - Eosinophilic esophagitis
Illinois, Oak Brook - Eosinophilic esophagitis
Kansas (Peterson Laboratory Services, P.A.) - Eosinophilic esophagitis
Louisiana, Shreveport - Eosinophilic esophagitis

Maryland, Baltimore - Eosinophilic esophagitis
Nebraska (Veterans Medical Center) - Eosinophilic esophagitis (allergic esophagitis)
Ohio, Columbus - Esophagus, eosinophilic esophagitis

Diagnosis:

Bx of proximal esophagus: eosinophilic esophagitis

Refs:

Relationships between eosinophilic inflammation, tissue remodeling, and fibrosis in eosinophilic esophagitis.

Immunol Allergy Clin North Am 2009 Feb;29(1): p197-211, xiii-xiv

Aceves SS; Ackerman SJ

Esophageal dysmotility in patients who have eosinophilic esophagitis.

Gastrointest Endosc Clin N Am 2008 Jan;18(1): p73-89; ix

Nurko S; Rosen R

Mechanism of eosinophilic esophagitis.

Immunol Allergy Clin North Am 2009 Feb;29(1): p29-40, viii

Mishra A

Barrett's esophagus, reflux esophagitis, and eosinophilic esophagitis.

Gastrointest Endosc 2012 Sep;76(3): p496-500

Vleggaar FP; Siersema PD

Prevalence of esophageal eosinophilia varies by climate zone in the United States.

Am J Gastroenterol 2012 May;107(5): p698-706

Hurrell JM; Genta RM; Dellon ES

Eosinophilic esophagitis: trials and tribulations.

J Clin Gastroenterol 2011 Aug;45(7): p574-82

Allen KJ; Heine RG

Case #3

Duarte - Congenital hepatic fibrosis

Woodland Hills (So Calif Permanente Medical Group) - Centrilobular congestion/necrosis with bile duct proliferative changes?

Arkansas (The Lab of Pathology, P.A.) - Congenital hepatic fibrosis

Illinois, Oak Brook - Sepsis

Kansas (Peterson Laboratory Services, P.A.) - Congenital hepatic fibrosis

Louisiana, Shreveport - Congenital hepatic fibrosis

Maryland, Baltimore - Congenital hepatic fibrosis

Nebraska (Veterans Medical Center) - Congenital hepatic fibrosis

Ohio, Columbus - Liver, congenital hepatic fibrosis

Diagnosis:

Congenital hepatic fibrosis

Consultation: 1985, H.A. Edmondson (USC): "This an example of microcystic form of polycystic liver disease, also commonly called congenital hepatic fibrosis."

Refs:

CTTR, 2014-2015 "C" Subscription Tally

Autosomal recessive polycystic kidney disease and congenital hepatic fibrosis (ARPKD/CHF).
Pediatr Radiol 2009 Feb;39(2): p100-11
Turkbey B; Ocak I, et al.

Rapid evolution of congenital hepatic fibrosis after liver transplantation for acute liver failure: the potential role of extrahepatic factors.
Liver Transpl 2008 May;14(5): p660-4
Flores J; Arnon R, et al.

Recent progress in the etiopathogenesis of pediatric biliary disease, particularly Caroli's disease with congenital hepatic fibrosis and biliary atresia.
Histol Histopathol 2010 Feb;25(2): p223-35
Nakanuma Y; Harada K, et al.

Congenital hepatic fibrosis in 5 dogs.
Vet Pathol 2010 Jan;47(1): p102-7
Brown DL; Van Winkle T, et al.

Autosomal recessive polycystic kidney disease and congenital hepatic fibrosis: summary statement of a first National Institutes of Health/Office of Rare Diseases conference.
J Pediatr 2006 Aug;149(2): p159-64
Gunay-Aygun M; Avner ED, et al.

Congenital hepatic fibrosis: findings at MR cholangiopancreatography.
AJR Am J Roentgenol 1998 Feb;170(2): p409-12
Ernst O; Gottrand F, et al.

Case #4

Duarte - Hepatoblastoma
Woodland Hills (So Calif Permanente Medical Group) - Hepatoblastoma
Arkansas (The Lab of Pathology, P.A.) - Hepatoblastoma
Illinois, Oak Brook - Hepatoblastoma
Kansas (Peterson Laboratory Services, P.A.) - Hepatoblastoma
Louisiana, Shreveport - Hepatoblastoma
Maryland, Baltimore - Hepatoblastoma
Nebraska (Veterans Medical Center) - Hepatoblastoma
Ohio, Columbus - Liver, hepatoblastoma

Diagnosis:

Hepatoblastoma

Refs:

Teratoid hepatoblastoma with abundant neuroendocrine and squamous differentiation with extensive parenchymal metastasis.
Arch Pathol Lab Med 2012 Aug;136(8): p911-4
Rabah R

Prognostic stratification for children with hepatoblastoma: the SIOPEL experience.

Eur J Cancer 2012 Jul;48(10): p1543-9
Maibach R; Roebuck D, et al.

Complete surgical resection is curative for children with hepatoblastoma with pure fetal histology: a report from the Children's Oncology Group.
J Clin Oncol 2011 Aug 20;29(24): p3301-6
Malogolowkin MH; Katzenstein HM, et al.

Histologic subtypes of hepatoblastoma are characterized by differential canonical Wnt and Notch pathway activation in DLK+ precursors.
Hum Pathol 2009 Jun;40(6): p783-94
Lopez-Terrada D; Gunaratne PH, et al.

Hepatoblastoma: recent developments in research and treatment.
Semin Pediatr Surg 2012 Feb;21(1): p21-30
von Schweinitz D

Case #5

Duarte - Hepatocellular carcinoma
Woodland Hills (So Calif Permanente Medical Group) - Bile duct adenoma
Arkansas (The Lab of Pathology, P.A.) - Hepatocellular carcinoma
Illinois, Oak Brook - Hepatocellular carcinoma
Kansas (Peterson Laboratory Services, P.A.) - Hepatocellular carcinoma
Louisiana, Shreveport - Hepatocellular carcinoma
Maryland, Baltimore - Hepatocellular carcinoma
Nebraska (Veterans Medical Center) - Hepatocellular carcinoma
Ohio, Columbus - Liver, malignant neoplasm

Diagnosis:

Hepatocellular carcinoma

Refs:

Surveillance for hepatocellular carcinoma: long way to achieve effectiveness.
Dig Dis Sci 2012 Dec;57(12): p3050-1
El-Serag HB

Resection versus transplantation for early hepatocellular carcinoma: more art than science.
Ann Surg 2012 Dec;256(6): p892-3
Turcotte S; Dematteo RP

Hepatocellular adenoma as a risk factor for hepatocellular carcinoma in a non-cirrhotic liver: a plea against.
Gut 2012 Nov;61(11): p1645-6
Witjes CD; Ten Kate FJ, et al.

Clinicopathologic features and prognosis of young patients with hepatocellular carcinoma in a large German cohort.
J Clin Gastroenterol 2012 Oct;46(9): p775-8
Niederle IM; Worns MA, et al.

A comparative analysis of hepatocellular carcinoma after hepatic resection in young versus elderly patients.
J Gastrointest Surg 2012 Sep;16(9): p1736-43
Lee CR; Lim JH, et al.

Case #6

Duarte - Chronic cholecystitis with moderate dysplasia
Woodland Hills (So Calif Permanente Medical Group) - Papillary hyperplasia
Arkansas (The Lab of Pathology, P.A.) - High grade dysplasia
Illinois, Oak Brook - Mild to moderate dysplasia
Kansas (Peterson Laboratory Services, P.A.) - High grade dysplasia
Louisiana, Shreveport - High grade dysplasia
Maryland, Baltimore - Diffuse high grade dysplasia
Nebraska (Veterans Medical Center) - High grade dysplasia of gallbladder
Ohio, Columbus - Gallbladder, epithelial dysplasia

Diagnosis:

High grade dysplasia, gallbladder

Refs:

Are histological alterations observed in the gallbladder precancerous lesions?
Clinics (Sao Paulo 2010 Feb;65(2): p143-50
Meirelles-Costa AL; Bresciani CJ, et al.

Submitting the entire gallbladder in cases of dysplasia is not justified.
Am J Clin Pathol 2012 Sep;138(3): p374-6
Renshaw AA; Gould EW

Adenomas of the gallbladder. Morphologic features, expression of gastric and intestinal mucins, and incidence of high-grade dysplasia/carcinoma in situ and invasive carcinoma.
Hum Pathol 2012 Sep;43(9): p1506-13
Albores-Saavedra J; Chable-Montero F, et al.

Diffuse gallbladder wall thickening: differential diagnosis.
AJR Am J Roentgenol 2007 Feb;188(2): p495-501
van Breda Vriesman AC; Engelbrecht M, et al

Case #7

Duarte - Gallbladder with intramucosal carcinoma
Woodland Hills (So Calif Permanente Medical Group) - Invasive adenocarcinoma
Arkansas (The Lab of Pathology, P.A.) - Gallbladder adenocarcinoma
Illinois, Oak Brook - Adenocarcinoma in-situ
Kansas (Peterson Laboratory Services, P.A.) - Adenocarcinoma
Louisiana, Shreveport - Adenocarcinoma
Maryland, Baltimore - Focal invasive carcinoma in background of carcinoma in-situ
Nebraska (Veterans Medical Center) - Invasive adenocarcinoma of gallbladder
Ohio, Columbus - Gallbladder, adenocarcinoma

Diagnosis:

Adenocarcinoma, gallbladder

Refs:

EGFR expression in gallbladder carcinoma in North America.
Int J Med Sci 2008;5(5): p285-91
Kaufman M; Mehrotra B, et al.

Is there any justification for the routine histological examination of straightforward cholecystectomy specimens?
Darmas B; Mahmud S, et al.

Gallbladder cancers rarely overexpress HER-2/neu, demonstrated by Hercep test.
Oncol Rep 2004 Apr;11(4): p815-9
Matsuyama S; Kitajima Y, et al.

Cytokeratin 7 and 20 expression in gallbladder carcinoma.
Pol J Pathol 2011;62(1): p25-30
Kalekou H; Miliaras D

Adjuvant therapy for gallbladder carcinoma: the Mayo Clinic Experience.
Int J Radiat Oncol Biol Phys 2009 Sep 1;75(1): p150-5
Gold DG; Miller RC, et al.

Adenomas of the gallbladder. Morphologic features, expression of gastric and intestinal mucins, and incidence of high-grade dysplasia/carcinoma in situ and invasive carcinoma.
Hum Pathol 2012 Sep;43(9): p1506-13
Albores-Saavedra J; Chable-Montero F, et al.

Signet ring cell carcinoma of the gallbladder in a 22-year-old man: a case report and review of the literature.
Int J Surg Pathol 2010 Oct;18(5): p358-62
Czyszczon IA; Alatassi H

Case #8

Duarte - Serous microcystic adenoma of pancreas
Woodland Hills (So Calif Permanente Medical Group) - Serous cystadenoma
Arkansas (The Lab of Pathology, P.A.) - Microcystic adenoma
Illinois, Oak Brook - Microcystic adenoma
Kansas (Peterson Laboratory Services, P.A.) - Microcystic serous cystadenoma
Louisiana, Shreveport - Microcystic adenoma
Maryland, Baltimore - Serous cystadenoma (microcystic)
Nebraska (Veterans Medical Center) - Serous cystadenoma
Ohio, Columbus - Pancreas, microcystic adenoma

Diagnosis:

Pancreatic microcystic adenoma

Refs:

Carcinoma ex microcystic adenoma of the pancreas: a report of a novel form of malignancy in serous neoplasms.
Am J Surg Pathol 2012 Feb;36(2): p305-10
Zhu H; Qin L, et al.

Serous neoplasms of the pancreas constitute a continuous spectrum of morphological patterns rather than distinct clinico-pathological variants. A study of 40 cases.

Pol J Pathol 2011 Dec;62(4): p206-17

Pajak J; Liszka L, et al.

Macrocytic serous cystadenocarcinoma of the pancreas: the first report of a new pattern of pancreatic carcinoma.

J Clin Pathol 2008 Mar;61(3): p396-8

Gupta R; Dinda AK, et al.

Pancreatic serous microcystic adenoma with extensive oncocytic change.

Pathol Int 2009 Feb;59(2): p102-6

Akiyama T; Sadahira Y, et al.

Histopathology and molecular genetics of multiple cysts and microcystic (serous) adenomas of the pancreas in von Hippel-Lindau patients.

Am J Pathol 2000 Nov;157(5): p1615-21

Mohr VH; Vortmeyer AO, et al.

Case #9

Duarte - Solid pseudopapillary neoplasm of pancreas

Woodland Hills (So Calif Permanente Medical Group) - Solid pseudopapillary tumor

Arkansas (The Lab of Pathology, P.A.) - Solid pseudopapillary carcinoma

Illinois, Oak Brook - Solid pseudopapillary tumor

Kansas (Peterson Laboratory Services, P.A.) - Solid pseudopapillary tumor

Louisiana, Shreveport - Solid pseudopapillary carcinoma

Maryland, Baltimore - Solid pseudopapillary tumor

Nebraska (Veterans Medical Center) - Solid pseudopapillary neoplasm

Ohio, Columbus - Pancreas, solid pseudopapillary neoplasm

Diagnosis:

Solid pseudopapillary carcinoma, pancreas

Refs:

Solid-pseudopapillary tumors of the pancreas are genetically distinct from pancreatic ductal adenocarcinomas and almost always harbor beta-catenin mutations.

Am J Pathol 2002 Apr;160(4): p1361-9

Abraham SC; Klimstra DS, et al.

Solid pseudopapillary tumor of the pancreas: an enigmatic tumor.

Case Rep Gastroenterol 2008 Sep;2(3): p486-93

Triantopoulou C; Touloumis Z, et al.

Diagnosis and surgical treatment of solid pseudopapillary neoplasm of the pancreas: analysis of 24 cases.

Can J Surg 2011 Dec;54(6): p368-74

Guo N; Zhou QB, et al.

Acinar cell carcinoma versus solid pseudopapillary tumor of the pancreas in children: a comparison of two rare and overlapping entities with review of the literature.

Pediatr Dev Pathol 2008 Sep-Oct;11(5): p384-90

Tapia B; Ahrens W, et al.

Solid-pseudopapillary tumor of the pancreas: clinical features, pathological characteristics, and origin.

J Surg Oncol 2012 Nov;106(6): p728-35

Ye J; Ma M, et al.

Solid pseudopapillary neoplasm of the pancreas: a rare and atypically aggressive disease among male patients.

Am Surg 2010 Oct;76(10): p1075-8

Lin MY; Stabile BE

Solid pseudopapillary tumor of the pancreas: a review of salient clinical and pathologic features.

Adv Anat Pathol 2008 Jan;15(1): p39-45

Adams AL; Siegal GP; Jhala NC

Case #10

Duarte - Embryonal rhabdomyosarcoma, botryoid

Woodland Hills (So Calif Permanente Medical Group) - Rhabdomyosarcoma

Arkansas (The Lab of Pathology, P.A.) - Rhabdomyosarcoma

Illinois, Oak Brook - Embryonal rhabdomyosarcoma

Kansas (Peterson Laboratory Services, P.A.) - Rhabdomyosarcoma bile duct

Louisiana, Shreveport - Rhabdomyosarcoma

Maryland, Baltimore - Embryonal rhabdomyosarcoma

Nebraska (Veterans Medical Center) - Rhabdomyosarcoma

Ohio, Columbus - Common bile duct, rhabdomyosarcoma

Diagnosis:

Rhabdomyosarcoma, bile duct

Refs:

Long term survival in two children with rhabdomyosarcoma of the biliary tract.

Klin Padiatr 2008 Nov-Dec;220(6): p378-9

Huber J; Sovinz P, et al.

[Cholestasis caused by a choledochal botryoid rhabdomyosarcoma in a 22-month-old boy]

Ann Pathol 2008 Feb;28(1): p45-8

Sassi SH; Charfi L, et al.

Distinguishing undifferentiated embryonal sarcoma of the liver from biliary tract rhabdomyosarcoma: a Children's Oncology Group study.

Pediatr Dev Pathol 2007 Mar-Apr;10(2): p89-97

Nicol K; Savell V, et al.

When bile ducts say NO: the good, the bad, and the ugly.

Gastroenterology 2003 Mar;124(3): p847-51

Trauner M

October, 2014
“Pathology of Gynecologic Disorders”

Case #1

Woodland Hills (So. Calif Permanente Medical Group) - Steroid cell tumor
Arkansas (The Lab of Pathology, P.A.) - Leydig cell tumor
Illinois (Oak Brook) - Steroid cell tumor
Kansas (Peterson Laboratory Services, P.A.) - Steroid cell tumor, NOS
Louisiana, Shreveport - Steroid cell tumor
Maryland, Baltimore - Steroid cell tumor
Michigan (Oakwood Hospital) - Steroid cell tumor
Nebraska (Veterans Affairs Medical Center) - Steroid cell tumor
Ohio, Columbus - Ovary, steroid cell tumor

Diagnosis:

Steroid (“lipid”) cell tumor, ovary

Refs:

A steroid-cell tumor of the ovary resulting in massive androgen excess early in the gonadal steroidogenic pathway.

Gynecol Endocrinol 2008 Sep;24(9): p502-4

Stephens JW; Fielding A, et al.

Steroid cell tumour not otherwise specified during pregnancy: a case report and diagnostic work-up for virilisation in a pregnant patient.

Eur J Obstet Gynecol Reprod Biol 2004 Feb 10;112(2): p221-7

Vulink AJ; Vermes I, et al.

Androgen studies in a patient with lipid-cell tumor of the ovary.

Obstet & Gynecol 1969; 33: 666-672.

Osborn RH, Bradbury JT, Yannone ME.

Lipid cell tumors of the ovary.

Cancer 1967; 20: 1953-1972.

Taylor HB, Norris HJ.

Malignant lipid cell tumor of the ovary. Clinical histochemical and etiologic considerations.

J Clin Endocrin 1970;30: 336-344

Lipsetti MB, Kirschner MA, et al.

Case #2

Woodland Hills (So. Calif Permanente Medical Group) - Hepatoid carcinoma
Arkansas (The Lab of Pathology, P.A.) - Juvenile granulosa cell tumor
Illinois (Oak Brook) - Juvenile granulosa cell tumor
Kansas (Peterson Laboratory Services, P.A.) - Juvenile granulosa cell tumor
Louisiana, Shreveport - Juvenile granulosa cell tumor
Maryland, Baltimore - Juvenile granulosa cell tumor
Michigan (Oakwood Hospital) - Granulosa cell tumor
Nebraska (Veterans Affairs Medical Center) - Juvenile granulosa cell tumor

Ohio, Columbus - Ovary, right, juvenile granulosa tumor

Diagnosis:

Juvenile Granulosa Cell Tumor, ovary

Refs:

Testicular juvenile granulosa cell tumor: a case report.

Acta Cytol 2007 Jul-Aug;51(4): p634-6

Barroca H; Gil-da-Costa MJ; Mariz C

Juvenile granulosa cell tumor of the ovary in an elderly woman.

Acta Obstet Gynecol Scand 2005 Oct;84(10): p1020-1

Koyuncuoglu M; Sis B, et al.

Granulosa cell tumor of the ovary: cytologic findings.

Acta Cytol 2010 Jul-Aug;54(4): p551-9

Kavuri S; Kulkarni R; Reid-Nicholson M

Granulosa cell tumors of the ovary with a pseudopapillary pattern: a study of 14 cases of an unusual morphologic variant emphasizing their distinction from transitional cell neoplasms and other papillary ovarian tumors.

Am J Surg Pathol 2008 Apr;32(4): p581-6

Irving JA; Young RH

Juvenile granulosa cell tumor of the ovary presenting with pleural effusion and ascites.

Int J Clin Oncol 2009 Feb;14(1): p78-81

Kaur H; Bagga R, et al.

Case #3

Woodland Hills (So. Calif Permanente Medical Group) - Granulosa cell tumor

Arkansas (The Lab of Pathology, P.A.) - Granulosa cell tumor

Illinois (Oak Brook) - Adult granulosa cell tumor

Kansas (Peterson Laboratory Services, P.A.) - Adult granulosa cell tumor

Louisiana, Shreveport - Adult granulosa cell tumor

Maryland, Baltimore - Adult granulosa cell tumor

Michigan (Oakwood Hospital) - High grade serous carcinoma

Nebraska (Veterans Affairs Medical Center) - Adult granulosa cell tumor

Ohio, Columbus - Ovary, stromal tumor

Diagnosis:

Adult Granulosa Cell tumor, ovary

Refs:

Luteinized adult granulosa cell tumor--a series of 9 cases: revisiting a rare variant of adult granulosa cell tumor.

Int J Gynecol Pathol 2011 Sep;30(5): p452-9

Ganesan R; Hirschowitz L, et al.

Adult granulosa cell tumor of the ovary: fine-needle-aspiration cytology of 10 cases and review of literature.

Diagn Cytopathol 2008 May;36(5): p297-302

Ali S; Gattuso P, et al.

Adult granulosa cell tumor presenting as metastases to the pleural and peritoneal cavity.

Diagn Cytopathol 2012 Oct;40(10): p912-5

Gupta N; Rajwanshi A, et al.

Adult testicular granulosa cell tumor: a review of the literature for clinicopathologic predictors of malignancy.

Arch Pathol Lab Med 2011 Jan;135(1): p143-6

Hanson JA; Ambaye AB

Fine needle aspiration of metastatic adult granulosa cell tumor of the ovary: a case report.

Acta Cytol 2010 Sep-Oct;54(5 Suppl): p933-8

Balachandran I; Ju J, et al.

Case #4

Woodland Hills (So. Calif Permanente Medical Group) - Malignant Brenner tumor

Arkansas (The Lab of Pathology, P.A.) - Sertoli leydig cell tumor

Illinois (Oak Brook) - Endometroid carcinoma

Kansas (Peterson Laboratory Services, P.A.) - Sertoli leydig cell tumor

Louisiana, Shreveport - Sertoli-leydig cell tumor

Maryland, Baltimore - Sertoli-leydig tumor

Michigan (Oakwood Hospital) - Carcinoid tumor

Nebraska (Veterans Affairs Medical Center) - Sertoli-leydig cell tumor

Ohio, Columbus - Abdomen, malignant neoplasm

Diagnosis:

Sertoli-leydig cell tumor, ovary

Refs:

Sertoli Leydig cell ovarian tumour and gastric polyps as presenting features of Peutz-Jeghers syndrome.

Pediatr Blood Cancer 2010 Jul 15;55(1): p206-7

Howell L; Bader A, et al.

Leydig cell tumors in children: contrasting clinical, hormonal, anatomical, and molecular characteristics in boys and girls.

J Pediatr 2012 Dec;161(6): p1147-52

Olivier P; Simoneau-Roy J, et al.

A clinicopathological analysis of 40 cases of ovarian Sertoli-Leydig cell tumors.

Gynecol Oncol 2012 Nov;127(2): p384-9

Gui T; Cao D, et al.

Ovarian Sertoli-Leydig cell tumors. a retrospective MITO study.

Gynecol Oncol 2012 Jun;125(3): p673-6

Sigismondi C; Gadducci A, et al.

Case #5

Woodland Hills (So. Calif Permanente Medical Group) - Clear cell carcinoma

Arkansas (The Lab of Pathology, P.A.) - Clear cell adenocarcinoma

Illinois (Oak Brook) - Clear cell carcinoma

Kansas (Peterson Laboratory Services, P.A.) - Clear cell carcinoma, ovary

Louisiana, Shreveport - Clear cell carcinoma

Maryland, Baltimore - Clear cell carcinoma

Michigan (Oakwood Hospital) - Clear cell carcinoma

Nebraska (Veterans Affairs Medical Center) - Clear cell carcinoma

Ohio, Columbus - Abdomen, clear cell carcinoma

Diagnosis:

Clear cell carcinoma, ovary

Refs:

Cytogenetic alterations in ovarian clear cell carcinoma detected by comparative genomic hybridisation.

Br J Cancer 2003 May 19;88(10): p1578-83

Dent J; Hall GD, et al.

Ovarian clear cell adenocarcinoma: a continuing enigma.

J Clin Pathol 2007 Apr;60(4): p355-60

Tan DS; Kaye S

Clear cell carcinoma of the ovary mimicking struma ovarii and carcinoid tumor.

Ann Diagn Pathol 2011 Apr;15(2): p124-7

Alduaij A; Quddus MR

Hyalinized stroma in clear cell carcinoma of the ovary: how is it formed?

Hum Pathol 2012 Nov;43(11): p2041-6

Kato N; Takeda J, et al.

Clear cell carcinoma of the ovary: a review of the literature.

Gynecol Oncol 2012 Sep;126(3): p481-90

del Carmen MG; Birrer M; Schorge JO

Clear cell carcinoma of the ovary: a report from the first Ovarian Clear Cell Symposium, June 24th, 2010.

Gynecol Oncol 2011 May 1;121(2): p407-15

Anglesio MS; Carey MS, et al.

Ovarian clear cell carcinoma with papillary features: a potential mimic of serous tumor of low malignant potential.

Am J Surg Pathol 2008 Feb;32(2): p269-74

Sangoi AR; Soslow RA, et al.

Case #6

Woodland Hills (So. Calif Permanente Medical Group) - Metastatic gastric adenocarcinoma

Arkansas (The Lab of Pathology, P.A.) - Small cell carcinoma

Illinois (Oak Brook) - Sex cord cell tumor

Kansas (Peterson Laboratory Services, P.A.) - Dysgerminoma

Louisiana, Shreveport - Small cell carcinoma
Maryland, Baltimore - Small cell carcinoma
Michigan (Oakwood Hospital) - Sarcomatoid carcinoma
Nebraska (Veterans Affairs Medical Center) - Small cell carcinoma
Ohio, Columbus - Pelvis, carcinoma

Diagnosis:

Small cell carcinoma, ovary

Refs:

Small cell carcinoma of the ovary presenting in a urine cytology specimen: a case report.

Acta Cytol 2011;55(3): p291-5

Jazaerly T; Jaratli H, et al.

Ovarian small cell carcinoma of hypercalcaemic-type: history of the disease in a patient who refused treatment.

J Obstet Gynaecol 2011 May;31(4): p354-6

Benito Reyes V, et al.

Large cell variant ovarian small cell carcinoma: case report.

Ultrastruct Pathol 2008 Sep-Oct;32(5): p206-10

Donato G; Conforti F, et al.

Cytogenetic alterations in ovarian clear cell carcinoma detected by comparative genomic hybridisation.

Br J Cancer 2003 May 19;88(10): p1578-83

Dent J; Hall GD, et al.

Ovarian small cell carcinoma of the hypercalcaemic type in children and adolescents: a prognostically unfavorable but curable disease.

Cancer 2006 Nov 1;107(9): p2298-306

Distelmaier F; Calaminus G, et al.

Small cell of the ovary, hypercalcaemic type -- analysis of combined experience and recommendation for management. A GCIIG study.

Gynecol Oncol 2006 Feb;100(2): p233-8

Harrison ML; Hoskins P, et al.

Case #7

Woodland Hills (So. Calif Permanente Medical Group) - Leiomyoma with lipomatous degeneration

Arkansas (The Lab of Pathology, P.A.) - Lipoleiomyoma

Illinois (Oak Brook) - Leiomyoma

Kansas (Peterson Laboratory Services, P.A.) - Lipoleiomyoma

Louisiana, Shreveport - Lipoleiomyoma

Maryland, Baltimore - Lipoleiomyoma

Michigan (Oakwood Hospital) - Lipoleiomyoma

Nebraska (Veterans Affairs Medical Center) - Lipoleiomyoma

Ohio, Columbus - Uterus, lipoleiomyoma

Diagnosis:

Lipoleiomyoma, uterus

Refs:

Benign "metastasizing" lipoleiomyoma of the uterus.
Int J Gynecol Pathol 2003 Apr;22(2): p202-4
Fukunaga M

Uterine lipoleiomyomas: a clinicopathologic study of 50 cases.
Int J Gynecol Pathol 2006 Jul;25(3): p239-42
Wang X; Kumar D; Seidman JD

Uterine lipoleiomyoma: a histopathological review of 17 cases.
Pathol Int 2004 Oct;54(10): p751-8
Aung T; Goto M, et al.

Large lipoleiomyoma of the uterine body.
Ann Diagn Pathol 2012 Aug;16(4): p302-5
Terada T

Liposarcoma arising in uterine lipoleiomyoma: a report of 3 cases and review of the literature.
Am J Surg Pathol 2011 Feb;35(2): p221-7
McDonald AG; Dal Cin P, et al.

Case #8

Woodland Hills (So. Calif Permanente Medical Group) - Adenomatoid tumor
Arkansas (The Lab of Pathology, P.A.) - Adenomatoid tumor
Illinois (Oak Brook) - Adenomatoid tumor
Kansas (Peterson Laboratory Services, P.A.) - Adenomatoid tumor
Louisiana, Shreveport - Adenomatoid tumor
Maryland, Baltimore - Adenomatoid tumor
Michigan (Oakwood Hospital) - Adenomatoid tumor
Nebraska (Veterans Affairs Medical Center) - Adenomatoid tumor
Ohio, Columbus - Uterus, adenomatoid tumor

Diagnosis:

Adenomatoid tumor, uterus

Refs:

Leiomyo-adenomatoid tumor of the uterus: a distinct morphological entity?
Arch Gynecol Obstet 2010 Oct;282(4): p451-4
Amerigo J; Amerigo-Gongora M, et al.

Laparoscopically resected uterine adenomatoid tumor with coexisting endometriosis: case report.
J Minim Invasive Gynecol 2011 Mar-Apr;18(2): p257-61
Sakurai N; Yamamoto Y, et al.

Adenomatoid tumor of the testis with intratesticular growth: a case report and review of the literature.
Int J Surg Pathol 2011 Dec;19(6): p838-42
Alexiev BA; Xu LF, et al.

Multicentric adenomatoid tumors involving uterus, ovary, and appendix.
J Obstet Gynaecol Res 2003 Aug;29(4): p234-8

Hanada S; Okumura Y; Kaida K

Adenomatoid tumors of the female and male genital tracts express WT1.
Int J Gynecol Pathol 2004 Apr;23(2): p123-8
Schwartz EJ; Longacre TA

Case #9

Woodland Hills (So. Calif Permanente Medical Group) - Symplastic leiomyoma
Arkansas (The Lab of Pathology, P.A.) - Symplastic leiomyoma
Illinois (Oak Brook) - Simplastic leiomyoma
Kansas (Peterson Laboratory Services, P.A.) - Symplastic leiomyoma
Louisiana, Shreveport - Atypical leiomyoma
Maryland, Baltimore - Symplastic leiomyoma
Michigan (Oakwood Hospital) - Leiomyosarcoma
Nebraska (Veterans Affairs Medical Center) - Atypical (symplastic) leiomyoma
Ohio, Columbus - Uterus, symplastic leiomyoma

Diagnosis:

Symplastic (atypical) leiomyoma, uterus

Refs:

Myxoid symplastic leiomyoma of the uterus.
Pathology 2006 Jun;38(3): p275-7
Toon C; McGahan S, et al.

Pathologic quiz case: a 40-year-old woman with a large pelvic mass, ascites, massive right hydrothorax, and elevated CA 125. Uterine symplastic leiomyoma associated with pseudo-Meigs syndrome and elevated CA 125.
Arch Pathol Lab Med 2004 Aug;128(8): p933-4
Weinrach DM; Wang KL, et al.

Pathologic quiz case: a 69-year-old asymptomatic man with a scrotal mass. Atypical (symplastic or bizarre) leiomyoma of the scrotum.
Arch Pathol Lab Med 2004 Feb;128(2): p37-8
Fadare O; Wang S; Mariappan MR

Symplastic leiomyoma of uterus: a rare histological variant.
J Coll Physicians Surg Pak 2008 May;18(5): p308-9
Yasmeen F; Hafeez M, et al.

MIB-1 (Ki-67), estrogen receptor, progesterone receptor, and p53 expression in atypical cells in uterine symplastic leiomyomas.
Int J Gynecol Pathol 2010 Jan;29(1): p51-4
Sun X; Mittal K

Atypical leiomyomas of the uterus with long-term follow-up after myomectomy with immunohistochemical analysis for p16INK4A, p53, Ki-67, estrogen receptors, and progesterone receptors.
Int J Gynecol Pathol 2009 Nov;28(6): p529-34
Sung CO; Ahn G, et al.

Removal of a large bizarre uterine leiomyoma by operative hysteroscopy. Case report and review of the literature.
Clin Exp Obstet Gynecol 2012;39(1): p124-6
Gregoriou O; Grigoriadis C, et al.

Case #10

Woodland Hills (So. Calif Permanente Medical Group) - Complete hydatidiform mole
Arkansas (The Lab of Pathology, P.A.) - Complete mole
Illinois (Oak Brook) - Hydatiform mole
Kansas (Peterson Laboratory Services, P.A.) - Invasive complete mole
Louisiana, Shreveport - Hydatidiform mole, invasive
Maryland, Baltimore - Invasive hydatidiform mole
Michigan (Oakwood Hospital) - Complete hydatidiform mole
Nebraska (Veterans Affairs Medical Center) - Invasive hydatiform mole
Ohio, Columbus - Uterus, hydatidiform mole

Diagnosis:

Hydatidiform mole, invasive, uterus

Refs:

Cervical hydatidiform mole pregnancy after missed abortion presenting with severe vaginal bleeding: case report and review of the literature.
Eur J Obstet Gynecol Reprod Biol 2011 May;156(1): p9-11
Schwentner L; Schmitt W, et al.

What is the significance of a previous molar pregnancy?
Am J Emerg Med 2012 Jul;30(6): p1011.e1-3
Lutwak N; Dill C

Cytologic features of hydatidiform mole: a case report.
Acta Cytol 2009 Mar-Apr;53(2): p232-4
Lee H; Kim J; Lee KY
Hydatidiform moles: ancillary techniques to refine diagnosis.
Int J Gynecol Pathol 2011 Mar;30(2): p101-16
Ronnett BM; De Scipio C; Murphy KM

Complete hydatidiform mole with retained maternal chromosomes 6 and 11.
Am J Surg Pathol 2009 Sep;33(9): p1409-15
McConnell TG; Norris-Kirby A, et al.

November, 2014
“Cardiovascular Disorders”

Case #1

Fontana (Kaiser Permanente) - Dilated cardiomyopathy
Woodland Hills (So. Calif. Permanente Medical Group) - Hypertrophic cardiomyopathy with endocardial fibrosis, secondary to metabolic storage disease
Arkansas (The Lab of Pathology, P.A.) - Vacuolar myopathy
Illinois (Oak Brook) - Cardiac glycogenosis (pompe disease)
Kansas (Peterson Laboratory Services, P.A.) - LV noncompaction
Louisiana, Shreveport - Glycogenosis
Maryland, Baltimore - Endocardial fibrosis and hypertrophy (not enough information for diagnosis)
Maryland (Oakwood Hospital) - Glycogen storage disease
Michigan (Oakwood Hospital) - Glycogen storage disease
Nebraska (Veterans Affairs Medical Center) - Cardiac glycogenosis
Ohio, Columbus - Heart, glycogenosis
Texas, Victoria - Glycogenosis
Hong Kong (Hong Kong Baptist Hospital) - Congenital hypertrophic cardiomyopathy

Diagnosis:

Cardiac glycogenosis (pompe disease)

Refs:

Pompe disease diagnosis and management guideline.
Genet Med 2006 May;8(5): p267-88
Kishnani PS; Steiner RD, et al.

Glycogen storage disease type II: clinical overview.
Acta Myol 2007 Jul;26(1): p42-4
Di Rocco M; Buzzi D; Taro M

Use of cardiac magnetic resonance imaging to evaluate cardiac structure, function and fibrosis in children with infantile Pompe disease on enzyme replacement therapy.
Mol Genet Metab 2010 Dec;101(4): p332-7
Barker PC; Pasquali SK

Acute progression of neuromuscular findings in infantile Pompe disease.
Pediatr Neurol 2010 Jun;42(6): p455-8
Burrow TA; Bailey LA, et al.
Restoration of muscle functionality by genetic suppression of glycogen synthesis in a murine model of Pompe disease.
Hum Mol Genet 2010 Feb 15;19(4): p684-96
Douillard-Guilloux G; Raben N, et al.

Therapeutic approaches in glycogen storage disease type II/Pompe Disease.
Neurotherapeutics 2008 Oct;5(4): p569-78
Schoser B; Hill V; Raben N

Novel human pathological mutations. Gene symbol: GAA. Disease: glycogen storage disease 2.
Hum Genet 2010 Apr;127(4): p464
Lin HY; Wu JT, et al.

Case #2

Fontana (Kaiser Permanente) - Atrial myxoma
Woodland Hills (So. Calif. Permanente Medical Group) - Atrial myxoma
Arkansas (The Lab of Pathology, P.A.) - Cardiac myxoma
Illinois (Oak Brook) - Atrial myxoma
Kansas (Peterson Laboratory Services, P.A.) - Atrial myxoma
Louisiana, Shreveport - Atrial myxoma
Maryland, Baltimore - Myxoma
Maryland (Oakwood Hospital) - Cardiac myxoma
Michigan (Oakwood Hospital) - Cardiac myxoma
Nebraska (Veterans Affairs Medical Center) - Myxoma
Ohio, Columbus - Heart, left atrium, myxoma
Texas, Victoria - Myxoma
Hong Kong (Hong Kong Baptist Hospital) - Cardiac myxoma

Diagnosis:

Atrial myxoma

Refs:

Bouncing ball myxoma in the left atrial cavity.
Eur Heart J Cardiovasc Imaging 2012 May;13(5): p393
Ertas F; Kaya H, et al.

Giant left atrial myxoma everything is bigger in Texas.
Tex Heart Inst J 2012;39(2): p286-7
Parameswaran AC; Ott DA, et al.

Familial cardiac myxoma: Carney's complex.
Tex Heart Inst J 2003;30(1): p80-2
Mahilmaran A; Seshadri M, et al.

Left atrial myxoma with papillary fibroelastoma-like features.
Int J Clin Exp Pathol 2011 Mar;4(3): p307-11
Agaimy A; Strecker T

Atrial myxoma: an unusual cause of myocardial infarction.
Tex Heart Inst J 2005;32(3): p445-7
Demir M; Akpınar O; Acartürk E

Stroke from a large left atrial myxoma.
Open Cardiovasc Med J 2008;2:115-7
Hirose H; Youdelman BA; Entwistle JW

Case #3

Fontana (Kaiser Permanente) - Deep venous thrombosis
Woodland Hills (So. Calif. Permanente Medical Group) - Intimal sarcoma (with morphologic chondrosarcoma-like features)
Arkansas (The Lab of Pathology, P.A.) - Myxoma embolus
Illinois (Oak Brook) - Embolic myxoma
Kansas (Peterson Laboratory Services, P.A.) - Atrial myxoma embolus
Louisiana, Shreveport - Embolus
Maryland, Baltimore - Intimal sarcoma

Maryland (Oakwood Hospital) - Tumor thrombus from cardiac myxoma
Michigan (Oakwood Hospital) - Myxomatosis
Nebraska (Veterans Affairs Medical Center) - Fragment of myxoma
Ohio, Columbus - Artery, organizing thrombus with atypical cells
Texas, Victoria - Emboli, myxoma
Hong Kong (Hong Kong Baptist Hospital) - Embolized cardiac myxoma

Diagnosis:

Embolus of atrial myxoma to femoral and popliteal arteries

Refs:

Queer consequence of cough: atrial myxoma embolization with acute occlusion of the abdominal aorta.

Am J Emerg Med 2010 Feb;28(2): p261.e1-2

Lin YH; Chen SY, et al.

Right atrial myxoma presenting as syncope due to pulmonary embolism in a previously asymptomatic patient.

Int J Cardiol 2011 Apr 14;148(2): pe34-6

Gogas BD; Rallidis LS, et al.

A patient with pulmonary embolism and a mass in the left atrium.

Heart 2012 Aug;98(16): p1260

Nagele R; Bonetti PO; Mayer KA

Large right atrial myxoma containing gastric heterotopia presenting with dyspnea and bilateral leg edema due to pulmonary emboli and cardiovascular obstruction: the first known report of gastric heterotopia in the cardiovascular system.

Dig Dis Sci 2008 Feb;53(2): p405-9

Cappell MS; Lapin S; Rose M

Cutaneous emboli of atrial myxoma: unusual case report and review of the literature.

Am J Dermatopathol 2012 Jul;34(5): p544-8

Alonso de Celada RM; Maldonado Cid P, et al.

Left atrial myxoma embolus to the renal artery: should a nephrectomy be advised?

Ann Thorac Surg 2010 Jul;90(1): p289-92

Blackmon SH; Kassis ES, et al.

Fever of unknown origin from a left atrial myxoma: an immunologic basis and cytokine association.

South Med J 2011 May;104(5): p360-2

Lin JN; Lai CH, et al.

Case #4

Fontana (Kaiser Permanente) - Hypertrophic cardiomyopathy

Woodland Hills (So. Calif. Permanente Medical Group) - Cardiac fibroma

Arkansas (The Lab of Pathology, P.A.) - Fibroma

Illinois (Oak Brook) - Septal fibroma

Kansas (Peterson Laboratory Services, P.A.) - Inflammatory myofibroblastic tumor

Louisiana, Shreveport - Fibroma
Maryland, Baltimore - Fibroma
Maryland (Oakwood Hospital) - Fibroma
Michigan (Oakwood Hospital) - Cardiac fibroma
Nebraska (Veterans Affairs Medical Center) - Fibroma
Ohio, Columbus - Heart, fibroma with calcification
Texas, Victoria - Rhabdomyoma
Hong Kong (Hong Kong Baptist Hospital) - Rhabdomyoma

Diagnosis:

Intraseptal fibroma, heart

Refs:

A cardiac fibroma in a 7-year-old asymptomatic girl admitted for ECG anomalies.

J Cardiovasc Med (Hagerstown 2012 Jun;13(6): p406-9

Fazio G; Grassedonio E, et al.

Cardiac fibroma in an infant: complete resection after a Blalock-Taussig shunt as initial palliation.

Ann Thorac Surg 2010 Sep;90(3): p1011-4

Lee C; Kim SJ; Kim YM

Benign cardiac tumors and tumorlike conditions.

Ann Diagn Pathol 2010 Jun;14(3): p215-30

Jain D; Maleszewski JJ; Halushka MK

Adult cardiac fibroma.

J Am Coll Cardiol 2012 Feb 21;59(8): pe15

Albaghdadi MS; Popescu A, et al.

Cardiac fibroma in adults.

Cardiovasc Pathol 2011 Jul-Aug;20(4): pe146-52

Nwachukwu H; Li A, et al.

Case #5

Fontana (Kaiser Permanente) - Cardiac fibroma

Woodland Hills (So. Calif. Permanente Medical Group) - Myxoid leiomyosarcoma

Arkansas (The Lab of Pathology, P.A.) - Myxoid leiomyoma

Illinois (Oak Brook) - Myofibroblastic tumor

Kansas (Peterson Laboratory Services, P.A.) - Inflammatory myofibroblastic tumor

Louisiana, Shreveport - Inflammatory myofibroblastic tumor

Maryland, Baltimore - Inflammatory myofibroblastic tumor

Maryland (Oakwood Hospital) - Inflammatory myofibroblastic tumor

Michigan (Oakwood Hospital) - Inflammatory myofibroblastic tumor

Nebraska (Veterans Affairs Medical Center) - Inflammatory myofibroblastic tumor

Ohio, Columbus - Heart, right atrium, inflammatory myofibroblastic tumor

Texas, Victoria - Myxoma sarcoma

Hong Kong (Hong Kong Baptist Hospital) - Cardiac myxoma

Diagnosis:

Inflammatory myofibroblastic tumor, cardiac atrium

Refs:

Asymptomatic inflammatory myofibroblastic tumor of the heart: immunohistochemical profile, differential diagnosis, and review of the literature.

Cardiovasc Pathol 2009 May-Jun;18(3): p187-90

Pucci A; Valori A, et al.

Inflammatory pseudotumor (inflammatory myofibroblastic tumor) of the mitral valve of the heart.

Pathol Int 2010 Jul;60(7): p533-7

Obikane H; Ariizumi K, et al.

Successful orthotopic heart transplant in an infant with an inflammatory myofibroblastic tumor of the left ventricle.

J Heart Lung Transplant 2008 Jul;27(7): p792-6

Di Maria MV; Campbell DN, et al.

Inflammatory myofibroblastic tumor of the right ventricle causing tricuspid valve regurgitation.

Tex Heart Inst J 2009;36(2): p164-7

Anvari MS; Soleimani A, et al.

Inflammatory myofibroblastic tumor of the right ventricle causing tricuspid valve regurgitation.

Tex Heart Inst J 2009;36(2): p164-7

Anvari MS; Soleimani A, et al.

Case #6

Fontana (Kaiser Permanente) - Rhabdomyoma

Woodland Hills (So. Calif. Permanente Medical Group) - Cardiac rhabdomyoma

Arkansas (The Lab of Pathology, P.A.) - Rhabdomyoma

Illinois (Oak Brook) - Rhabdomyoma

Kansas (Peterson Laboratory Services, P.A.) - Rhabdomyoma

Louisiana, Shreveport - Rhabdomyoma

Maryland, Baltimore - Rhabdomyoma

Maryland (Oakwood Hospital) - Rhabdomyoma

Michigan (Oakwood Hospital) - Rhabdomyoma, associated with tuberous sclerosis

Nebraska (Veterans Affairs Medical Center) - Rhabdomyoma

Ohio, Columbus - Heart, left ventricle, rhabdomyoma

Texas, Victoria - Rhabdomyomatosis

Hong Kong (Hong Kong Baptist Hospital) - Rhabdomyomatosis

Diagnosis:

Rhabdomyoma, left ventricle

Refs:

Cardiac rhabdomyoma.

Cardiovasc Pathol 2009 Sep-Oct;18(5): p313-4

Amonkar GP; Kandalkar BM; Balasubramanian M

Primary cardiac tumors in children: a 16-year experience.

Rev Port Cardiol 2009 Mar;28(3): p279-88

Mariano A; Pita A, et al.

Cardiac rhabdomyomas in tuberous sclerosis complex show apoptosis regulation and mTOR pathway abnormalities.

Pediatr Dev Pathol 2009 Mar-Apr;12(2): p89-95

Kotulska K; Larysz-Brysz M, et al.

Spontaneous regression of huge cardiac rhabdomyoma in an infant.

Images Paediatr Cardiol 2000 Oct;2(4): p4-10

Batmaz G; Besikci R, et al.

Cardiac rhabdomyoma in an adult patient presenting with right ventricular outflow tract obstruction.

Int J Cardiol 2008 Nov 28;130(3): pe105-7

Aktoz M; Tatli E, et al.

Benign cardiac tumors and tumorlike conditions.

Ann Diagn Pathol 2010 Jun;14(3): p215-30

Jain D; Maleszewski JJ; Halushka MK

Case #7

Fontana (Kaiser Permanente) - Angiosarcoma

Woodland Hills (So. Calif. Permanente Medical Group) - Angiosarcoma

Arkansas (The Lab of Pathology, P.A.) - Angiosarcoma

Illinois (Oak Brook) - Angiosarcoma

Kansas (Peterson Laboratory Services, P.A.) - Angiosarcoma

Louisiana, Shreveport - Angiosarcoma

Maryland, Baltimore - Angiosarcoma

Maryland (Oakwood Hospital) - Angiosarcoma

Michigan (Oakwood Hospital) - Angiosarcoma

Nebraska (Veterans Affairs Medical Center) - Angiosarcoma

Ohio, Columbus - Heart, left atrium, angiosarcoma

Texas, Victoria - Angiosarcoma

Hong Kong (Hong Kong Baptist Hospital) - Angiosarcoma

Diagnosis:

Cardiac angiosarcoma

Refs:

Primary cardiac angiosarcoma: morphologically deceptive benign appearance and potential pitfalls in diagnosis.

Heart Lung Circ 2010 Aug;19(8): p473-5

Wong CW; El-Jack S, et al.

Cardiac angiosarcoma: a case report and review of the literature.

Cardiovasc Pathol 2010 May-Jun;19(3): pe69-74

Luk A; Nwachukwu H, et al.

Echocardiography in differential diagnosis of chest pain and elevated cardiac biomarkers: a case of cardiac angiosarcoma.

Eur J Echocardiogr 2011 May;12(5): p406-7

Duyuler S; Demirkan B, et al.

Hemorrhagic tamponade due to cardiac angiosarcoma.
South Med J 2010 Oct;103(10): p1055-7
Vautrin E; Barone-Rochette G, et al.

[Cardiac angiosarcoma in a pregnant women]
Kardiologiia (Russia 2012;52(6): p93-5
Valeeva RM; Gaisin IR, et al.

Case #8

Fontana (Kaiser Permanente) - Leiomyosarcoma
Woodland Hills (So. Calif. Permanente Medical Group) - Leiomyosarcoma
Arkansas (The Lab of Pathology, P.A.) - Leiomyosarcoma
Illinois (Oak Brook) - Leiomyosarcoma
Kansas (Peterson Laboratory Services, P.A.) - Leiomyosarcoma
Louisiana, Shreveport - Leiomyosarcoma
Maryland, Baltimore - Epithelial leiomyosarcoma
Maryland (Oakwood Hospital) - Leiomyosarcoma
Michigan (Oakwood Hospital) - Leiomyosarcoma
Nebraska (Veterans Affairs Medical Center) - Leiomyosarcoma
Ohio, Columbus - Heart, left atrium, left pulmonary vein, sarcoma
Texas, Victoria - Leiomyosarcoma
Hong Kong (Hong Kong Baptist Hospital) - Leiomyosarcoma

Diagnosis:

Pulmonary vein leiomyosarcoma

Refs:

Pulmonary vein leiomyosarcoma.
Intern Med J 2006 Dec;36(12): p793-4
Khemichian S; Bemanian S

Pulmonary vein sarcoma: a case report.
Chin Med J (Engl 2012 Mar;125(5): p954-6
Zhang WM; Xu Y, et al.

Primary leiomyosarcoma of the anterior mediastinum encasing the aortic arch,
left common carotid and left subclavian arteries.
Ann Thorac Cardiovasc Surg 2012;18(2): p140-3
Iwata T; Miura T, et al.

Intracardiac extension of metastatic pulmonary leiomyosarcoma.
Heart Lung Circ 2005 Jun;14(2): p121-2
Collins NJ; Barlow MA, et al.

Primary leiomyosarcoma of the inferior vena cava: report of a case diagnosed
by fine needle aspiration cytology and confirmed by histopathologic
examination.
Acta Cytol 2007 May-Jun;51(3): p477-9
Al-Rikabi A; Hussain AA, et al.

Primary pulmonary artery leiomyosarcoma.
Cardiovasc Pathol 2003 May-Jun;12(3): p166-9
Croitoru AG; Klein MJ, et al.

Case #9

Fontana (Kaiser Permanente) - Metastatic mesothelioma
Woodland Hills (So. Calif. Permanente Medical Group) - Mesothelioma
Arkansas (The Lab of Pathology, P.A.) - Mesothelioma
Illinois (Oak Brook) - Malignant mesothelioma
Kansas (Peterson Laboratory Services, P.A.) - Malignant mesothelioma
Louisiana, Shreveport - Mesothelioma
Maryland, Baltimore - Mesothelioma
Maryland (Oakwood Hospital) - Malignant mesothelioma
Michigan (Oakwood Hospital) - Mesothelioma
Nebraska (Veterans Affairs Medical Center) - Malignant mesothelioma
Ohio, Columbus - Heart, mesothelioma
Texas, Victoria - Malignant mesothelioma
Hong Kong (Hong Kong Baptist Hospital) - Malignant mesothelioma

Diagnosis:

Malignant mesothelioma, heart, abdomen and pleura

Refs:

Pathologic quiz case: a patient with Down syndrome presenting with "idiopathic" pericarditis. Primary pericardial malignant mesothelioma. Arch Pathol Lab Med 2004 Aug;128(8): p107-8
Sharaf El-Dean MZ, et al.

Canine cardiac mesothelioma with granular cell morphology. Vet Pathol 2006 May;43(3): p384-7
Brower A; Herold LV; Kirby BM
Primary malignant pericardial mesothelioma presenting as pericardial constriction. Ann Thorac Cardiovasc Surg 2008 Dec;14(6): p396-8
Kainuma S; Masai T, et al.

Post-irradiation pericardial malignant mesothelioma: an autopsy case and review of the literature. Cardiovasc Pathol 2010 Nov-Dec;19(6): p377-9
Bendek M; Ferenc M; Freudenberg N

Multicystic mesothelioma of the pericardium. Pathol Int 2011 May;61(5): p319-21
Morita S; Goto A, et al.

Primary malignant mesothelioma of the pericardium. Cardiovasc Pathol 2011 Mar-Apr;20(2): p107-9
Patel J; Sheppard MN

Primary pericardial mesothelioma. Lung Cancer 2008 May;60(2): p291-3
Santos C; Montesinos J, et al.

Case #10

Fontana (Kaiser Permanente) - Hemangioendothelioma

Woodland Hills (So. Calif. Permanente Medical Group) - Liposarcoma, high grade round cell features
Arkansas (The Lab of Pathology, P.A.) - Liposarcoma
Illinois (Oak Brook) - Myxoid liposarcoma
Kansas (Peterson Laboratory Services, P.A.) - Metastatic myxoid/Round cell liposarcoma
Louisiana, Shreveport - Myxoid liposarcoma
Maryland, Baltimore - Liposarcoma
Maryland (Oakwood Hospital) - Myxoid-round cell liposarcoma
Michigan (Oakwood Hospital) - Metastatic myxoid/round cell liposarcoma
Nebraska (Veterans Affairs Medical Center) - Round cell myxoid liposarcoma
Ohio, Columbus - Heart, liposarcoma consistent with metastasis
Texas, Victoria - Poorly differentiated liposarcoma
Hong Kong (Hong Kong Baptist Hospital) - Metastatic chordoma

Diagnosis:

Myxoid/round cell liposarcoma, pericardium

Refs:

Pathologic quiz case: a patient with Down syndrome presenting with "idiopathic" pericarditis. Primary pericardial malignant mesothelioma. Arch Pathol Lab Med 2004 Aug;128(8): p107-8
Sharaf El-Dean MZ, et al.

Canine cardiac mesothelioma with granular cell morphology. Vet Pathol 2006 May;43(3): p384-7
Brower A; Herold LV; Kirby BM

Primary malignant pericardial mesothelioma presenting as pericardial constriction. Ann Thorac Cardiovasc Surg 2008 Dec;14(6): p396-8
Kainuma S; Masai T, et al.

Post-irradiation pericardial malignant mesothelioma: an autopsy case and review of the literature. Cardiovasc Pathol 2010 Nov-Dec;19(6): p377-9
Bendek M; Ferenc M; Freudenberg N

Multicystic mesothelioma of the pericardium. Pathol Int 2011 May;61(5): p319-21
Morita S; Goto A, et al.

Primary malignant mesothelioma of the pericardium. Cardiovasc Pathol 2011 Mar-Apr;20(2): p107-9
Patel J; Sheppard MN

Primary pericardial mesothelioma. Lung Cancer 2008 May;60(2): p291-3
Santos C; Montesinos J, et al.

January, 2015
“Neural Disorders”

Case #1

Fontana (Kaiser Permanente) - Angiomyxoma
Woodland Hills (So. Calif. Permanente Medical Group) - Myxoma
Arkansas (The Laboratory of Pathology, P.A.) - Myxoid neurofibroma
Georgia, Atlanta - Neurofibroma
Illinois (Oak Brook) - Neurofibroma
Kansas (Peterson Laboratory Services) - Neurofibroma
Louisiana, Shreveport - Myxoid neurofibroma
Maryland, Baltimore - Plexiform neurofibroma
Maryland (Oakwood Hospital) - Myxoid neurofibroma (1); Myxoma (1)
Nebraska (Veterans Affairs Medical Center) - Myxoid neurofibroma
New Mexico, Albuquerque - Nerve sheath myxoma
Ohio, Columbus - Soft tissue, parapharyngeal region, myxoid neurofibroma
Texas, Victoria - Myxoid neurofibroma
Hong Kong (Hong Kong Baptist Hospital) - Neurofibroma
India, Kocki - Myxoid neurofibroma

Diagnosis:

Myxoid neurofibroma, parapharyngeal

Note: A major institution called it a myxoid liposarcoma. Once prominent soft tissue pathologist called it a myxofibrosarcoma, the CTTR felt that it was a myxoid neurofibroma, and John Goldblum, co-editor of Enzinger and Weiss’ “Soft Tissue Tumors” agreed. (drc)

Refs:

Myxoid neurofibroma: an unusual presentation.
Indian J Dermatol 2008 Jan;53(1): p35-6
Ponce-Oliviera RM; Tirado-Sanchez A, et al.

Mast cells and the neurofibroma microenvironment.
Blood 2010 Jul 15;116(2): p157-64
Staser K; Yang FC; Clapp DW

It takes two to tango: mast cell and Schwann cell interactions in neurofibromas.
J Clin Invest 2003 Dec;112(12): p1791-3
Viskochil DH

Cervical neurofibroma in a child without neurofibromatosis.
Pediatr Emerg Care 2010 Oct;26(10): p784-5
Alexiou GA; Panagopoulos D, et al.

Lipoblast-like signet-ring cells in neurofibroma: a potential diagnostic pitfall of malignancy.
Pathologica 2010 Jun;102(3): p108-11
Vecchio GM; Amico P, et al.

Balloon cell neurofibroma.
Pathology 2010;42(6): p601-3

Wilsher MJ

Lipomatous neurofibroma associated with segmental neurofibromatosis.
J Cutan Pathol 2010 Jun;37(6): p705-6
Canelas MM; Reis JP, et al.

Case #2

Fontana (Kaiser Permanente) - Schwannoma
Woodland Hills (So. Calif. Permanente Medical Group) - Ganglioneuroma
Arkansas (The Laboratory of Pathology, P.A.) - Ganglioneuroblastoma
Georgia, Atlanta - Neurofibroma
Illinois (Oak Brook) - Ganglioneuroma
Kansas (Peterson Laboratory Services) - Ganglioneuroblastoma
Louisiana, Shreveport - Ganglioneuroblastoma
Maryland, Baltimore - Ganglioneuroma
Maryland (Oakwood Hospital) - Ganglioneuroma (2)
Nebraska (Veterans Affairs Medical Center) - Ganglioneuroma
New Mexico, Albuquerque - Ganglioneuroblastoma
Ohio, Columbus - Soft tissue, paraspinal, ganglioneuroma
Texas, Victoria - Ganglioneuroma
Hong Kong (Hong Kong Baptist Hospital) - Ganglioglioma
India, Kocki - Ganglioneuroblastoma maturing into ganglioneuroma

Diagnosis:

Ganglioneuroblastoma maturing into ganglioneuroma, paraspinal

Refs:

Fine-needle aspiration of ganglioneuroma, maturing type (a.k.a., "borderline ganglioneuroblastoma") in the mediastinum of a young man: Case report and discussion of classification.

Diagn Cytopathol 2012 Oct;40(10): p906-11

Ponsford Tipps AM; Weidner N

Fine-needle aspiration of ganglioneuroma.

Diagn Cytopathol 2005 Jun;32(6): p363-6

Domanski HA

Mature neuroblastic tumors with spinal cord compression: report of five pediatric cases.

Childs Nerv Syst 2006 May;22(5): p500-5

Duhem-Tonnelle V; Vinchon M, et al.

Microsurgical excision of ganglioneuroma arising from the C8 nerve root within the neuroforamen.

Minim Invasive Neurosurg 2007 Dec;50(6): p350-4

Uchida K; Kobayashi S, et al.

Ganglioneuromatous polyposis associated with juvenile polyps and a tubular adenoma.

Dig Dis Sci 2005 Mar;50(3): p506-8

Rafiq S; Hameer H; Sitrin MD

Case #3

Fontana (Kaiser Permanente) - Merkel cell carcinoma
Woodland Hills (So. Calif. Permanente Medical Group) - Merkel cell carcinoma
Arkansas (The Laboratory of Pathology, P.A.) - Merkel cell carcinoma
Georgia, Atlanta - Merkel cell carcinoma
Illinois (Oak Brook) - Merkel cell tumor
Kansas (Peterson Laboratory Services) - Merkel cell carcinoma
Louisiana, Shreveport - Merkel cell carcinoma
Maryland, Baltimore - Merkel cell carcinoma
Maryland (Oakwood Hospital) - Merkel cell carcinoma (2)
Nebraska (Veterans Affairs Medical Center) - Merkel cell carcinoma
New Mexico, Albuquerque - Merkel cell tumor
Ohio, Columbus - Skin, undesignated site, Merkel cell carcinoma
Texas, Victoria - Undifferentiated malignant tumor
Hong Kong (Hong Kong Baptist Hospital) - Merkel cell carcinoma
India, Kocki - Merkel cell carcinoma of scalp and neck

Diagnosis:

Merkel cell carcinoma, scalp and cheek

Refs:

Merkel cell carcinoma: critical review with guidelines for multidisciplinary management.

Cancer 2007 Jul 1;110(1): p1-12

Bichakjian CK; Lowe L, et al.

Spontaneous regression of recurrent and metastatic Merkel cell carcinoma.

J Dermatol 2007 Nov;34(11): p773-7

Kubo H; Matsushita S, et al.

Merkel cell carcinoma: does tumor size or depth of invasion correlate with recurrence, metastasis, or patient survival?

Laryngoscope 2006 May;116(5): p791-5

Sandel HD; Day T, et al.

Recent advances in the biology of Merkel cell carcinoma.

Hum Pathol 2011 Aug;42(8): p1063-77

Kuwamoto S

Association of Merkel cell polyomavirus infection with clinicopathological differences in Merkel cell carcinoma.

Hum Pathol 2012 Dec;43(12): p2282-91

Higaki-Mori H; Kuwamoto S, et al.

The spectrum of Merkel cell polyomavirus expression in Merkel cell carcinoma, in a variety of cutaneous neoplasms, and in neuroendocrine carcinomas from different anatomical sites.

Hum Pathol 2012 Apr;43(4): p557-66

Ly TY; Walsh NM; Pasternak S

Case #4

Fontana (Kaiser Permanente) - Paraganglioma
Woodland Hills (So. Calif. Permanente Medical Group) - Paraganglioma
Arkansas (The Laboratory of Pathology, P.A.) - Paraganglioma
Georgia, Atlanta - Paraganglioma
Illinois (Oak Brook) - Chemodectoma
Kansas (Peterson Laboratory Services) - Paraganglioma
Louisiana, Shreveport - Paraganglioma
Maryland, Baltimore - Paraganglioma
Maryland (Oakwood Hospital) - Paraganglioma (2)
Nebraska (Veterans Affairs Medical Center) - Paraganglioma
New Mexico, Albuquerque - Paraganglioma
Ohio, Columbus - Soft tissue, right neck, paraganglioma
Texas, Victoria - Paraganglioma
Hong Kong (Hong Kong Baptist Hospital) - Paraganglioma
India, Kocki - Chemodectoma

Diagnosis:

Parasympathetic paraganglioma (“chemodectoma”), neck

Refs:

Carotid chemodectomas: long-term results of subadventitial resection with deliberate external carotid resection.
 Ann Vasc Surg 2009 Jan-Feb;23(1): p67-75
 Koskas F; Vignes S, et al.

[The importance of vascular surgery and path morphology in therapy of parasympathetic chemodectomas]
 Voen Med Zh (Russia 2011 May;332(5): p24-8
 Zelenov GG; Kolokol'chikova EG; Naumenko EV

[Histological variants of parasympathetic paragangliomas (chemodectomas) of the neck and morphological variants of their malignancy]
 Arkh Patol 2004 May-Jun;66(3): p8-12
 Skuba ND; Shchegolev AI, et al.

Retroperitoneal para-aortic paraganglioma.
 Int Surg 2005 Jul-Aug;90(3): p141-3
 Kshirsagar AY; Dombale VD, et al.

Case #5

Fontana (Kaiser Permanente) - Carotid body tumor
Woodland Hills (So. Calif. Permanente Medical Group) - Carotid body chemodectoma
Arkansas (The Laboratory of Pathology, P.A.) - Paraganglioma
Georgia, Atlanta - Paraganglioma
Illinois (Oak Brook) - Paraganglioma
Kansas (Peterson Laboratory Services) - Paraganglioma
Louisiana, Shreveport - Paraganglioma
Maryland, Baltimore - Carotid body paraganglioma
Maryland (Oakwood Hospital) - Paraganglioma (2)
Nebraska (Veterans Affairs Medical Center) - Paraganglioma (carotid body tumor)
New Mexico, Albuquerque - Carotid body tumor
Ohio, Columbus - Soft tissue, right neck, carotid body tumor
Texas, Victoria - Carotid body tumor

Hong Kong (Hong Kong Baptist Hospital) - Paraganglioma
India, Kocki - Carotid body tumor (paraganglioma)

Diagnosis:

Paraganglioma, “Carotid body tumor, neck

Refs:

Carotid body tumor: review of the literature and report of a case with a rare sensorineural symptomatology.

J Oral Maxillofac Surg 2007 Jul;65(7): p1388-93

Athanasiou A; Liappis CD, et al.

Bilateral carotid body tumor diagnosed on cytology.

Acta Cytol 2005 Nov-Dec;49(6): p690-2

Jayaram G; Kaliaperumal S; Kumar G

Bilateral carotid body paraganglioma.

Mayo Clin Proc 2004 May;79(5): p681

Choong NW; Miles JM

Clinical characteristics and remedies in 45 Iranians with carotid body tumors.

Acta Med Iran 2012;50(5): p339-43

Nazari I; Aarabi Moghaddam F, et al.

Paraganglioma: carotid body tumor.

Head Neck Pathol 2009 Dec;3(4): p303-6

Wieneke JA; Smith A

Carotid chemodectomas: long-term results of subadventitial resection with deliberate external carotid resection.

Ann Vasc Surg 2009 Jan-Feb;23(1): p67-75

Koskas F; Vignes S, et al.

Cytomorphologic spectrum in paraganglioma.

Acta Cytol 2008 Sep-Oct;52(5): p549-56

Varma K; Jain S; Mandal S

Case #6

Fontana (Kaiser Permanente) - Adrenal adenoma

Woodland Hills (So. Calif. Permanente Medical Group) - Pheochromocytoma

Arkansas (The Laboratory of Pathology, P.A.) - Paraganglioma

Georgia, Atlanta - Pheochromocytoma

Illinois (Oak Brook) - Malignant paraganglioma

Kansas (Peterson Laboratory Services) - Pheochromocytoma

Louisiana, Shreveport - Malignant paraganglioma

Maryland, Baltimore - Malignant pheochromocytoma

Maryland (Oakwood Hospital) - Malignant paraganglioma (2)

Nebraska (Veterans Affairs Medical Center) - Malignant paraganglioma

New Mexico, Albuquerque - Pheochromocytoma

Ohio, Columbus - Soft tissue, pelvis, malignant paraganglioma

Texas, Victoria - Malignant pheochromocytoma

Hong Kong (Hong Kong Baptist Hospital) - Metastatic paraganglioma

India, Kocki - Malignant paraganglioma of pelvis

Diagnosis:

Malignant paraganglioma, pelvis

Refs:

Malignant pheochromocytomas and paragangliomas: molecular signaling pathways and emerging therapies.

Horm Metab Res 2009 Sep;41(9): p680-6

Santarpia L; Habra MA; Jimenez C

Malignant paraganglioma of the mesentery: a case report and review of literature.

World J Surg Oncol 2012;10:46

Chetrit M; Dube P, et al.

Clinical risk factors for malignancy and overall survival in patients with pheochromocytomas and sympathetic paragangliomas: primary tumor size and primary tumor location as prognostic indicators.

J Clin Endocrinol Metab 2011 Mar;96(3): p717-25

Ayala-Ramirez M; Feng L, et al.

Retroperitoneal extra-adrenal paraganglioma: a rare but important diagnosis.

Ir J Med Sci 2009 Jun;178(2): p211-4

Ahmad S; Cathy D, et al.

Paraganglioma: not just an extra-adrenal pheochromocytoma.

Langenbecks Arch Surg 2012 Feb;397(2): p247-53

Laird AM; Gauger PG, et al.

Case #7

Fontana (Kaiser Permanente) - Giant cell glioblastoma

Woodland Hills (So. Calif. Permanente Medical Group) - Solitary fibrous tumor

Arkansas (The Laboratory of Pathology, P.A.) - Invasive meningioma

Georgia, Atlanta - Invasive meningioma, sarcomatous transformation

Illinois (Oak Brook) - Microcystic meningioma

Kansas (Peterson Laboratory Services) - Meningioma

Louisiana, Shreveport - Meningioma

Maryland, Baltimore - Malignant meningioma

Maryland (Oakwood Hospital) - Meningioma (2)

Nebraska (Veterans Affairs Medical Center) - Meningioma

New Mexico, Albuquerque - Meningioma

Ohio, Columbus - Bone, skull, meningioma

Texas, Victoria - Malignant paraganglioma met to bone

Hong Kong (Hong Kong Baptist Hospital) - Atypical meningioma

India, Kocki - Meningioma of skull

Diagnosis:

Meningioma (nos), skull

Refs:

Primary osteolytic intraosseous meningioma of the frontal bone.

Neurol Neurochir Pol 2010 Jul-Aug;44(4): p415-8

Yilmaz A; Musluman M; Aydin Y

Extra cranial invasive meningioma of fronto-temporo-parietal region of the skull vault.

BMJ Case Rep 2012;2012 p

Banker H; Shah D, et al.

Giant meningiomas of the posterior fossa.

J Neurosurg 2010 May;112(5): p905-6; discussion 906

Samii M; Gerganov VM

Foramen magnum meningiomas: experiences in 114 patients at a single institute over 15 years.

Surg Neurol 2009 Oct;72(4): p376-82; discussion 382

Wu Z; Hao S, et al.

Childhood and adolescent meningiomas: a report of 38 cases and review of literature.

Acta Neurochir (Wien 2009 Mar;151(3): p239-44; discussion 244

Menon G; Nair S, et al.

Case #8

Fontana (Kaiser Permanente) - Anaplastic oligodendroglioma

Woodland Hills (So. Calif. Permanente Medical Group) - Oligodendroglioma

Arkansas (The Laboratory of Pathology, P.A.) - Oligodendroglioma

Georgia, Atlanta - Ependymoma

Illinois (Oak Brook) - Ependymoma

Kansas (Peterson Laboratory Services) - Anaplastic ependymoma

Louisiana, Shreveport - Anaplastic ependymoma

Maryland, Baltimore - Rosette-forming glioneuronal tumor of the fourth ventricle

Maryland (Oakwood Hospital) - Ependymoma, possibly anaplastic (1); Ependymoma (1)

Nebraska (Veterans Affairs Medical Center) - Anaplastic ependymoma

New Mexico, Albuquerque - Ependymoma

Ohio, Columbus - Brain, region 4th ventricle, ependymoma

Texas, Victoria - Ependymoma

Hong Kong (Hong Kong Baptist Hospital) - Ependymoma

India, Kocki - Anaplastic ependymoma

Diagnosis:

Anaplastic ependymoma, 4th ventricle

Refs:

Anaplastic ependymoma simulating glioblastoma in the cerebrum of an adult.

Brain Tumor Pathol 2012 Jan;29(1): p31-6

Shintaku M; Hashimoto K

Pediatric anaplastic parenchymal ependymoma: case report.

Childs Nerv Syst 2011 Mar;27(3): p501-5

Kutlay M; Cetinkal A, et al.

Metastasizing anaplastic ependymoma in an adult. Chromosomal imbalances, metabolic and gene expression profiles.

Histopathology 2009 Mar;54(4): p500-4

Lopez-Gines C; Gil-Benso R, et al.

Isolated extracranial recurrence of anaplastic ependymoma.
Pediatr Blood Cancer 2011 Feb;56(2): p317-8
Chao MM; Packer RJ, et al.

A case of an anaplastic ependymoma with gliosarcomatous components.
Brain Tumor Pathol 2009;26(1): p11-7
Kano T; Ikota H, et al.

Giant cell ependymoma-report of three cases and review of the literature.
Int J Clin Exp Pathol 2012;5(5): p458-62
Li JY; Lopez JI, et al.

Case #9

Fontana (Kaiser Permanente) - Oligodendroglioma
Woodland Hills (So. Calif. Permanente Medical Group) - Anaplastic oligodendroglioma
Arkansas (The Laboratory of Pathology, P.A.) - Oligodendroglioma
Georgia, Atlanta - Oligodendroglioma
Illinois (Oak Brook) - Oligodendroglioma
Kansas (Peterson Laboratory Services) - Oligodendroglioma
Louisiana, Shreveport - Oligodendroglioma
Maryland, Baltimore - Oligodendroglioma
Maryland (Oakwood Hospital) - Oligodendroglioma (2)
Nebraska (Veterans Affairs Medical Center) - Oligodendroglioma
New Mexico, Albuquerque - Oligodendroglioma
Ohio, Columbus - Brian, right frontal lobe, oligodendroglioma
Texas, Victoria - Oligodendroglioma
Hong Kong (Hong Kong Baptist Hospital) - Oligodendroglioma
India, Kocki - Oligodendroglioma

Diagnosis:

Oligodendroglioma, brain

Refs:

Oligodendroglial tumors: diagnostic and molecular pathology.
Semin Diagn Pathol 2010 May;27(2): p136-45
Rodriguez FJ; Giannini C

Anaplastic oligodendroglioma involving the subcutaneous tissue of the scalp:
report of an exceptional case and review of the literature.
Am J Dermatopathol 2012 Apr;34(2): p214-9
McLemore MS; Bruner JM, et al.

Fine-needle aspiration cytology of metastatic oligodendroglioma: case report
and literature review.
Acta Cytol 2012;56(1): p97-103
Can B; Akpolat I, et al.

Sudden unexpected death from oligodendroglioma: a case report and review of
the literature.
Am J Forensic Med Pathol 2011 Dec;32(4): p336-40
Manousaki M; Papadaki H, et al.

Oligodendrogliomas in children.
J Neurooncol 2012 Jan;106(2): p377-82
Creach KM; Rubin JB, et al.

Clear cell ependymoma: a mimicker of oligodendroglioma--report of three cases.
Neuropathology 2008 Aug;28(4): p366-71
Jain D; Sharma MC; Arora R, et al.

Case #10

Fontana (Kaiser Permanente) - Subependymal giant cell astrocytoma
Woodland Hills (So. Calif. Permanente Medical Group) - Subependymal giant cell astrocytoma
Arkansas (The Laboratory of Pathology, P.A.) - Subependymal giant cell astrocytoma
Georgia, Atlanta - Subependymal giant cell astrocytoma
Illinois (Oak Brook) - Astrocytoma
Kansas (Peterson Laboratory Services) - Subependymal giant cell astrocytoma
Louisiana, Shreveport - Subependymal astrocytoma
Maryland, Baltimore - Subependymal giant cell astrocytoma
Maryland (Oakwood Hospital) - Subependymal giant cell astrocytoma (2)
Nebraska (Veterans Affairs Medical Center) - Subependymal giant cell astrocytoma
New Mexico, Albuquerque - Subependymal giant cell astrocytoma
Ohio, Columbus - Brain, region of ventricles, giant cell astrocytoma
Texas, Victoria - Benign giant cell astrocytoma (astrocytic hamartoma)
Hong Kong (Hong Kong Baptist Hospital) - Subependymal giant cell astrocytoma
India, Kocki - Astrocytoma

Diagnosis:

Subependymal giant cell astrocytoma

Refs:

Squash cytology of subependymal giant cell astrocytoma: report of four cases with brief review of literature.

Diagn Cytopathol 2012 Apr;40(4): p333-6
Jaiswal S; Vij M, et al.

Subependymal giant cell astrocytoma with oncocytic change.
Brain Tumor Pathol 2011 Feb;28(1): p53-7
Utsuki S; Oka H, et al.

Cytologic features of subependymal giant cell astrocytoma: a review of 7 cases.

Acta Cytol 2008 Jul-Aug;52(4): p445-50
Takei H; Florez L; Bhattacharjee MB

Subependymal giant cell astrocytoma (SEGA): Is it an astrocytoma?
Morphological, immunohistochemical and ultrastructural study.
Neuropathology 2009 Feb;29(1): p25-30
Buccoliero AM; Franchi, et al.

Solitary subependymal giant cell astrocytoma incidentally found at autopsy in an elderly woman without tuberous sclerosis complex.
Neuropathology 2009 Apr;29(2): p181-6
Takei H; Adesina AM; Powell SZ

February, 2015
“Disorders of Bone and Cartilage”

Case #1

Fontana (Kaiser Permanente) - Ameloblastoma
Woodland Hills (So. Calif Permanente Medical Group) - Adamantinoma
Arkansas (The Lab of Pathology, P.A.) - Ameloblastoma
Georgia, Atlanta - Ameloblastoma
Illinois (Oak Brook) - Ameloblastoma
Kansas (Peterson Laboratory Services) - Ameloblastoma
Louisiana, Shreveport - Ameloblastoma
Maryland, Baltimore - Ameloblastoma
Maryland (Oakwood Hospital) - Ameloblastoma (2)
Nebraska (Veterans Affairs Medical Center) - Ameloblastoma
New Mexico, Albuquerque - Ameloblastoma
Ohio, Columbus - Mandible, right, ameloblastoma
Texas, Victoria - Ameloblastoma
Hong Kong (Hong Kong Baptist Hospital) - Ameloblastoma
India, Kocki - Ameloblastoma

Diagnosis:

Ameloblastoma, mandible

Refs:

Ameloblastoma demographic, clinical and treatment study: analysis of 40 cases.

Braz J Otorhinolaryngol 2012 Jun;78(3): p38-41

Franca LJ; Curioni OA, et al.

Pulmonary metastasis in a 65-year-old man with mandibular ameloblastoma: a case report and review of the literature.

J Oral Maxillofac Surg 2012 May;70(5): p1109-13

Georgakas I; Lazaridou M, et al.

Difficulties in the diagnosis of plexiform ameloblastoma.

Oral Maxillofac Surg 2012 Mar;16(1): p115-8

Castro-Silva II; Israel MS, et al.

Ameloblastoma in children: should we be radical?

J Indian Soc Pedod Prev Dent 2011 Dec;29(6 Suppl 2): pS74-8

Sharma S; Goyal D, et al.

Ameloblastoma, solid/multicystic type.

Head Neck Pathol 2009 Dec;3(4): p307-9

Bachmann AM; Linfesty RL

Ameloblastoma of the mandible with pulmonary metastases 45 years after initial diagnosis.

Respirology 2009 Nov;14(8): p1208-11

Papaioannou M; Manika K, et al.

Fine needle aspiration findings in malignant ameloblastoma: a case report and differential diagnosis.

Diagn Cytopathol 2009 Aug;37(8): p586-91
Reid-Nicholson M; Teague D, et al.

Case #2

Fontana (Kaiser Permanente) - Fibrous dysplasia
Woodland Hills (So. Calif Permanente Medical Group) - Giant cell reparative granuloma
Arkansas (The Lab of Pathology, P.A.) - Aneurysmal bone cyst
Georgia, Atlanta - Peripheral ossifying fibroma
Illinois (Oak Brook) - Aneurysmal bone cyst
Kansas (Peterson Laboratory Services) - Aneurysmal bone cyst
Louisiana, Shreveport - Aneurysmal bone cyst
Maryland, Baltimore - Ameloblastoma
Maryland (Oakwood Hospital) - Ameloblastoma (2)
Nebraska (Veterans Affairs Medical Center) - Ameloblastoma
New Mexico, Albuquerque - Ameloblastoma
Ohio, Columbus - Mandible, right, ameloblastoma
Texas, Victoria - Ameloblastoma
Hong Kong (Hong Kong Baptist Hospital) - Ameloblastoma
India, Kocki - Ameloblastoma of mandible

Diagnosis:

Aneurysmal bone cyst with fibrous dysplasia, maxilla

Refs:

Expanded endonasal endoscopic approach for resection of a large skull base aneurysmal bone cyst in a pediatric patient with extensive cranial fibrous dysplasia.

Childs Nerv Syst 2011 Apr;27(4): p649-56
Salmasi V; Blitz AM, et al.

Fibrous dysplasia and aneurysmal bone cyst of the skull base presenting with blindness: a report of a rare locally aggressive example.

Head Neck Oncol 2011;3:15
Terkawi AS; Al-Qahtani KH, et al.

Aneurysmal bone cyst concomitant with fibrous dysplasia in the frontal bone. Neurosciences (Riyadh 2010 Oct;15(4): p280-3

Hadidy AM; Tamimi AF, et al.

Aneurysmal bone cyst within fibrous dysplasia causing labyrinthine fistula.

Otol Neurotol 2011 Feb;32(2): pe11
Blanchard M; Abergel A, et al.

Aneurysmal bone cysts of the jaws.

Int J Surg Pathol 2009 Aug;17(4): p311-22
Sun ZJ; Sun HL, et al.

Case #3

Fontana (Kaiser Permanente) - Aneurysmal bone cyst
Woodland Hills (So. Calif Permanente Medical Group) - Chondromyxoid fibroma
Arkansas (The Lab of Pathology, P.A.) - Chondromyxoid fibroma

Georgia, Atlanta - Chondromyxoid fibroma
Illinois (Oak Brook) - Chondromyxoid fibroma
Kansas (Peterson Laboratory Services) - Chondromyxoid fibroma
Louisiana, Shreveport - Chondromyxoid fibroma
Maryland, Baltimore - Myxoid fibroma
Maryland (Oakwood Hospital) - Chondromyxoid fibroma (2)
Nebraska (Veterans Affairs Medical Center) - Chondromyxoid fibroma
New Mexico, Albuquerque - Chondromyxoid fibroma
Ohio, Columbus - Tibia, left, chondromyxoid fibroma
Texas, Victoria - Chondromyxoid fibroma
Hong Kong (Hong Kong Baptist Hospital) - Chondromyxoid fibroma
India, Kocki - Chondromyxoid fibroma of tibia

Diagnosis:

Chondromyxoid fibroma, tibia

Refs:

Chondromyxoid fibroma of the foot and ankle: 40 years' Scottish bone tumour registry experience.

Int Orthop 2006 Jun;30(3): p205-9

Sharma H; Jane MJ; Reid R

Periosteal chondromyxoid fibroma: a case study using imprint cytology.

Diagn Cytopathol 2005 Dec;33(6): p402-6

Estrada-Villasenor E; Cedillo ED, et al.

Chondromyxoid fibromas: a study of 10 cases.

J Surg Oncol 2005 Jan 1;89(1): p28-31

Desai SS; Jambhekar NA, et al.

Chondromyxoid fibroma: a rare tumor with an unusual location.

Arch Orthop Trauma Surg 2008 Apr;128(4): p371-5

Fotiadis E; Akritopoulos P, et al.

Chondromyxoid fibroma of the mandible: a diagnostic pitfall on aspiration cytology of parotid.

Acta Cytol 2008 Sep-Oct;52(5): p636-8

Daneshbod Y; Khademi B

Subperiosteal chondromyxoid fibroma: a report of two cases.

Iowa Orthop J 2007;27:104-7

Takenaga RK; Frassica FJ; McCarthy EF

Case #4

Fontana (Kaiser Permanente) - Giant cell tumor of tendon sheath

Woodland Hills (So. Calif Permanente Medical Group) - Fibro-osseous pseudotumor

Arkansas (The Lab of Pathology, P.A.) - Fracture callus

Georgia, Atlanta - Fibro-osseous pseudotumor of digit

Illinois (Oak Brook) - Fibrosis reactive

Kansas (Peterson Laboratory Services) - Fibro-osseous pseudotumor of digits

Louisiana, Shreveport - Fibro-osseous tumor

Maryland, Baltimore - Myositis ossificans

Maryland (Oakwood Hospital) - Fasciitis ossificans (1); Fibro-osseous pseudotumor of the digit (1)

Nebraska (Veterans Affairs Medical Center) - Benign fibroblastic/myofibroblastic proliferation
New Mexico, Albuquerque - Angiosarcoma
Ohio, Columbus - Thumb, benign fibro-osseous proliferation
Texas, Victoria - Ossifying fibroma
Hong Kong (Hong Kong Baptist Hospital) - Myositis ossificans
India, Kocki - Fibro-osseous pseudotumor

Diagnosis:

Fibro-osseous pseudotumor of digits

Refs:

Fibro-osseous pseudotumor of the digits.
Cancer 1986 58:2103-2109.
Dupree WB, Enzinger FM

Oral calcifying fibrous pseudotumor: case analysis and review.
Head Neck Pathol 2008 Dec;2(4): p343-7
Bell DM; Dekmezian RH, et al.

Fibro-osseous pseudotumor of the thenar eminence: a rare aggressive but benign tumor.
Ann Plast Surg 2009 Mar;62(3): p326-8
Kaddoura I; Zaatari G

Fibro-osseous pseudotumor of the digits: a rare tumor in an unusual location.
J Hand Surg Am 2008 Feb;33(2): p273-6
Nalbantoglu U; Gereli A, et al.

Fibro-osseous pseudotumour of the metacarpal.
J Hand Surg Eur Vol 2011 Oct;36(8): p701-2
Anand M; Deshmukh SD, et al.
[Fibro-osseous pseudotumor of the hand in a 5-year old boy - a close relative to myositis ossificans]
Handchir Mikrochir Plast Chir 2012 Jun;44(3): p178-80
Seeger M; Schulte D; Winiker H

Fibro-osseous pseudotumour of the digit--amputation for a benign but aggressive lesion.
J Hand Surg Br 2005 Oct;30(5): p504-6
Coleman RA

Also nice writeup in WHO Classification of Tumors - Soft Tissue and Bone, edited by Fletcher, Unni, and Mertens pp 52-54, IARC Press, Lyon, France, 2002

Case #5

Fontana (Kaiser Permanente) - giant cell rich osteosarcoma
Woodland Hills (So. Calif Permanente Medical Group) - Giant cell tumor
Arkansas (The Lab of Pathology, P.A.) - Non-ossifying fibroma
Georgia, Atlanta - Giant cell tumor
Illinois (Oak Brook) - Non-ossifying fibroma
Kansas (Peterson Laboratory Services) - Non-ossifying fibroma

Louisiana, Shreveport - Non-ossifying fibroma
Maryland, Baltimore - Non-ossifying fibroma
Maryland (Oakwood Hospital) - Non-ossifying fibroma
Nebraska (Veterans Affairs Medical Center) - Giant cell tumor of bone
New Mexico, Albuquerque - Giant cell tumor
Ohio, Columbus - Bone, right distal femur, non-ossifying fibroma
Texas, Victoria - ABC
Hong Kong (Hong Kong Baptist Hospital) - Non-ossifying fibroma
India, Kocki - Non-ossifying fibroma of femur

Diagnosis:

Non-ossifying fibroma, femur

Refs:

Translocation (1; 4) (p31; q34) in nonossifying fibroma.
Cancer Genet Cytogenet 2003 Apr 15;142(2): p142-4
Nelson M; Perry D, et al.

PET/CT follow-up in nonossifying fibroma.
AJR Am J Roentgenol 2006 Sep;187(3): p830-2
Iagaru A; Henderson R

Case 110: Nonossifying fibroma.
Radiology 2007 Apr;243(1): p288-92
Hetts SW; Hilchey SD, et al.

Atypical presentation of non-ossifying fibroma.
Mymensingh Med J 2010 Jul;19(3): p434-7
Datta NK; Das KP; Ahamed SU

Non-ossifying fibroma (metaphyseal fibrous defect) of the mandible.
Oral Maxillofac Surg 2011 Dec;15(4): p233-7
Chrcanovic BR; Albanese AL, et al.

Fibrous cortical defect (nonossifying fibroma) of the mandibular ramus:
report of 2 cases.
Oral Surg Oral Med Oral Pathol Oral Radiol Endod 2010 Oct;110(4): p504-8
Abdelsayed RA; Sharma S; Ferguson H

Case #6

Fontana (Kaiser Permanente) - Osteoid osteoma
Woodland Hills (So. Calif Permanente Medical Group) - Osteoma
Arkansas (The Lab of Pathology, P.A.) - Osteoma
Georgia, Atlanta - Osteoma
Illinois (Oak Brook) - Osteoma
Kansas (Peterson Laboratory Services) - Osteoid osteoma
Louisiana, Shreveport - Osteoma
Maryland, Baltimore - Osteoma
Maryland (Oakwood Hospital) - Osteoma (2)
Nebraska (Veterans Affairs Medical Center) - Osteoma
New Mexico, Albuquerque - Osteoma
Ohio, Columbus - Bone, skull, osteoma
Texas, Victoria - Osteoma

Hong Kong (Hong Kong Baptist Hospital) - Osteoma
India, Kocki - Osteoma of skull

Diagnosis:

Osteoma, skull

Refs:

Osteoma of the skull base and sinuses.
Otolaryngol Clin North Am 2011 Aug;44(4): p875-90, vii
Georgalas C; Goudakos J; Fokkens WJ

Middle turbinate osteoma extending into anterior cranial fossa.
Auris Nasus Larynx 2009 Dec;36(6): p702-4
Kutluhan A; Salviz M, et al.

A case of mushroom shape temporal bone osteoma.
Tokai J Exp Clin Med 2009 Sep;34(3): p87-91
Akamatsu T; Tanaka R; Fukui T, et al.
Review of 43 osteomas of the craniomaxillofacial region.
J Oral Maxillofac Surg 2012 May;70(5): p1093-5
Boffano P; Roccia F, et al.

Mastoid osteomas: report of two cases.
Otol Neurotol 2004 Mar;25(2): p95-7
Gungor A; Cincik H, et al.

Case #7

Fontana (Kaiser Permanente) - Osteosarcoma
Woodland Hills (So. Calif Permanente Medical Group) - Osteosarcoma, fibroblastic type
Arkansas (The Lab of Pathology, P.A.) - Osteosarcoma
Georgia, Atlanta - Osteosarcoma
Illinois (Oak Brook) - Osteosarcoma
Kansas (Peterson Laboratory Services) - Osteoblastic osteosarcoma
Louisiana, Shreveport - Osteosarcoma
Maryland, Baltimore - Osteosarcoma
Maryland (Oakwood Hospital) - Osteosarcoma (2)
Nebraska (Veterans Affairs Medical Center) - Osteosarcoma
New Mexico, Albuquerque - Osteosarcoma
Ohio, Columbus - Bone, right third toe, osteosarcoma
Texas, Victoria - Osteosarcoma, conventional
Hong Kong (Hong Kong Baptist Hospital) - Osteosarcoma
India, Kocki - Osteosarcoma, osteoblastic type of toe

Diagnosis:

Conventional osteosarcoma, osteoblastic type, toe

Refs:

Periosteal osteosarcoma of the fifth metatarsal: a rare pedal tumor.
J Foot Ankle Surg 2011 Sep-Oct;50(5): p620-2
Mohammadi A; Porghasem J, et al.

Osteosarcoma of navicular bone. En bloc excision and salvage of the foot.
Foot Ankle Surg 2012 Sep;18(3): pe29-33

Sakellariou VI; Mavrogenis AF, et al.

Periosteal osteosarcoma of the calcaneum: a case report.

Foot Ankle Spec 2012 Apr;5(2): p121-3

Singh D; Sen R, et al.

Low-grade central osteosarcoma of the foot and ankle: radiographic and pathologic features in two patients: case report and literature review.

Foot Ankle Int 2005 Jun;26(6): p494-500

Bugnone AN; Temple HT; Pitcher JD

Low-grade central osteosarcoma of the foot and ankle: radiographic and pathologic features in two patients: case report and literature review.

Foot Ankle Int 2005 Jun;26(6): p494-500

Bugnone AN; Temple HT; Pitcher JD

Extraskeletal osteosarcoma: an unusual presentation as tarsal tunnel syndrome.

Foot Ankle Int 1995 Dec;16(12): p796-9

Jaffe KA; Wade JD, et al.

Case #8

Fontana (Kaiser Permanente) - Chondrosarcoma

Woodland Hills (So. Calif Permanente Medical Group) - Myofibroma

Arkansas (The Lab of Pathology, P.A.) - Chondroma

Georgia, Atlanta - Soft tissue chondroma

Illinois (Oak Brook) - Chondrosarcoma

Kansas (Peterson Laboratory Services) - Chondroma of soft parts

Louisiana, Shreveport - Chondroma

Maryland, Baltimore - Soft tissue chondroma

Maryland (Oakwood Hospital) - Extraskeletal chondroma (1); Low grade chondrosarcoma (1)

Nebraska (Veterans Affairs Medical Center) - Chondrosarcoma

New Mexico, Albuquerque - Chondromatosis

Ohio, Columbus - Arm, distal, fibrocartilaginous proliferation

Texas, Victoria - Ossifying chondroma

Hong Kong (Hong Kong Baptist Hospital) - Chondroma

India, Kocki - Chondroma of soft parts of arm

Diagnosis:

Chondroma of soft parts, arm

Refs:

Extraosseous chondroma presenting as a midline neck mass in a child.

Pediatr Surg Int 1996 Dec;11(1): p54-5

Divino CM; Dolgin SE, et al.

Childhood soft tissue chondroma. Two cases report.

Tunis Med 2011 Apr;89(4): p379-82

Smida M; Abdenaji W, et al.

Subungual extraosseous chondroma in a finger.

Am J Orthop (Belle Mead NJ 2008 Nov;37(11): pE187-90

Rottgers SA; Rao G; Wollstein R

Tenosynovial (extraarticular) chondromatosis: an analysis of 37 cases of an underrecognized clinicopathologic entity with a strong predilection for the hands and feet and a high local recurrence rate.

Am J Surg Pathol 2003 Sep;27(9): p1260-8

Fetsch JF; Vinh TN, et al.

Imaging and pathological correlation of soft-tissue chondroma: a serial five-case study and literature review.

Clin Imaging 2006 Jan-Feb;30(1): p32-6

Hondar Wu HT; Chen W, et al.

A case of congenital soft tissue chondroma.

J Dermatol 2005 Mar;32(3): p214-6

Ryu JH; Park EJ, et al.

Extraskkeletal chondroma of the foot.

Joint Bone Spine 2007 May;74(3): p285-8

Papagelopoulos PJ; Savvidou OD, et al.

Case #9

Fontana (Kaiser Permanente) - Angiofibroma

Woodland Hills (So. Calif Permanente Medical Group) - Mesenchymal chondrosarcoma

Arkansas (The Lab of Pathology, P.A.) - Mesenchymoma

Georgia, Atlanta - Nasal chondromesenchymal hamartoma

Illinois (Oak Brook) - Osteochondroma

Kansas (Peterson Laboratory Services) - Fibrocartilagenous dysplasia

Louisiana, Shreveport - Mesenchymoma

Maryland, Baltimore - Chondroblastic osteosarcoma

Maryland (Oakwood Hospital) - Fibrocartilagenous mesenchymoma (1); Favor chondroblastic osteosarcoma (1)

Nebraska (Veterans Affairs Medical Center) - Mesenchymal chondrosarcoma

New Mexico, Albuquerque - Mesenchymal chondrosarcoma

Ohio, Columbus - Nasal cavity, mesenchymal chondrosarcoma

Texas, Victoria - Chondrosarcoma

Hong Kong (Hong Kong Baptist Hospital) - Chondromesenchymal hamartoma

India, Kocki - Fibrocartilagenous mesenchymoma of bone

Diagnosis:

Fibrocartilagenous mesenchymoma of bone, nasal cavity

Refs:

Fibrocartilagenous mesenchymoma of bone.

Am J Surg Pathol 17(8): 830-836, 1993.

Bulychova IV, et al.

Fibrous dysplasia with cartilaginous differentiation ("fibrocartilagenous dysplasia"): a review, with an illustrative case followed for 18 years.

Skeletal Radiol 2004 Jan;33(1): p51-62

Kyriakos M; McDonald DJ; Sundaram M

Fibrocartilagenous mesenchymoma, a unique osseous lesion: case report with review of the literature.

Skeletal Radiol 2011 Nov;40(11): p1495-9
Lin J; Shulman SC, et al.

Fibrocartilaginous mesenchymoma of the spine in a child: a case report.
Childs Nerv Syst 2010 Mar;26(3): p385-9
Martinez-Lage JF; Alarcon F, et al.

Case #10

Fontana (Kaiser Permanente) - Chondroblastoma
Woodland Hills (So. Calif Permanente Medical Group) - Extraskelatal myxoid chondrosarcoma
Arkansas (The Lab of Pathology, P.A.) - Chondrosarcoma
Georgia, Atlanta - Extraskelatal myxoid chondrosarcoma
Illinois (Oak Brook) - Chondrosarcoma
Kansas (Peterson Laboratory Services) - Extraskelatal myxoid chondrosarcoma
Louisiana, Shreveport - Myxoid chondrosarcoma
Maryland, Baltimore - Extraskelatal myxoid chondrosarcoma
Maryland (Oakwood Hospital) - Extraskelatal myxoid chondrosarcoma (1); Myxoid chondrosarcoma (1)
Nebraska (Veterans Affairs Medical Center) - Extraskelatal chondrosarcoma
New Mexico, Albuquerque - Myxoid chondrosarcoma
Ohio, Columbus - Soft tissue, thigh/hip, myxoid chondrosarcoma
Texas, Victoria - Chondrosarcoma
Hong Kong (Hong Kong Baptist Hospital) - Chondroblastoma-like chondroma of soft tissue
India, Kocki - Extraskelatal myxoid chondrosarcoma of thigh

Diagnosis:

Extraskelatal myxoid chondrosarcoma, thigh

Refs:

Extraskelatal myxoid chondrosarcoma: Diagnosis of a rare soft tissue tumor based on fine needle aspiration cytology.

J Cytol 2009 Jan;26(1): p36-8

Ananthamurthy A; Nisheena R, et al.

Studies on the molecular pathogenesis of extraskelatal myxoid chondrosarcoma-cytogenetic, molecular genetic, and cDNA microarray analyses.

Am J Pathol 2003 Mar;162(3): p781-92

Sjogren H; Meis-Kindblom JM, et al.

Extraskelatal myxoid chondrosarcoma: a retrospective review from 2 referral centers emphasizing long-term outcomes with surgery and chemotherapy.

Cancer 2008 Dec 15;113(12): p3364-71

Drilon AD; Popat S, et al.

Extraskelatal myxoid chondrosarcoma: a review of 23 patients treated at a single referral center with long-term follow-up.

Arch Orthop Trauma Surg 2012 Oct;132(10): p1379-86

Ogura K; Fujiwara T, et al.

Cytologic features and differential diagnosis in a case of extraskelatal mesenchymal chondrosarcoma: a case report.

Acta Cytol 2009 Nov-Dec;53(6): p704-6

Handa U; Singhal N, et al.

Spectrum of cytomorphological features, including literature review, of an extraskeletal myxoid chondrosarcoma with t(9; 22)(q22; q12) (TEC/EWS) results in one case.

Diagn Cytopathol 2008 Dec;36(12): p868-75

Kumar R; Rekhi B, et al.

Fine-needle aspiration cytology of extraskeletal myxoid chondrosarcoma: a case report.

Diagn Cytopathol 2010 Apr;38(4): p283-6

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March, 2015 **“Tumors of the Head and Neck”**

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Ellis GL & Auclair PL. Tumor of the Salivary Glands AFIP Atlas of Tumor Pathology Series 4.Fascicle 9. AFP Press Silver Spring, Maryland 2008

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Case #1

Fontana (Kaiser Permanente) - Polymorphous low grade adenocarcinoma

Woodland Hills (So. Calif Permanente Medical Group) - Pleomorphic adenoma

Arkansas (The Lab of Pathology, P.A.) - Pleomorphic adenoma

Georgia, Atlanta - Cellular pleomorphic adenoma

Illinois, Oak Brook - Pleomorphic adenoma

Kansas (Peterson Laboratory Services) - Pleomorphic adenoma

Louisiana, Shreveport - Pleomorphic adenoma

Maryland (Oakwood Hospital) - Pleomorphic adenoma (2)

Nebraska (Veterans Affairs Medical Center) - Pleomorphic adenoma

New Mexico (Albuquerque) - Pleomorphic adenoma

Ohio, Columbus - Palate, mixed tumor

Texas, Victoria - Mucoepidermoid carcinoma

Hong Kong (Hong Kong Baptist Hospital) - Pleomorphic adenoma

India, Kocki - Pleomorphic adenoma

Diagnosis:

Pleomorphic adenoma (cellular)

Case #2

Fontana (Kaiser Permanente) - Warthin tumor

Woodland Hills (So. Calif Permanente Medical Group) - Warthin tumor

Arkansas (The Lab of Pathology, P.A.) - Warthin tumor

Georgia, Atlanta - Warthin tumor

Illinois, Oak Brook - Warthin tumor

Kansas (Peterson Laboratory Services) - Warthin tumor

Louisiana, Shreveport - Warthin tumor

Maryland (Oakwood Hospital) - Warthin tumor (2)

Nebraska (Veterans Affairs Medical Center) - Warthin tumor

New Mexico (Albuquerque) - Warthin tumor

Ohio, Columbus - Parotid gland, right, Warthin tumor

Texas, Victoria - Warthin tumor

Hong Kong (Hong Kong Baptist Hospital) - Warthin tumor

India, Kocki - Warthin tumor

Diagnosis:

Warthin tumor; with mucocytes

Case #3

Woodland Hills (So. Calif Permanente Medical Group) - Basal cell adenoma

Arkansas (The Lab of Pathology, P.A.) - Basal cell adenoma

Georgia, Atlanta - Basal cell adenoma

Illinois, Oak Brook - Basal cell adenoma

Kansas (Peterson Laboratory Services) - Myoepithelioma (1); Basal cell adenoma (1)

Louisiana, Shreveport - Basal cell adenoma

Maryland (Oakwood Hospital) - Cellular pleomorphic adenoma vs. basal cell adenoma with prominent myoepithelial cells (1); Basal cell adenoma (1)

Nebraska (Veterans Affairs Medical Center) - Basal cell adenoma

New Mexico (Albuquerque) - Basal cell adenoma

Ohio, Columbus - Parotid gland, left pleomorphic adenoma

Texas, Victoria - Myoepithelial tumor

Hong Kong (Hong Kong Baptist Hospital) - Monomorphic adenoma

India, Kocki - Basal cell adenoma

Diagnosis:

Basal cell adenoma with myoepithelium – derived stroma

Case #4

Fontana (Kaiser Permanente) - Mucoepidermoid carcinoma

Woodland Hills (So. Calif Permanente Medical Group) - Mucoepidermoid carcinoma

Arkansas (The Lab of Pathology, P.A.) - Mucoepidermoid carcinoma

Georgia, Atlanta - Mucoepidermoid carcinoma

Illinois, Oak Brook - Mucoepidermoid carcinoma

Kansas (Peterson Laboratory Services) - Low grade mucoepidermoid carcinoma

Louisiana, Shreveport - Low grade mucoepidermoid carcinoma

Maryland (Oakwood Hospital) - Low grade mucoepidermoid carcinoma (2)
Nebraska (Veterans Affairs Medical Center) - Mucoepidermoid carcinoma
New Mexico (Albuquerque) - Mucoepidermoid carcinoma
Ohio, Columbus - Submental region, mucoepidermoid carcinoma
Texas, Victoria - Mucoepidermoid carcinoma, low grade
Hong Kong (Hong Kong Baptist Hospital) - Mucoepidermoid carcinoma, low grade
India, Kocki - Mucoepidermoid carcinoma, low grade

Diagnosis:

Low-grade mucoepidermoid carcinoma

Case #5

Fontana (Kaiser Permanente) - Myoepithelioma
Woodland Hills (So. Calif Permanente Medical Group) - Acinic cell carcinoma
Arkansas (The Lab of Pathology, P.A.) - Acinic cell carcinoma
Georgia, Atlanta - Acinic cell carcinoma
Illinois, Oak Brook - Acinic cell carcinoma
Kansas (Peterson Laboratory Services) - Epithelial myoepithelial carcinoma
Louisiana, Shreveport - Acinic cell carcinoma
Maryland (Oakwood Hospital) - Acinic cell carcinoma (2)
Nebraska (Veterans Affairs Medical Center) - Acinic cell carcinoma
New Mexico (Albuquerque) - Acinic cell carcinoma
Ohio, Columbus - Submandibular gland, right, acinic cell carcinoma
Texas, Victoria - Rule out myoepithelial carcinoma
Hong Kong (Hong Kong Baptist Hospital) - Acinic cell carcinoma
India, Kocki - Acinic cell carcinoma

Diagnosis:

Acinic cell carcinoma

Case #6

Fontana (Kaiser Permanente) - Neuroblastoma
Woodland Hills (So. Calif Permanente Medical Group) - Sinonasal adenocarcinoma
Arkansas (The Lab of Pathology, P.A.) - Adenocarcinoma
Georgia, Atlanta - Intestinal type adenocarcinoma
Illinois, Oak Brook - Adenocarcinoma
Kansas (Peterson Laboratory Services) - Low grade sinonasal adenocarcinoma
Louisiana, Shreveport - Adenocarcinoma
Maryland (Oakwood Hospital) - Adenocarcinoma, NOS (2)
Nebraska (Veterans Affairs Medical Center) - Nasal adenocarcinoma
New Mexico (Albuquerque) - Olfactory neuroblastoma
Ohio, Columbus - Nasal cavity, right, carcinoma
Texas, Victoria - Adenocarcinoma, NOS
Hong Kong (Hong Kong Baptist Hospital) - Undifferentiated carcinoma
India, Kocki - Nasal adenocarcinoma

Diagnosis:

Nasal non-salivary gland type adenocarcinoma

Case #7

Fontana (Kaiser Permanente) - Carcinoma ex-pleomorphic adenoma
Woodland Hills (So. Calif Permanente Medical Group) - Pleomorphic adenoma with myoepithelioma
Arkansas (The Lab of Pathology, P.A.) - Carcinoma ex-pleomorphic adenoma

Georgia, Atlanta - Carcinoma ex-pleomorphic adenoma
Illinois, Oak Brook - Carcinoma ex-pleomorphic adenoma
Kansas (Peterson Laboratory Services) - Carcinoma ex-pleomorphic adenoma
Louisiana, Shreveport - Carcinoma ex-pleomorphic adenoma
Maryland (Oakwood Hospital) - Carcinoma ex-pleomorphic adenoma (2)
Nebraska (Veterans Affairs Medical Center) - Carcinoma ex-pleomorphic adenoma
New Mexico (Albuquerque) - Carcinoma ex-pleomorphic adenoma
Ohio, Columbus - Parotid gland, right, carcinoma ex-pleomorphic adenoma
Texas, Victoria - Carcinoma ex-pleomorphic adenoma
Hong Kong (Hong Kong Baptist Hospital) - Carcinoma ex-pleomorphic adenoma
India, Kocki - Carcinoma ex-pleomorphic adenoma

Diagnosis:

Carcinoma ex-pleomorphic adenoma (invasive to intermediate grade myoepithelial-predominant)

Case #8

Fontana (Kaiser Permanente) - Oncocytoma
Woodland Hills (So. Calif Permanente Medical Group) - Oncocytoma
Arkansas (The Lab of Pathology, P.A.) - Oncocytic papillary cystadenoma
Georgia, Atlanta - Oncocytoma/oncocytosis
Illinois, Oak Brook - Oncocytoma
Kansas (Peterson Laboratory Services) - Oncocytoma
Louisiana, Shreveport - Oncocytic papillary cystadenoma
Maryland (Oakwood Hospital) - Cystadenoma with oncocytic features (1); Cystadenoma (1)
Nebraska (Veterans Affairs Medical Center) - Oncocytic cystadenoma
New Mexico (Albuquerque) - Oncocytoma
Ohio, Columbus - Floor of mouth, right, no diagnosis
Texas, Victoria - Papillary oncocytoma
Hong Kong (Hong Kong Baptist Hospital) - Oncocytoma
India, Kocki - Oncocytic papillary cystadenoma

Diagnosis:

Oncocytic papillary cystadenoma; floor of mouth

Case #9

Fontana (Kaiser Permanente) - Adenoid cystic carcinoma
Woodland Hills (So. Calif Permanente Medical Group) - Adenoid cystic carcinoma
Arkansas (The Lab of Pathology, P.A.) - Adenoid cystic carcinoma
Georgia, Atlanta - Adenoid cystic carcinoma
Illinois, Oak Brook - Adenoid cystic carcinoma
Kansas (Peterson Laboratory Services) - Adenoid cystic carcinoma
Louisiana, Shreveport - Adenoid cystic carcinoma
Maryland (Oakwood Hospital) - Adenoid cystic carcinoma (2)
Nebraska (Veterans Affairs Medical Center) - Adenoid cystic carcinoma
New Mexico (Albuquerque) - Adenoid cystic carcinoma
Ohio, Columbus - Nasal cavity, ethmoid and maxillary sinuses, adenoid cystic adenocarcinoma
Texas, Victoria - Adenoid cystic carcinoma
Hong Kong (Hong Kong Baptist Hospital) - Adenoid cystic carcinoma
India, Kocki - Adenoid cystic carcinoma

Diagnosis:

Adenoid cystic carcinoma, intermediate grade

Case #10

Fontana (Kaiser Permanente) - Neuroendocrine carcinoma
Woodland Hills (So. Calif Permanente Medical Group) - Polymorphous low grade adenocarcinoma
Arkansas (The Lab of Pathology, P.A.) - Polymorphous low grade adenocarcinoma
Georgia, Atlanta - Polymorphous low grade adenocarcinoma with dedifferentiation
Illinois, Oak Brook - Polymorphous low grade adenocarcinoma
Kansas (Peterson Laboratory Services) - Polymorphous low grade carcinoma
Louisiana, Shreveport - Polymorphous low grade adenocarcinoma
Maryland (Oakwood Hospital) - Polymorphous low grade adenocarcinoma (2)
Nebraska (Veterans Affairs Medical Center) - Polymorphous low grade adenocarcinoma
New Mexico (Albuquerque) - Polymorphous low grade adenocarcinoma
Ohio, Columbus - Hard palate, polymorphous low grade adenocarcinoma
Texas, Victoria - Adenocarcinoma, NOS
Hong Kong (Hong Kong Baptist Hospital) - Papillary adenocarcinoma
India, Kocki - Polymorphous adenocarcinoma, low grade

Diagnosis:

Polymorphous low grade adenocarcinoma; with atypical features

April, 2015

“Fibrohistiocytic Disorders”

Case #1

Fontana (Kaiser Permanente) - Dermatofibrosarcoma protuberans
Woodland Hills (So. Calif Permanente Medical Group) - Dermatofibrosarcoma protuberans
Arkansas (The Lab of Pathology, P.A.) - Dermatofibrosarcoma protuberans
Georgia, Atlanta - Dermatofibrosarcoma protuberans with focal fibrosarcomatous transformation
Illinois, Oak Brook - Spindle cell lipoma
Kansas (Peterson Laboratory Services) - Dermatofibrosarcoma protuberans
Louisiana, Shreveport - Dermatofibrosarcoma protuberans
Maryland, Baltimore - Fibrous histiocytoma vs. SFT
Maryland (Oakwood Hospital) - Dermatofibrosarcoma protuberans
New Mexico, Albuquerque - Low grade fibromyxoid sarcoma
Nebraska (Veterans Affairs Medical Center) - Dermatofibrosarcoma protuberans
Ohio, Columbus - Soft tissue, arm, dermatofibrosarcoma protuberans
Texas, Victoria - Dermatofibrosarcoma protuberans
Hong Kong (Hong Kong Baptist Hospital) - Dermatofibrosarcoma protuberans
India, Kocki - Dermatofibrosarcoma protuberans

Diagnosis:

Dermatofibrosarcoma protuberans (DFSP), arm

Refs:

Dermatofibrosarcoma protuberans recurring as a hybrid dermatofibrosarcoma/giant cell fibroblastoma in an adult: a case report.
J Plast Reconstr Aesthet Surg 2010 Nov;63(11): pe785-7
Warbrick-Smith J; Hollowood K; Birch J

Dermatofibrosarcoma protuberans: recurrence is related to the adequacy of surgical margins.

Eur J Surg Oncol 2010 Jan;36(1): p89-94
Heuvel ST; Suurmeijer A, et al.

Cutaneous CD34+ spindle cell neoplasms: Histopathologic features distinguish spindle cell lipoma, solitary fibrous tumor, and dermatofibrosarcoma protuberans.

Am J Dermatopathol 2010 Dec;32(8): p764-8
Wood L; Fountaine TJ, et al.

Palisading and verocay body-prominent dermatofibrosarcoma protuberans: a report of three cases.

Histopathology 2000 Nov;37(5): p452-5
Llatjos R; Fernandez-Figueras MT, et al.

A morphologic study of dermatofibrosarcoma protuberans: expansion of a histologic profile.

J Cutan Pathol 2000 Apr;27(4): p159-63
Sigel JE; Bergfeld WF; Goldblum JR

Transformed dermatofibrosarcoma protuberans: a clinicopathological study of eight cases.

J Clin Pathol 2005 Jul;58(7): p751-6
Szollosi Z; Nemes Z

Case #2

Fontana (Kaiser Permanente) - Dermatofibrosarcoma protuberans

Woodland Hills (So. Calif Permanente Medical Group) - pigmented dermatofibrosarcoma protuberans (Bednar tumor)

Arkansas (The Lab of Pathology, P.A.) - Dermatofibrosarcoma protuberans

Georgia, Atlanta - Pigmented dermatofibrosarcoma protuberans (Bednar tumor)

Illinois, Oak Brook - Dermatofibrosarcoma protuberans

Kansas (Peterson Laboratory Services) - Dermatofibrosarcoma protuberans

Louisiana, Shreveport - Bednar tumor

Maryland, Baltimore - Dermatofibrosarcoma protuberans

Maryland (Oakwood Hospital) - Pigmented dermatofibrosarcoma protuberans

New Mexico, Albuquerque - Dermatofibrosarcoma protuberans

Nebraska (Veterans Affairs Medical Center) - Pigmented dermatofibrosarcoma protuberans

Ohio, Columbus - Skin and soft tissue, neck, dermatofibrosarcoma protuberans with pigment (Bednar tumor)

Texas, Victoria - Pigmented dermatofibrosarcoma protuberans

Hong Kong (Hong Kong Baptist Hospital) - Dermatofibrosarcoma protuberans

India, Kocki - Pigmented dermatofibrosarcoma protuberans

Diagnosis:

Pigmented dermatofibrosarcoma protuberans (Bednar tumor), neck

Refs:

CD34+ pigmented fibrous proliferations: the morphologic overlap between pigmented dermatofibromas and Bednar tumors.

Am J Dermatopathol 2008 Oct;30(5): p484-7
McAllister JC; Recht B, et al.

Pigmented dermatofibrosarcoma protuberans with prominent meningothelial-like whorls.

J Cutan Pathol 2008 Oct;35 Suppl 1:65-9

Wang J; Yang W

A firm red-brown plaque on the arm. Dermatofibrosarcoma protuberans (DFSP), pigmented variant (Bednar tumor).

Arch Dermatol 2009 May;145(5): p589-94

Quigley EA; Marghoob AA, et al.

Surgical decision criteria: Bednar tumour of the foot in a child.

J Plast Reconstr Aesthet Surg 2011 Dec;64(12): p1697-701

Kubiak R; Weidner K, et al.

Metastatic Bednar tumor (pigmented dermatofibrosarcoma protuberans) with fibrosarcomatous change: a case report.

J Orthop Sci 2004;9(6): p662-5

Suehara Y; Yazawa Y; Hitachi K

An unusual pigmented skin tumour. Bednar Tumour, dorsum of left foot (pigmented dermatofibrosarcoma protuberans).

Pathology 2004 Aug;36(4): p358-61

Zardawi IM; Kattampallil J; Rode J

Case #3

Fontana (Kaiser Permanente) - Hemangioendothelioma

Woodland Hills (So. Calif Permanente Medical Group) - Giant cell fibroblastoma

Arkansas (The Lab of Pathology, P.A.) - Giant cell fibroblastoma

Georgia, Atlanta - Giant cell fibroblastoma

Illinois, Oak Brook - Giant cell fibroblastoma

Kansas (Peterson Laboratory Services) - Giant cell fibroblastoma

Louisiana, Shreveport - Giant cell fibroblastoma

Maryland, Baltimore - Giant cell fibroblastoma

Maryland (Oakwood Hospital) - Giant cell fibroblastoma

New Mexico, Albuquerque - Giant cell fibroblastoma

Nebraska (Veterans Affairs Medical Center) - Giant cell fibroblastoma

Ohio, Columbus - Soft tissue, subxiphoid, giant cell fibroblastoma

Texas, Victoria - Giant cell fibroblastoma

Hong Kong (Hong Kong Baptist Hospital) - Giant cell fibroblastoma

India, Kocki - Giant cell fibroblastoma

Diagnosis:

Giant cell fibroblastoma, subxiphoid

Refs:

A very large, rapidly developing, congenital giant cell fibroblastoma in a 5-month old infant.

J Dermatol 2006 Mar;33(3): p182-6

Aliagaoglu C; Bakan V, et al.

Giant cell fibroblastoma: an update and addition of 86 new cases from the Armed Forces Institute of Pathology, in honor of Dr. Franz M. Enzinger.

Ann Diagn Pathol 2007 Apr;11(2): p81-8

Jha P; Moosavi C; Fanburg-Smith JC

Dermatofibrosarcoma protuberans and giant cell fibroblastoma exhibit CD99 positivity.

J Cutan Pathol 2008 Jul;35(7): p647-50

Diwan AH; Skelton HG; Horenstein MG; Kelly DR; Barrett TL; Bussian AH; Sanders DY; Lazar et al.

Giant cell fibroblastoma mimicking a soft fibroma arising within a dermatofibrosarcoma protuberans.

J Am Acad Dermatol 2012 Oct;67(4): p137-9

Eminger LA; Shinohara MM, et al.

Recurrent giant cell fibroblastoma treated with Mohs micrographic surgery.

Dermatol Surg 2010 Mar;36(3): p417-21

Najarian DJ; Morrison C, et al.

Case #4

Fontana (Kaiser Permanente) - Xanthelasma

Woodland Hills (So. Calif Permanente Medical Group) - Xanthelasma

Arkansas (The Lab of Pathology, P.A.) - Xanthelasma

Georgia, Atlanta - Xanthelasma

Illinois, Oak Brook - Xanthelasma

Kansas (Peterson Laboratory Services) - Xanthelasma

Louisiana, Shreveport - Xanthelasma

Maryland, Baltimore - Plexiform fibrous histiocytoma

Maryland (Oakwood Hospital) - Xanthelasma

New Mexico, Albuquerque - Xanthogranuloma

Nebraska (Veterans Affairs Medical Center) - Xanthelasma

Ohio, Columbus - Skin, left eyelid, xanthelasma

Texas, Victoria - Xanthelasma

Hong Kong (Hong Kong Baptist Hospital) - Xanthoma

India, Kocki - Xanthelasma of eye

Diagnosis:

Xanthelasma, eye

Refs:

Fractional photothermolysis: a new therapeutic modality for xanthelasma.

Arch Dermatol 2009 Oct;145(10): p1091-4

Katz TM; Goldberg LH; Friedman PM

Xanthelasma palpebrarum treatment with a 1,450-nm-diode laser.

Dermatol Surg 2011 Jun;37(6): p791-6

Park EJ; Youn SH, et al.

Mast cell distribution, activation, and phenotype in xanthoma.

J Am Acad Dermatol 2007 Jun;56(6): p1006-12

Matsumoto M; Kunimitsu S, et al.

Normolipemic papular xanthoma with xanthelasma.

Dermatol Online J 2006;12(3): p19

Singla A

Bilateral xanthelasma palpebrarum on both eyelids in a 9-year-old boy.

Pediatr Dermatol 2006 Jan-Feb;23(1): p95-7

Youn SJ; Park HS, et al.

Case #5

Fontana (Kaiser Permanente) - Xanthogranuloma
Woodland Hills (So. Calif Permanente Medical Group) - Lipidized dermatofibroma
Arkansas (The Lab of Pathology, P.A.) - Juvenile xanthogranuloma
Georgia, Atlanta - Juvenile xanthogranuloma
Illinois, Oak Brook - Juvenile xanthogranuloma
Kansas (Peterson Laboratory Services) - Cellular fibrous histiocytoma
Louisiana, Shreveport - Juvenile xanthogranuloma
Maryland, Baltimore - Dermatofibroma
Maryland (Oakwood Hospital) - Juvenile xanthogranuloma
New Mexico, Albuquerque - Juvenile xanthogranuloma
Nebraska (Veterans Affairs Medical Center) - Juvenile xanthogranuloma
Ohio, Columbus - Skin, posterior right thigh, juvenile xanthogranuloma
Texas, Victoria - Cellular fibrous histiocytoma
Hong Kong (Hong Kong Baptist Hospital) - Fibrous histiocytoma
India, Kocki - Juvenile xanthogranuloma of thigh

Diagnosis:

Juvenile xanthogranuloma (JXG), thigh

Refs:

Deep-seated congenital juvenile xanthogranuloma: report of a case with emphasis on cytologic features.

Acta Cytol 2007 May-Jun;51(3): p473-6

Barroca H; Farinha NJ, et al.

Clonality in juvenile xanthogranuloma.

Am J Surg Pathol 2007 May;31(5): p812-3

Janssen D; Folster-Holst R, et al.

Juvenile xanthogranuloma in childhood and adolescence: a clinicopathologic study of 129 patients from the Kiel pediatric tumor registry.

Am J Surg Pathol 2005 Aug;29(8): p1117; author reply 1117-8

Liu DT; Choi PC; Chan AY

Juvenile xanthogranulomas in the first two decades of life: a clinicopathologic study of 174 cases with cutaneous and extracutaneous manifestations.

Am J Surg Pathol 2003 May;27(5): p579-93

Dehner LP

An infant with extensive cutaneous nodular juvenile xanthogranuloma and hyperlipidemia.

J Am Acad Dermatol 2007 Feb;56(2 Suppl): pS54-5

Hu JY; Alston JL, et al.

Pathology quiz case. Nasal juvenile xanthogranuloma (JXG).

Arch Otolaryngol Head Neck Surg 2005 Jan;131(1): p81; diagnosis 82

Chung BJ; Embi CS, et al.

Systemic form of juvenile xanthogranuloma: report of a case with liver and bone marrow involvement.

Pediatr Dev Pathol 2004 Nov-Dec;7(6): p646-8

Chantranuwat C1

Juvenile xanthogranuloma in childhood and adolescence: a clinicopathologic study of 129 patients from the kiel pediatric tumor registry.

Am J Surg Pathol 2005 Jan;29(1): p21-8

Janssen D; Harms D

Case #6

Fontana (Kaiser Permanente) - Elastofibroma

Woodland Hills (So. Calif Permanente Medical Group) - Collagenous fibroma

Arkansas (The Lab of Pathology, P.A.) - Desmoplastic fibroblastoma

Georgia, Atlanta - Collagenous fibroma

Illinois, Oak Brook - Fibroma

Kansas (Peterson Laboratory Services) - Desmoplastic fibroblastoma

Louisiana, Shreveport - Desmoplastic fibroblastoma

Maryland, Baltimore - Fibroma

Maryland (Oakwood Hospital) - Desmoplastic fibroblastoma (collagenous fibroma)

New Mexico, Albuquerque - Sclerotic fibroma

Nebraska (Veterans Affairs Medical Center) - Desmoplastic fibroblastoma

Ohio, Columbus - Soft tissue, right hip, desmoplastic fibroma

Texas, Victoria - Desmoid fibromatosis

Hong Kong (Hong Kong Baptist Hospital) - Calcifying fibrous tumor

India, Kocki - Desmoplastic fibroblastoma

Diagnosis:

Desmoplastic fibroblastoma, hip

Refs:

Translocation (2; 11)(q31; q12) is recurrent in collagenous fibroma (desmoplastic fibroblastoma).

Cancer Genet Cytogenet 2004 Mar;149(2): p161-3

Bernal K; Nelson M, et al.

Desmoplastic fibroblastoma (collagenous fibroma) with a specific breakpoint of 11q12.

Histopathology 2007 Dec;51(6): p859-60

Sakamoto A; Yamamoto H, et al.

Desmoplastic fibroblastoma (collagenous fibroma).

J Dermatol 2008 Feb;35(2): p93-7

Watanabe H; Ishida Y, et al.

Collagenous fibroma (desmoplastic fibroblastoma) with a new translocation involving 11q12: a case report.

Cancer Genet Cytogenet 2009 Jul 15;192(2): p73-5

Maghari A; Ma N, et al.

Massive desmoplastic fibroblastoma with scapular invasion.

Orthopedics 2010 Aug;33(8): p

Merriman DJ; Deavers MT, et al.

Case #7

Fontana (Kaiser Permanente) - Leiomyoma
Woodland Hills (So. Calif Permanente Medical Group) - Epithelioid sarcoma
Arkansas (The Lab of Pathology, P.A.) - Angiomatoid fibrous histiocytoma
Georgia, Atlanta - Nodular fasciitis
Illinois, Oak Brook - Fibrous hamartoma of infancy
Kansas (Peterson Laboratory Services) - Angiomatoid fibrous histiocytoma
Louisiana, Shreveport - Angiomatoid fibrous histiocytoma
Maryland, Baltimore - Myofibroblastoma vs. nodular fasciitis
Maryland (Oakwood Hospital) - Plexiform fibrohistiocytic tumor vs. angiomatoid fibrous histiocytoma
New Mexico, Albuquerque - Plexiform fibrohistiocytic tumor
Nebraska (Veterans Affairs Medical Center) - Angiomatoid fibrous histiocytoma
Ohio, Columbus - Skin, soft tissue, forearm, angiomatoid fibrous histiocytoma
Texas, Victoria - Angiomatoid fibrous histiocytoma
Hong Kong (Hong Kong Baptist Hospital) - Angiomatoid fibrous histiocytoma
India, Kocki - Angiomatoid fibrous histiocytoma

Diagnosis:

Angiomatoid fibrous histiocytoma

Refs:

Angiomatoid variant of fibrous histiocytoma: a case report and review of literature.

Int J Paediatr Dent 2006 Sep;16(5): p363-9

Pratibha R; Ahmed S

Angiomatoid fibrous histiocytoma with cystic structures of sweat duct origin.

Pathol Int 2007 Aug;57(8): p513-6

Koletsis T; Hytiroglou P, et al.

Angiomatoid fibrous histiocytoma a series of five cytologic cases with literature review and emphasis on diagnostic pitfalls.

Diagn Cytopathol 2012 Aug;40 Suppl 2:E86-93

Qian X; Hornick JL, et al.

Angiomatoid fibrous histiocytoma: a review with recent genetic findings.

Arch Pathol Lab Med 2008 Feb;132(2): p273-7

Thway K

Angiomatoid fibrous histiocytoma in a six-year-old child.

Pediatr Dermatol 2009 Sep-Oct;26(5): p636-8

Cernik C; Channaiah D; Trevino J

Angiomatoid fibrous histiocytoma in an HIV-positive child.

J Pediatr Hematol Oncol 2008 Mar;30(3): p242-4

Martelli L; Collini P, et al.

Case #8

Fontana (Kaiser Permanente) - Mastocytoma

Woodland Hills (So. Calif Permanente Medical Group) - Solitary reticulohistiocytoma
Arkansas (The Lab of Pathology, P.A.) - Epithelioid fibrous histiocytoma
Georgia, Atlanta - Proliferative fasciitis
Illinois, Oak Brook - Xanthogranuloma
Kansas (Peterson Laboratory Services) - Epithelioid fibrous histiocytoma
Louisiana, Shreveport - Epithelioid fibrous histiocytoma
Maryland, Baltimore - Dermatofibroma vs. fibrous histiocytoma
Maryland (Oakwood Hospital) - Epithelioid fibrous histiocytoma
New Mexico, Albuquerque - Atypical fibroxanthoma
Nebraska (Veterans Affairs Medical Center) - Epithelioid fibrous histiocytoma
Ohio, Columbus - Skin, soft tissue, left buttock, atypical fibrous histiocytoma
Texas, Victoria - Epithelioid benign fibrous histiocytoma
Hong Kong (Hong Kong Baptist Hospital) - Reticulohistiocytoma
India, Kocki - Epithelioid fibrous histiocytoma

Diagnosis:

Epithelioid fibrous histiocytoma, buttock

Refs:

Sclerotic epithelioid dermatofibroma.
 Am J Dermatopathol 2011 Feb;33(1): p98-101
 Mitteldorf C; Zelger B; Tronnier M

EMA positivity in epithelioid fibrous histiocytoma: a potential diagnostic pitfall.

J Cutan Pathol 2011 Sep;38(9): p697-703
 Doyle LA; Fletcher CD

Granular cell variant of epithelioid cell histiocytoma.

Am J Dermatopathol 2012 Oct;34(7): p766-9
 Rabkin MS; Vukmer T

Challenge. Epithelioid cell histiocytoma.

Am J Dermatopathol 2003 Oct;25(5): p430-1, 445
 Stewart DB; Egbert BM; Swetter SM

Epithelioid cell histiocytoma--histogenetic and kinetics analysis of dermal microvascular unit dendritic cell subpopulations.

J Cutan Pathol 2003 Aug;30(7): p415-22

Silverman JS; Glusac EJ

Epithelioid cell histiocytoma with granular cells (another nonneural granular cell neoplasm).

Am J Dermatopathol 2007 Oct;29(5): p475-6

AU - Lee J

Case #9

Fontana (Kaiser Permanente) - Fibrous histiocytoma

Woodland Hills (So. Calif Permanente Medical Group) - Aneurysmal dermatofibroma

Arkansas (The Lab of Pathology, P.A.) - Angiomatoid fibrous histiocytoma

Georgia, Atlanta - Telangiectatic/hemosideritic dermatofibroma

Illinois, Oak Brook - Aneurysmal fibrous histiocytoma

Kansas (Peterson Laboratory Services) - Aneurysmal fibrous histiocytoma

Louisiana, Shreveport - Aneurysmal fibrous histiocytoma

Maryland, Baltimore - Angiomatoid fibrous histiocytoma
Maryland (Oakwood Hospital) - Aneurysmal fibrous histiocytoma
New Mexico, Albuquerque - Angiomatoid dermatofibroma
Nebraska (Veterans Affairs Medical Center) - Aneurysmal fibrous histiocytoma
Ohio, Columbus - Skin, soft tissue, left upper quadrant abdomen, aneurysmal dermatofibroma
Texas, Victoria - Aneurysmal fibrous histiocytoma
Hong Kong (Hong Kong Baptist Hospital) - Aneurysmal fibrous histiocytoma
India, Kocki - Aneurysmal fibrous histiocytoma

Diagnosis:

Aneurysmal fibrous histiocytoma, abdomen

Refs:

Report of an angiosarcoma mimic: cutaneous aneurysmal fibrous histiocytoma.
APMIS 2006 Oct;114(10): p744-8
Venkataraman G; Hammadeh R

Cutaneous aneurysmal fibrous histiocytoma with a t(12; 19)(p12; q13) as the sole cytogenetic anomaly.
Cancer Genet Cytogenet 2006 Jan 15;164(2): p155-8
Botrus G; Sciort R; Debiec-Rychter M

Aneurysmal fibrous histiocytoma of the skin: a rare variant of dermatofibroma.
Plast Reconstr Surg 2005 Dec;116(7): p2050-1
Kandal S; Ozmen S, et al.

Dermoscopic features of aneurysmal benign fibrous histiocytoma.
J Dermatol 2005 Aug;32(8): p688-90
Yoshida Y; Miyachi M, et al.

Case #10

Fontana (Kaiser Permanente) - IgG4 disease
Woodland Hills (So. Calif Permanente Medical Group) - Sclerosing fibroinflammatory lesion (IgG4 related)
Arkansas (The Lab of Pathology, P.A.) - Malignant fibrous histiocytoma
Georgia, Atlanta - Inflammatory malignant fibrous histiocytoma
Illinois, Oak Brook - Inflammatory malignant fibrous histiocytoma
Kansas (Peterson Laboratory Services) - Malignant fibrous histiocytoma
Louisiana, Shreveport - Inflammatory malignant fibrous histiocytoma
Maryland, Baltimore - Inflammatory myofibroblastic tumor
Maryland (Oakwood Hospital) - Undifferentiated pleomorphic sarcoma with prominent inflammation
New Mexico, Albuquerque - Retroperitoneal xanthogranulomatosis
Nebraska (Veterans Affairs Medical Center) - Inflammatory malignant fibrous histiocytoma
Ohio, Columbus - Soft tissue, retroperitoneum, inflammatory sarcoma
Texas, Victoria - Inflammatory malignant fibrous histiocytoma
Hong Kong (Hong Kong Baptist Hospital) - Inflammatory malignant fibrous histiocytoma
India, Kocki - Inflammatory malignant fibrous histiocytoma

Diagnosis:

Inflammatory MFH, retroperitoneum

Refs:

Inflammatory malignant fibrous histiocytoma of the retroperitoneum.
Coll Antropol 2011 Mar;35(1): p1-4
Cvjetko I; Kocman B; Sitic S

Inflammatory malignant fibrous histiocytoma of kidney: a case report.
Pathol Res Pract 2008;204(11): p857-61
Ghosh A; Dwivedi US; Kumar A

Hypervascular retroperitoneal mass in a patient with Fever and leucocytosis
- contrast-enhanced ultrasonographic findings in a case of inflammatory
malignant fibrous histiocytoma.
Ultraschall Med 2011 Feb;32(1): p1-4
Ballestri S; Losi L, et al.

Inflammatory malignant fibrous histiocytoma of thymus origin.
Ann Thorac Surg 2010 Jun;89(6): p2003-5
Samejima J; Takahashi K, et al.

Inflammatory malignant fibrous histiocytoma originating from the
infratemporal fossa and extruding into the external auditory meatus.
Pathology 2007 Jun;39(3): p371-3
Yamanegi K; Ohta S, et al.

May, 2015**“Disorders of Lymph and Spleen”****Case #1**

Fontana (Kaiser Permanente) - Traumatic injury
Woodland Hills (Kaiser Permanente) - Amyloidosis
Arkansas (The Lab of Pathology, P.A.) - Amyloidosis
Georgia, Atlanta - Amyloidosis
Kansas (Peterson Laboratory Services) - Amyloidosis with splenic rupture
Maryland, Baltimore - Amyloidosis
Maryland (Oakwood Hospital) - Amyloidosis (2)
Nebraska (Veterans Affairs Medical Center) - Splenic rupture
New Mexico, Albuquerque - Amyloidosis
Ohio, Columbus - Spleen, amyloid deposition
Texas, Victoria - Amyloidosis
Hong Kong (Hong Kong Baptist Hospital) - Amyloidosis

Diagnosis:**Splenic amyloidosis****Refs:**

Splenic amyloidosis: a rare cause of spontaneous splenic rupture.
Singapore Med J 2011 Nov;52(11): pe232-5
Chan RS; Abdul Aziz YF, et al.

Splenic plasma cells can serve as a source of amyloidogenic light chains.
Blood 2009 Feb 12;113(7): p1501-3
Solomon A; Macy SD, et al.

Amyloidosis.

Ann Clin Biochem 2012 May;49(Pt 3): p229-41

Pinney JH; Hawkins PN

Amyloidosis: a clinico-pathophysiological synopsis.

Semin Cell Dev Biol 2004 Feb;15(1): p39-44

Hirschfield GM

Immunohistochemistry in the classification of systemic forms of amyloidosis: a systematic investigation of 117 patients.

Blood 2012 Jan 12;119(2): p488-93

Schonland SO; Hegenbart U, et al.

Radioimmuno-detection of amyloid deposits in patients with AL amyloidosis.

Blood 2010 Sep 30;116(13): p2241-4

Wall JS; Kennel SJ, et al.

Subcutaneous fat tissue for diagnosis and studies of systemic amyloidosis.

Acta Histochem 2006;108(3): p209-13

Westermarck P; Davey E, et al.

Case #2

Fontana (Kaiser Permanente) - Hepatosplenic T-cell lymphoma

Woodland Hills (Kaiser Permanente) - Hepatosplenic T-cell lymphoma

Arkansas (The Lab of Pathology, P.A.) - Hepatosplenic T-cell lymphoma

Georgia, Atlanta - Peripheral T-cell lymphoma

Kansas (Peterson Laboratory Services) - Alpha beta hepatosplenic T-cell lymphoma

Maryland, Baltimore - Hepatosplenic T-cell lymphoma, alpha-beta variant

Maryland (Oakwood Hospital) - Peripheral T-cell lymphoma (1); T-cell lymphoma, NOS (1)

Nebraska (Veterans Affairs Medical Center) - Hepatosplenic alpha-beta T-cell lymphoma

New Mexico, Albuquerque - Peripheral T-cell lymphoma

Ohio, Columbus - Spleen, T-cell lymphoma

Texas, Victoria - T-cell lymphoma

Hong Kong (Hong Kong Baptist Hospital) - Hepatosplenic T-cell lymphoma

Diagnosis:

T-cell lymphoma, spleen

Refs:

[Lymphomas of the spleen]

Pathologie 2008 Mar;29(2): p136-42

Marx A; Muller-Hermelink HK, et al.

Hepatosplenic T-cell lymphoma is a distinct rare entity: diagnosis by fine-needle aspiration cytology.

Diagn Cytopathol 2011 Sep;39(9): p677-80

Kumar R; Dey P, et al.

Hepatosplenic T-cell lymphoma following infliximab therapy for Crohn's disease.

Med J Aust 2008 Oct 20;189(8): p464-5

Drini M; Prichard PJ, et al.

Molecular features of hepatosplenic T-cell lymphoma unravels potential novel therapeutic targets.

Blood 2012 Jun 14;119(24): p5795-806
Travert M; Huang Y, et al.

Rare T-cell lymphomas.
Cancer Treat Res 2008;142:331-47
Molina AM; Horwitz SM

Case #3

Fontana (Kaiser Permanente) - Histiocytic sarcoma
Woodland Hills (Kaiser Permanente) - Histiocytic sarcoma
Arkansas (The Lab of Pathology, P.A.) - Histiocytic sarcoma
Georgia, Atlanta - Littoral cell angioma
Kansas (Peterson Laboratory Services) - Littoral cell angioma
Maryland, Baltimore - Littoral cell angioma
Maryland (Oakwood Hospital) - Littoral cell angioma (2)
Nebraska (Veterans Affairs Medical Center) - Littoral cell angioma
New Mexico, Albuquerque - Littoral cell angioma
Ohio, Columbus - Spleen, lymphoma
Texas, Victoria - Littoral cell angioma
Hong Kong (Hong Kong Baptist Hospital) - Littoral cell angioma

Diagnosis:

Littoral cell angioma, spleen

Refs:

Extramedullary hemopoiesis and littoral cell angioma of the spleen: our experience and review.
Hepatogastroenterology 2012 Sep;59(118): p1789-93
Maternini M; Misani M, et al.

Littoral cell angioma of the spleen diagnosed by endoscopic ultrasound-guided fine-needle aspiration biopsy.
Diagn Cytopathol 2011 May;39(5): p318-22
Nagarajan P; Cai G, et al.

Littoral cell angioma of the spleen mimicking posttransplantation lymphoma in a 63-year-old renal transplant patient.
Am J Kidney Dis 2008 Sep;52(3): p11-4
Muhlfeld AS; Eitner F, et al.

Littoral cell angioma: a correctable cause of progressive pancytopenia in a patient with myelodysplastic syndrome.
Leuk Res 2010 Apr;34(4): p117-9
Bierenbaum J; Alapat DV, et al.

Primary vascular neoplasms unique to the spleen: littoral cell angioma and splenic hamartoma diagnosis by fine-needle aspiration biopsy.
Diagn Cytopathol 2007 Mar;35(3): p137-42
Ramdall RB; Alasio TM, et al.

Littoral-cell angioma as a rare cause of splenomegaly.
Clin Lab Haematol 2006 Oct;28(5): p317-20
Suvajdzic N; Cemerikic-Martinovic V, et al.

Case #4

Fontana (Kaiser Permanente) - Littoral cell angioma
Woodland Hills (Kaiser Permanente) - Angiosarcoma
Arkansas (The Lab of Pathology, P.A.) - Peliosis
Georgia, Atlanta - Angiosarcoma
Kansas (Peterson Laboratory Services) - Cavernous hemangioma
Maryland, Baltimore - Vascular tumor, rule out angiosarcoma
Maryland (Oakwood Hospital) - Hemangioma (1); Angiosarcoma (1)
Nebraska (Veterans Affairs Medical Center) - Cavernous hemangioma
New Mexico, Albuquerque - Angiosarcoma
Ohio, Columbus - Spleen, angiosarcoma
Texas, Victoria - Angiosarcoma
Hong Kong (Hong Kong Baptist Hospital) - Splenic hemangioma

Diagnosis:

Angiosarcoma, spleen

Refs:

Splenic vascular tumors.

Semin Diagn Pathol 2003 May;20(2): p128-39

Kutok JL; Fletcher CD

Primary angiosarcoma of the spleen in a child with long-term survival.

Pediatr Surg Int 2007 Aug;23(8): p807-10

Hsu JT; Ueng SH, et al.

Primary angiosarcoma of the spleen in a child.

Med Pediatr Oncol 2003 Jun;40(6): p411-2

Kren L; Kaur P, et al.

Primary angiosarcoma of the spleen.

J Surg Oncol 2005 Dec 15;92(4): p312-6

Hsu JT; Chen HM, et al.

Angiosarcomas arising in the viscera and soft tissue of children and young adults: a clinicopathologic study of 15 cases.

Am J Surg Pathol 2009 Feb;33(2): p264-9

Deyrup AT; Miettinen M, et al.

Case #5

Fontana (Kaiser Permanente) - Chronic sialadenitis

Woodland Hills (Kaiser Permanente) - Extranodal marginal zone B-cell lymphoma (MALToma)

Arkansas (The Lab of Pathology, P.A.) - MALT lymphoma

Georgia, Atlanta - Lymphomatoid granulomatosis

Kansas (Peterson Laboratory Services) - MALT lymphoma

Maryland, Baltimore - Marginal zone lymphoma with increased large cells

Maryland (Oakwood Hospital) - Extranodal marginal zone lymphoma (1); Lymphoepithelial sialadenitis, rule out MALT lymphoma (1)

Nebraska (Veterans Affairs Medical Center) - MALT lymphoma

New Mexico, Albuquerque - MALT lymphoma (marginal zone)

Ohio, Columbus - Parotid gland, right, consistent with Sjogren's disease

Texas, Victoria - Sjogren syndrome

Hong Kong (Hong Kong Baptist Hospital) - Extranodal marginal zone B-cell lymphoma

Diagnosis:

Sjogren disease/syndrome, parotid

Refs:

58-year-old woman with dry mouth and swollen parotid glands.

Mayo Clin Proc 2003 Sep;78(9): p1145-8

Jones JR; Swaroop VS

Clinical presentation and salivary gland histopathology of paediatric primary Sjogren's syndrome.

Clin Exp Rheumatol 2011 May-Jun;29(3): p589-93

Saad Magalhaes C; de Souza Medeiros PB

Quantitative and visual evaluation of salivary and thyroid glands in patients with primary Sjogren's syndrome using salivary gland scintigraphy: relationship with clinicopathological features of salivary, lacrimal and thyroid glands.

Nucl Med Commun 2010 Jul;31(7): p666-72

Gune S; Yilmaz S, et al.

Early and late extraglandular manifestations in primary Sjogren's syndrome.

Clin Exp Rheumatol 2012 May-Jun;30(3): p455

Hernandez-Molina G; Michel-Peregrina M, et al.

Parotid magnetic resonance imaging, sialography, and parotid biopsy for diagnosis of Sjogren's syndrome in a patient with negative serology.

J Otolaryngol 2005 Jun;34(3): p199-203

Yilmaz I; Erdem A, et al.

Bilateral parotid cysts as presentation of Sjogren's syndrome.

J Laryngol Otol 2003 Feb;117(2): p151-2

Plaza G; Dominguez MP; Bueno A

Lymphoepithelial carcinoma of the parotid glands and its relationship with benign lymphoepithelial lesions.

Arch Pathol Lab Med 2008 Feb;132(2): p278-82

Schneider M; Rizzardi C

Systems biology analysis of Sjogren's syndrome and mucosa-associated lymphoid tissue lymphoma in parotid glands.

Arthritis Rheum 2009 Jan;60(1): p81-92

Hu S; Zhou M, et al.

Case #6

Fontana (Kaiser Permanente) - Accessory spleen

Woodland Hills (Kaiser Permanente) - Castleman disease, unicentric hyaline vascular variant

Arkansas (The Lab of Pathology, P.A.) - Castleman disease

Georgia, Atlanta - Castleman disease

Kansas (Peterson Laboratory Services) - Castleman disease

Maryland, Baltimore - Castleman disease, hyaline vascular variant

Maryland (Oakwood Hospital) - Follicular dendritic cell sarcoma (1); Castleman disease, hyaline vascular type (1)

Nebraska (Veterans Affairs Medical Center) - Castleman disease

New Mexico, Albuquerque - Castleman disease

Ohio, Columbus - Retroperitoneum, Castleman disease

Texas, Victoria - Castleman disease, hyaline vascular

Hong Kong (Hong Kong Baptist Hospital) - Castleman disease, hyaline vascular type

Diagnosis:

Hyaline vascular Castleman disease, stromal-rich variant, retroperitoneum

Refs:

Hyaline vascular-type Castleman's disease of the retroperitoneum.

N Z Med J 2008 Jul 4;121(1277): p83-5

Liao CM; Chiu YC, et al.

Retroperitoneal Castleman's disease with colon cancer. A rare association.

Clin Transl Oncol 2008 Apr;10(4): p238-40

Gomez-Raposo C; Nistal M, et al.

Castleman disease: an update on classification and the spectrum of associated lesions.

Adv Anat Pathol 2009 Jul;16(4): p236-46

Cronin DM; Warnke RA

Cytomorphology of hyaline-vascular Castleman's disease: a diagnostic challenge.

Cytopathology 2007 Jun;18(3): p168-74

Mallik MK; Kapila K, et al.

Castleman's disease - hyaline vascular type - clinical, cytological and histological features with review of literature.

Indian J Pathol Microbiol 2010 Apr-Jun;53(2): p244-7

Ghosh A; Pradhan SV; Talwar OP

Castleman's disease: systematic analysis of 416 patients from the literature.

Oncologist 2011;16(9): p1316-24

Talat N; Schulte KM

Progressive transformation of germinal center presenting with histological features of hyaline-vascular type of Castleman's disease.

APMIS 2005 Apr;113(4): p288-95

Kojima M; Nakamura S

Atypical lymphoproliferative disorders: Castleman's disease. Case report and review of the literature.

Tumori 2004 May-Jun;90(3): p352-5

Martino G; Cariati S, et al.

Fine needle aspiration in retroperitoneal Castleman's disease: a case report.

Acta Cytol 2009 May-Jun;53(3): p316-8

Case #7

Fontana (Kaiser Permanente) - Lymphomatoid papulosis

Woodland Hills (Kaiser Permanente) - Atypical lymphocytic panniculitis

Arkansas (The Lab of Pathology, P.A.) - Cutaneous lymphoma

Georgia, Atlanta - Rosai Dorfman disease

Kansas (Peterson Laboratory Services) - Subcutaneous panniculitis like TCL

Maryland, Baltimore - Necrobiosis lipoidica

Maryland (Oakwood Hospital) - Subcutaneous panniculitis-like T-cell lymphoma (1) Panniculitis vs rheumatoid nodule (1)

Nebraska (Veterans Affairs Medical Center) - Lobular panniculitis

New Mexico, Albuquerque - Follicular dendritic cell tumor

Ohio, Columbus - Soft tissue, right buttock, no diagnosis

Texas, Victoria - Rosai-Dorfman disease

Hong Kong (Hong Kong Baptist Hospital) - Rosai Dorfman disease

Diagnosis:

Rosai-Dorfman Disease, buttock

Refs:

Soft tissue Rosai-Dorfman disease: 29 new lesions in 18 patients, with detection of polyomavirus antigen in 3 abdominal cases.

Ann Diagn Pathol 2010 Oct;14(5): p309-16

Al-Daraji W; Fanburg-Smith J, et al.

Cutaneous rosai-dorfman disease: a clinical and histopathologic study of 25 cases in China.

Am J Surg Pathol 2007 Mar;31(3): p341-50

Kong YY; Kong JC, et al.

Extranodal rosai-dorfman disease presenting as a solitary mass with human herpesvirus 6 detection in a pediatric patient.

Pediatr Dev Pathol 2012 Jul-Aug;15(4): p324-8

Arakaki N; Gallo G

Cutaneous Rosai-Dorfman disease with increased number of eosinophils: coincidence or histologic variant?

Arch Pathol Lab Med 2011 Dec;135(12): p1597-600

Cangelosi JJ; Prieto VG; Ivan D

Diagnosis of sinus histiocytosis with massive lymphadenopathy (Rosai-Dorfman disease) by fine needle aspiration cytology.

Diagn Cytopathol 2008 Oct;36(10): p691-5

Kumar B; Karki S; Paudyal P

Rosai-Dorfman disease: unusual cause of diffuse and massive retroperitoneal lymphadenopathy.

Br J Radiol 2005 Sep;78(933): p845-7

Sodhi KS; Suri S; Nijhawan R, et al.

Cutaneous Rosai-Dorfman disease: clinicopathological profiles, spectrum and evolution of 21 lesions in six patients.

Br J Dermatol 2006 Feb;154(2): p277-86

Wang KH; Chen WY, et al.

Case #8

Fontana (Kaiser Permanente) - Nodular lymphocyte predominant Hodgkins

Woodland Hills (Kaiser Permanente) - T-cell rich large B-cell lymphoma

Arkansas (The Lab of Pathology, P.A.) - Nodular lymphocyte predominant Hodgkin lymphoma

Georgia, Atlanta - T-cell rich large C-cell lymphoma

Kansas (Peterson Laboratory Services) - ALCL

Maryland, Baltimore - Angioimmunoblastic T-cell lymphoma with CLL

Maryland (Oakwood Hospital) - Lymphocyte-rich classical Hodgkin lymphoma (1); Anaplastic large cell lymphoma (1)

Nebraska (Veterans Affairs Medical Center) - Nodular lymphocyte predominant Hodgkin lymphoma

New Mexico, Albuquerque - Anaplastic large cell lymphoma

Ohio, Columbus - Lymph node, right axilla, Hodgkin's disease

Texas, Victoria - Hodgkin's disease

Hong Kong (Hong Kong Baptist Hospital) - Anaplastic large cell lymphoma vs. Hodgkin lymphoma

Diagnosis:

Hodgkin lymphoma, nodular lymphocytic predominant, axillary node

Refs:

Bone marrow involvement in patients with nodular lymphocyte predominant Hodgkin lymphoma.

Am J Surg Pathol 2004 Apr;28(4): p489-95

Khoury JD; Jones D, et al.

Nodular lymphocyte predominant Hodgkin lymphoma. An immunophenotypic reappraisal based on a single-institution experience.

Am J Clin Pathol 2003 Feb;119(2): p192-8

Uherova P; Valdez R, et al.

Biology, clinical course and management of nodular lymphocyte-predominant hodgkin lymphoma.

Hematology Am Soc Hematol Educ Program 2006;:266-72

Nogova L; Rudiger T; Engert A

Role of fine needle aspiration cytology in nodular sclerosis variant of Hodgkin's lymphoma.

Acta Cytol 2006 Sep-Oct;50(5): p507-12

Jogai S; Dey P, et al.

Nodular lymphocyte-predominant Hodgkin lymphoma with nodules resembling T-cell/histiocyte-rich B-cell lymphoma: differential diagnosis between nodular lymphocyte-predominant Hodgkin lymphoma and T-cell/histiocyte-rich B-cell lymphoma.

Blood 2003 Nov 15;102(10): p3753-8

Boudova L; Torlakovic E, et al.

Case #9

Fontana (Kaiser Permanente) - Chronic lymphocytic leukemia

Woodland Hills (Kaiser Permanente) - Small lymphocytic lymphoma/chronic lymphocytic leukemia

Arkansas (The Lab of Pathology, P.A.) - Cutaneous small cell lymphoma

Georgia, Atlanta - Chronic lymphocytic leukemia/small lymphocytic lymphoma

Kansas (Peterson Laboratory Services) - Skin manifestation of SLL/CLL

Maryland, Baltimore - Leukemia cutis with CLL

Maryland (Oakwood Hospital) - Cutaneous small lymphocytic lymphoma (1); CLL involving skin (1)

Nebraska (Veterans Affairs Medical Center) - Chronic lymphocytic leukemia

New Mexico, Albuquerque - Diffuse large B-cell lymphoma

Ohio, Columbus - Skin, soft tissue buttock, lymphoma, small B-cell type

Texas, Victoria - Small cell lymphocytic lymphoma

Hong Kong (Hong Kong Baptist Hospital) - B-cell chronic lymphocytic lymphoma

Diagnosis:

Small cell lymphocytic lymphoma, buttock

Refs:

Prognostic factors influencing survival in patients with B-cell small lymphocytic lymphoma.

Am J Hematol 2004 Sep;77(1): p31-5

Nola M; Pavletic SZ, et al.

Reassessment of small lymphocytic lymphoma in the era of monoclonal B-cell lymphocytosis.

Haematologica 2011 Aug;96(8): p1144-52

Gibson SE; Swerdlow SH, et al.

Composite chronic lymphocytic leukemia/small lymphocytic lymphoma and follicular lymphoma are biclonal lymphomas: a report of two cases.

Am J Clin Pathol 2012 Apr;137(4): p647-59

Boiocchi L; Witter RE, et al.

Increased trisomy 12 frequency and a biased IgVH 3-21 gene usage characterize small lymphocytic lymphoma.

Leuk Res 2010 May;34(5): p580-4

Daudignon A; Poulain S, et al.

Auer rod-like inclusions in a low-grade B-cell leukemia.

Ann Diagn Pathol 2010 Aug;14(4): p292-5

Hristov AC; Saladino A, et al.

Case #10

Fontana (Kaiser Permanente) - Diffuse large B-cell lymphoma

Woodland Hills (Kaiser Permanente) - Follicular lymphoma, grade 3

Arkansas (The Lab of Pathology, P.A.) - Diffuse large B-cell lymphoma

Georgia, Atlanta - Diffuse large B-cell lymphoma

Kansas (Peterson Laboratory Services) - Grade 3 follicular lymphoma

Maryland, Baltimore - Pleomorphic mantle cell lymphoma

Maryland (Oakwood Hospital) - Diffuse large cell B-cell lymphoma (2)

Nebraska (Veterans Affairs Medical Center) - Diffuse large B-cell lymphoma (germinal center type)

New Mexico, Albuquerque - Angioimmunoblastic T-cell lymphoma

Ohio, Columbus - Lymph node, right axilla, lymphoma, large B-cell type

Texas, Victoria - Diffuse large B-cell lymphoma

Hong Kong (Hong Kong Baptist Hospital) - Diffuse large B-cell lymphoma

Diagnosis:

Diffuse large B-cell lymphoma c/w activated B-cell subtype, axillary lymph node

Refs:

Helicobacter pylori eradication as exclusive treatment for limited-stage gastric diffuse large B-cell lymphoma: results of a multicenter phase 2 trial.

Blood 2012 Nov 1;120(18): p3858-60

Ferreri AJ; , et al.

Primary cutaneous diffuse large B-cell lymphoma leg type presenting with hemophagocytic syndrome.

J Am Acad Dermatol 2012 Nov;67(5): pe222-3

Jamil A; Nadzri N, et al.

Double-hit diffuse large B-cell lymphoma.

J Clin Oncol 2012 Oct 1;30(28): p3439-43

Friedberg JW

Primary cutaneous diffuse large B-cell lymphoma, leg type: diagnostic considerations.

Arch Pathol Lab Med 2012 Aug;136(8): p876-81

Hristov AC

Diffuse large B-cell lymphoma: current strategies and future directions.

Cancer Control 2012 Jul;19(3): p204-13

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