

**California Tumor Tissue Registry's
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"General Surgical Pathology"

Case 1

A 41 y/o woman presented with dysphagia and "heart burn". An esophageal biopsy was performed. PAS and Gram stains were negative.

Dx:

Eosinophilic esophagitis

Comparison of histological parameters for the diagnosis of eosinophilic oesophagitis versus gastro-oesophageal reflux disease on oesophageal biopsy material.

Histopathology 2008 Dec;53(6): p676-84

Mueller S; Neureiter D; Aigner T; Stolte M

Eosinophilic esophagitis in adults, an emerging cause of dysphagia. Description of 9 cases.

Rev Esp Enferm Dig 2005 Apr;97(4): p229-39

Lucendo Villarin AJ, et al.

Eosinophilic esophagitis in adults.

Gastroenterol Clin North Am 2008 Jun;37(2): p349-68, v-vi

Prasad GA; Talley NJ

Clinical and pathological features of eosinophilic oesophagitis: a review.

Pathology 2008 Jan;40(1): p3-8

Chang F; Anderson S

Eosinophilic esophagitis: red on microscopy, white on endoscopy.

Digestion 2004;70(2): p109-16

Straumann A; Spichtin HP; Bucher KA; Heer P; Simon HU

Eosinophilic esophagitis in adults: an emerging disease.

Dig Dis Sci 2004 Nov-Dec;49(11-12): p1884-8

Lucendo AJ; Carrion G; Navarro M; Pascual JM; Gonzalez P; Castillo P;

Erdozain JC

Case 2

A 49 y/o woman presented with pelvic adenopathy. This material is from the resection. An HMB-45 is also provided.

Dx:

Lymphangiomyoma, pelvic lymph nodes

Lymphangiomyomatosis--immunohistochemical analysis of a case presenting with enlarged inguinal lymph nodes and without pulmonary involvement.

Acta Oncol 1989;28(2): p287-9
Osterborg A; Christensson B, et al.

Extrapulmonary lymphangiioleiomyomatosis presented as the asymptomatic retroperitoneal tumours--two cases report.

Comment In: RefSource:Pol J Pathol. 2007; 58(2):105/PMID:17715677

Pol J Pathol 2006;57(4): p205-7

Slodkowska J; Patera J, et al.

Lymphangiioleiomyomatosis and tuberous sclerosis complex.

Lung 2008 Jul-Aug;186(4): p197-207

Chorianopoulos D; Stratakos G

Lymphatic involvement in lymphangiioleiomyomatosis.

Ann N Y Acad Sci 2008;1131:206-14

Glasgow CG; Taveira-Dasilva AM; Darling TN; Moss J

Lymphangiioleiomyomatosis.

Cancer Control 2006 Oct;13(4): p276-85

Taveira-Da Silva AM; Steagall WK; Moss J

Lymphangiioleiomyomatosis: A review.

Comment In: RefSource:Eur J Intern Med. 2009 Jan; 20(1):e24/PMID:19237077

Eur J Intern Med 2008 Jul;19(5): p319-24

Hohman DW; Noghrehkar D; Ratnayake S

Case 3

A 56 y/o man presented with a 10 x 8 cm plaque on the left posterior thigh. A skin punch biopsy was performed

Dx:

Psoriasis, thigh

Is psoriasis a skin disease or a form of arthritis?

Duke Med Health News 2009 Aug;15(8): p8

Incidence and clinical predictors of psoriatic arthritis in patients with psoriasis: a population-based study.

Arthritis Rheum 2009 Feb 15;61(2): p233-9

Wilson FC; Icen M; Crowson CS; McEvoy MT; Gabriel SE; Kremers HM

Psoriasis and psoriatic arthritis: clinical features and disease mechanisms.

Clin Dermatol 2006 Sep-Oct;24(5): p438-47

Myers WA; Gottlieb AB; Mease P

Psoriasis and the risk of incident diabetes mellitus: a population-based study.

Br J Dermatol 2008 Dec;159(6): p1331-7

Brauchli YB; Jick SS; Meier CR

Case 4

A 27 y/o woman had a perianal nodule which was excised.

Dx:

Hidradenoma papilliferum, perianal

Hidradenoma papilliferum with a ductal carcinoma in situ component: case report and review of the literature.

Am J Dermatopathol 2008 Aug;30(4): p392-4

Vazmitel M; Spagnolo DV; Nemcova J; Michal M; Kazakov DV

An uncommon perianal nodule: hidradenoma papilliferum.

Gastroenterol Clin Biol 2007 Feb;31(2): p166-8

Daniel F; Mahmoudi A; de Parades V; Flejou JF; Atienza P

Mitotic count is not predictive of clinical behavior in hidradenoma papilliferum of the vulva: a clinicopathologic study of 19 cases.

Am J Dermatopathol 2006 Aug;28(4): p322-6

Sington J; Chandrapala R; Manek S; Hollowood K

Hidradenoma papilliferum with oxyphilic metaplasia: a clinicopathological study of 18 cases, including detection of human papillomavirus.

Am J Dermatopathol 2005 Apr;27(2): p102-10

Kazakov DV; Mikyskova I, et al.

Mammary-like gland adenoma of the vulva: review of 46 cases.

Pathology 2009;41(4): p372-8

Scurry J; van der Putte SC; Pyman J; Chetty N; Szabo R

Case 5

14 year old female presented with a right ovarian mass, weighing 52 grams, and measuring 6.0 x 4.0 x 2.0 cm. It was cystic and filled with hair and keratinaceous debris.

Dx:

Mature cystic teratoma with dysplastic compound nevus and severe atypia

(This case was reviewed by Dr. Martin Mihm - Massachusetts General Hospital)

Compound melanocytic nevus arising in a mature cystic teratoma of the ovary.

Pathol Int 2001 Nov;51(11): p902-4

Kuroda N; Hirano K, et al.

[Malignant melanoma arising from a cystic dermoid teratoma of the ovary]

Jugosl Ginekol Perinatol 1991 Jan-Apr;31(1-2): p37-9

Selak I; Doric M; Kapidzic M

Mutations of the KIT gene and loss of heterozygosity of the PTEN region in a primary malignant melanoma arising from a mature cystic teratoma of the ovary.

Cancer Genet Cytogenet 2009 Apr 1;190(1): p15-20

Tate G; Tajiri T; Suzuki T; Mitsuya T

Secondary malignancies in ovarian dermoid cyst.

Saudi Med J 2009 Apr;30(4): p524-8

Al-Rayyan ES; Duqoum WJet al.

Complications of dermoid tumors of the ovary.
Obstet Gynecol 1975 Jan;45(1): p89-94
Pantoja E; Rodriguez-Ibanez I; Axtmayer RW; Noy MA; Pelegrina I

Case 6

8 y/o male with a 4 cm mass in the left breast.

Dx:

Fibrous hamartoma, breast

Fibrous hamartoma of infancy.
J Am Acad Dermatol 1999 Nov;41(5 Pt 2): p857-9
Scott DM; Pena JR; Omura EF

Cytologic diagnosis of fibrous hamartoma of infancy: a case report.
Diagn Cytopathol 2003 May;28(5): p272-3
Mohanty SK; Dey P

Cytologic diagnosis of fibrous hamartoma of infancy: a case report of a rare soft tissue lesion.
Acta Cytol 2008 Mar-Apr;52(2): p201-3
Gupta R; Singh S

A complex translocation (6; 12; 8)(q25; q24.3; q13) in a fibrous hamartoma of infancy.
Cancer Genet Cytogenet 2006 Dec;171(2): p115-8
Rougemont AL; Fetni R; Murthy S; Fournet JC

Fibrous hamartoma of infancy: an Italian multi-institutional experience.
J Am Acad Dermatol 2006 May;54(5): p800-3
Carretto E; Dall'Igna P, et al.

Case 7

Excision of a mass on the left index finger of a 19 y/o male.

Dx:

Fibroma of tendon sheath, finger

Mineralized fibroma of the tendon sheath presenting as a bursitis.
SO - Skeletal Radiol 2008 Dec;37(12): p1141-5
AU - Le Corroller T; Bouvier-Labit C; Sbihi A; Champsaur P

Fibroma of a tendon sheath at the wrist: a rare cause of compression of the median nerve.
Scand J Plast Reconstr Surg Hand Surg 2004;38(5): p314-6
Garrido A; Lam WL; Stanley PR

Fibroma of tendon sheath arising from the radio-ulnar joint.
Pathol Int 1999 Dec;49(12): p1089-92
Misawa A; Okada K; Hirano Y; Sageshima M

Fibroma of a tendon-sheath presenting as toe deformity.
Foot Ankle Int 2001 Jan;22(1): p59-61
Yamamoto T; Marui T; Mizuno K

Biology of tendon injury: healing, modeling and remodeling.
J Musculoskelet Neuronal Interact 2006 Apr-Jun;6(2): p181-90
Sharma P; Maffulli N

Case 8

67 y/o woman with a mass in the left neck/cervical area. It was 10 cm in greatest diameter.

Dx:

Elastofibroma, neck

Elastofibroma dorsi: elaboration of cytologic features and review of its pathogenesis.

Diagn Cytopathol 2000 Dec;23(6): p393-6
Mojica WD; Kuntzman T

Bilateral elastofibroma dorsi.

Ann Thorac Surg 2002 Feb;73(2): p630-2
Turna A; Yilmaz MA; Urer N; Bedirhan MA; Gurses A

Vimentin, smooth muscle actin, desmin, S-100 protein, p53, and estrogen receptor expression in elastofibroma and nodular fasciitis.

Ann Diagn Pathol 2002 Apr;6(2): p94-9
Kayaselcuk F; Demirhan B; Kayaselcuk U; Ozerdem OR; Tuncer I

Elastofibroma: diagnosis and treatment of six cases.

Am Surg 2009 Apr;75(4): p338-42
Burton AL; Federico AC; McMasters KM

"Aberrant elastic" in elastofibroma: an immunohistochemical and ultrastructural study.

Ultrastruct Pathol 1995 Jan-Feb;19(1): p45-50
Kahn HJ; Hanna WM

Case 9

20 y/o woman with a rapidly growing right face mass. The surgeon was certain that was a neoplasm.

Dx:

Nodular fasciitis, face

Nodular fasciitis of the head and neck.

J Laryngol Otol 2005 Jan;119(1): p8-11
Silva P; Bruce IA; Malik T; Homer J; Banerjee S

Myofibroblastic sarcoma vs nodular fasciitis: a comparative study of chromosomal imbalances.

Am J Clin Pathol 2009 May;131(5): p701-9
Meng GZ; Zhang HY; Zhang Z; Wei B; Bu H

Ultrastructural and immunohistochemical investigations of the giant cells in nodular fasciitis.

J Natl Med Assoc 1988 Jul;80(7): p770-5
Okoye MI; Watanabe I

Intraarticular nodular fasciitis--a rare lesion: clinicopathologic analysis of a series.

Am J Surg Pathol 2006 Feb;30(2): p237-41
Hornick JL; Fletcher CD

Dermal nodular fasciitis: three case reports of the head and neck and literature review.

J Cutan Pathol 2006 May;33(5): p378-82
Nishi SP; Brey NV; Sanchez RL

Case 10

A 66-year-old female underwent a mastectomy of the left breast.

Dx:

Coexistent DCIS and LCIS, left breast

Risk of invasive breast carcinoma among women diagnosed with ductal carcinoma in situ and lobular carcinoma in situ, 1988-2001.

Cancer 2006 May 15;106(10): p2104-12
Li CI; Malone KE; Saltzman BS; Daling JR

The management of lobular carcinoma in situ (LCIS). Is LCIS the same as ductal carcinoma in situ (DCIS)?

Eur J Cancer 2006 Sep;42(14): p2205-11
Lakhani SR; Audretsch W, et al.

DCIS and LCIS with multinucleated giant cells-a report of 4 cases.

Histopathology 2007 Apr;50(5): p669-71
Coyne JD

Lobular neoplasia in breast core needle biopsy specimens is not associated with an increased risk of ductal carcinoma in situ or invasive carcinoma.

Am J Clin Pathol 2002 May;117(5): p797-9
Renshaw AA; Cartagena N; Derhagopian RP; Gould EW

The dilemma of in situ carcinoma of the breast.

Int J Clin Pract 2001 Dec;55(10): p680-3
Fentiman IS