

**California Tumor Tissue Registry's
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"Pathology of Vascular Tumors"

Case 1

Erythematous nodule from trunk of a 72 y/o man.

Dx:

Capillary hemangioma, trunk

Treatment of lobular capillary hemangioma with the Nd:YAG laser:
retrospective case series of 25 patients.
J Cutan Med Surg 2009 May-Jun;13(3): p181-2
Bedard MS; Boulanger J

Multiple capillary hemangiomas: a distinctive lesion of multicentric
Castleman's disease and POEMS syndrome.
Indian J Dermatol Venereol Leprol 2008 Jul-Aug;74(4): p364-6
Misri R; Kharkar V; Dandale A; Patel V; Mahajan S; Khopkar U

A case of lobular capillary hemangioma (pyogenic granuloma), localized to the
subcutaneous tissue, and a review of the literature.
SO - Am J Dermatopathol 2007 Aug;29(4): p408-11
AU - Fortna RR; Junkins-Hopkins JM

Human herpesvirus-8-positive microvenular hemangioma in POEMS syndrome.
Arch Pathol Lab Med 2003 Aug;127(8): p1034-6
Hudnall SD; Chen T; Brown K; Angel T; Schwartz MR; Tying SK

Lobular capillary hemangiomas: An epidemiologic report, with emphasis on
cutaneous lesions.
J Am Acad Dermatol 2000 Jun;42(6): p1012-6
Harris MN; Desai R; Chuang TY; Hood AF; Mirowski GW

Case 2

3 cm mass in the thigh of an 8 y/o boy.

Dx:

Cavernous hemangioma, thigh

Unusual locations for cavernous hemangiomas: report of two cases and review
of the literature.
Acta Neurochir (Wien 2005 Oct;147(10): p1091-6; discussion 1096
Dorner L; Buhl R; Hugo HH; Jansen O; Barth H; Mehdorn HM

An uncommon polyp in the colon: a pedunculated cavernous hemangioma.
Endoscopy 2008 Sep;40 Suppl 2:E127
van Deursen CT; Buijs J; Nap M

Diffuse cavernous hemangioma of the spleen with Kasabach-Merritt syndrome misdiagnosed as idiopathic thrombocytopenia in a child.

World J Pediatr 2008 Aug;4(3): p227-30

Tang JY; Chen J; Pan C; Yin MZ; Zhu M

Intramuscular cavernous hemangioma.

Am J Surg 2008 Jun;195(6): p816-7

Melman L; Johnson FE

A huge mass destroying the fifth rib: a rare case of cavernous haemangioma.

Acta Chir Belg 2007 Jul-Aug;107(4): p454-6

Sirmali M; Turut H; Findik G; Agackiran Y; Kaya S

Case 3

Adult male with a well-circumscribed mass in the spleen, found by CT scan for pelvic pain.

Dx:

Littoral cell hemangioma, spleen

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; Cai G; Yang GC

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.

Image of the month. Littoral cell angioma.

Arch Surg 2005 Nov;140(11): p1127-8

Cheng SP; Yang TL, et al.

Littoral-cell angioma as a cause of splenomegaly.

N Engl J Med 2001 Sep 6;345(10): p772-3

Dascalescu CM; Wendum D; Gorin NC

Littoral cell angioma with severe thrombocytopenia.

Ann Hematol 2000 Jan;79(1): p46-9

Espanol I; Lerma E; Fumanal V, et al.

Splenic vascular tumors.

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

Kutok JL; Fletcher CD

Case 4

72 y/o woman with a 0.5 x 0.4 x 0.4 nodule in the left thumb. It was mildly painful.

Dx:

Glomus tumor, thumb

Glomus tumor and glomangioma of the nerve. Report of two cases.
J Neurosurg 2008 Feb;108(2): p348-56
Scheithauer BW; Rodriguez FJ, et al.

Gastric glomus tumor.
Ann Diagn Pathol 2004 Feb;8(1): p32-5
Kapur U; Hobbs CM; McDermott E; Mooney EE

Extradigital glomus tumors: a 20-year experience.
Mayo Clin Proc 2006 Oct;81(10): p1337-44
Schiefer TK; Parker WL, et al.

Bluish nodules on the trunk and arms.
Arch Dermatol 2005 Dec;141(12): p1595-600
Badziak D; Martins LE, et al.

Glomus tumors in patients of advanced age: a conservative approach.
Laryngoscope 2008 Feb;118(2): p270-4
Cosetti M; Linstrom C, et al.

Glomus tumor of the duodenum: a case report.
Int J Surg Pathol 2004 Oct;12(4): p411-4
Jundi M; Lack EE, et al.

Case 5

A 63 y/o white woman noticed this lobulated, 3.5 cm mass in the left pectoral area. Duration was unknown.

Dx:

Glomangiosarcoma, pectoral region
(case diagnosed by soft tissue branch of the AFIP)

Malignant glomus tumor: a case report and review of literature, focusing on its clinicopathologic features and immunohistochemical profile.
Am J Dermatopathol 2005 Oct;27(5): p428-31
Khoury T; Balos L, et al.

Malignant glomus tumor arising among multiple glomus tumors.
J Orthop Sci 2008 Sep;13(5): p472-5
Hayashi M; Kitagawa Y, et al.

Test and teach. An uncommon cause of cutaneous swelling of the thigh.
Malignant glomus tumour.
Pathology 2004 Feb;36(1): p82-5
Tan HW; Chuah KL; Tan PH; Ong BH

Glomangiosarcoma of the hypothenar eminence: a case report.
Chir Main 2005 Jun-Aug;24(3-4): p199-202
Perez de la Fuente T; Vega C, et al.

Tracheal glomangiosarcoma with multiple skin metastasis.
J Dermatol 2004 Sep;31(9): p776-8
Yu DK; Cho KH; Kim YJ; Heo DS

Case 6

76 y/o male with left lower lobe resection of 2 pulmonary nodules. They were well circumscribed, white tan 1.3 and 2.3 cm in greatest diameter. CD31+, CD34+, vimentin+, HF8+/-, CD-.

Dx:

Epithelioid hemangioendothelioma (IVBAT), lung

[Epithelioid hemangioendothelioma of the lung (IVBAT)--clinicopathological and immunohistochemical analysis of 11 cases]

Pathologe 2006 Mar;27(2): p106-15

Einsfelder B; Kuhn C

Pulmonary epithelioid hemangioendothelioma: report of a case with fine needle aspiration biopsy.

Acta Cytol 2006 Jul-Aug;50(4): p455-9

Carretero A; Elmberger PG, et al.

Primary pleural epithelioid hemangioendothelioma with rhabdoid phenotype: report and review of the literature.

Diagn Cytopathol 2007 Apr;35(4): p203-8

Saqi A; Nisbet L, et al.

Pulmonary epithelioid hemangioendothelioma mimicking mesothelioma.

Pathol Int 2008 Nov;58(11): p730-4

Bahrami A; Allen TC; Cagle PT

Cutaneous epithelioid hemangioendothelioma.

J Cutan Pathol 2008 Feb;35(2): p236-40

Clarke LE; Lee R, et al.

Case 7

9.0 cm hemorrhagic tumor involving the scalp of a 75 y/o man.

Dx:

Angiosarcoma, scalp

Angiosarcoma of the scalp mimicking a sebaceous cyst.

Dermatol Online J 2008;14(6): p13

Pan Z; Albertson D, et al.

Metastatic angiosarcoma of the scalp causing Kasabach-Merritt syndrome.

Am J Med Sci 2007 May;333(5): p293-5

Salameh F; Henig I, et al.

Angiosarcoma of the scalp.

Am Surg 2008 Dec;74(12): p1228-30

Stokes MC; Bennett J, et al.

Angiosarcoma of the scalp.

Otolaryngol Head Neck Surg 2008 Feb;138(2): p255-6

Rajinikanth J; Gaikwad P, et al.

Well-differentiated angiosarcoma of the scalp: an unusual clinical presentation.

J Am Acad Dermatol 2005 Feb;52(2 Suppl 1): p58-9

Chapas AM; Askarian F, et al.

Case 8

Consultation slide from LL VAMC of a 4 cm erythematous mass on the forehead of an adult male.

Dx:

Angiosarcoma, forehead

Fungating forehead plaque: angiosarcoma.

Arch Dermatol 2006 Aug;142(8): p1059-64

Lockshin BN; Billings SD, et al.

Violaceous plaque on the forehead clinically resembling angiosarcoma: cutaneous metastasis in a patient with prostatic adenocarcinoma.

J Am Acad Dermatol 2005 Oct;53(4): p744-5

Boswell JS; Davis MD

Two cases of angiosarcoma of the face.

J Dermatol 2004 Jan;31(1): p47-50

Kikuchi H; Kurokawa M; Setoyama M

Cutaneous angiosarcoma of the head and neck: report of 23 cases from a single institution.

Otolaryngol Head Neck Surg 2008 Oct;139(4): p519-24

Kohler HF; Neves RI, et al.

Case 9

82 y/o woman with multiple hemorrhagic nodules in the breast. Lesion was recurrent. See also gross figures (.jpgs used in a CTTR Case of the Month).

Dx:

Angiosarcoma, breast

Diagnostic cytopathology in type II angiosarcoma of the breast: a case report.

Acta Cytol 2005 Sep-Oct;49(5): p560-6

Kiyozuka Y; Koyama H, et al.

Primary angiosarcoma of the breast.

Surgery 2007 Jun;141(6): p821-2

Tiwary SK; Singh MK, et al.

Skin angiosarcoma arising in an irradiated breast: case-report and literature review.

Dermatol Surg 2006 Mar;32(3): p447-55

Catena F; Santini D, et al.

Angiosarcoma of the breast.
Cancer 2005 Dec 15;104(12): p2682-8
Vorburger SA; Xing Y, et al.

Angiosarcomas of the breast: a review of 70 cases.
Am J Clin Oncol 2007 Dec;30(6): p570-3
Hodgson NC; Bowen-Wells C, et al.

Angiosarcoma after radiotherapy: a cohort study of 332,163 Finnish cancer patients.
Br J Cancer 2007 Jul 2;97(1): p115-7
Virtanen A; Pukkala E; Auvinen A

Case 10

31 y/o physician with a retroviral disease and associated immunodeficiency. A PE showed cervical lymphadenopathy. No skin lesions were found. He had a chronic cough but sputum was negative for mycobacterium or PCP. Immuno stains for epithelial, neural, melanocytic and lymphoid origins were negative. No evidence of fungal or AFB. CD31 and CD34 positive.

Dx:

Kaposi sarcoma, cervical lymph node(s)

Simultaneous occurrence of Hodgkin's lymphoma and Kaposi's sarcoma within the same lymph nodes of a non-AIDS patient.
Int J Surg Pathol 2006 Jan;14(1): p85-8
Ngan KW; Kuo TT

Kaposi's sarcoma-associated herpesvirus/human herpesvirus 8 infection in reactive lymphoid tissues: a model for KSHV/HHV-8-related lymphomas?
Hum Pathol 2006 Jan;37(1): p23-31
Lazzi S; Bellan C, et al.

Human herpesvirus 8 infections in patients with immunodeficiencies.
Hum Pathol 2008 Jul;39(7): p983-93
Laurent C; Meggetto F; Brousset P

Cutaneous and lymphadenopathic Kaposi's sarcoma: a case report and review of literature.
J Cutan Pathol 2008 Jun;35(6): p575-8
Hussein MR

Relationship between the quantity of Kaposi sarcoma-associated herpesvirus (KSHV) in peripheral blood and effusion fluid samples and KSHV-associated disease.
J Infect Dis 2007 Oct 15;196(8): p1163-6
Marcelin AG; Motol J, et al.