

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

Case 1

An 8 year old boy presented with a right mandibular mass. It was radiolucent, 5 cm in greatest diameter, and cystic, containing black fluid.

Dx:

Ameloblastic fibroma, mandible

Ameloblastic fibroma: a review of published studies with special reference to its nature and biological behavior.

Oral Oncol 2007 Nov;43(10): p960-9

Chen Y; Wang JM; Li TJ

Malignant transformation of ameloblastic fibroma to ameloblastic fibrosarcoma: case report and review of the literature.

J Craniomaxillofac Surg 2005 Oct;33(5): p352-5

Kobayashi K; Murakami R; Fujii T; Hirano A

Peripheral ameloblastic fibroma of the maxilla: report of a case and review of the literature.

Oral Surg Oral Med Oral Pathol Oral Radiol Endod 2008 May;105(5): pe46-8

Abughazaleh K; Andrus KM; Katsnelson A; White DK

Ameloblastic fibroma and related lesions: a clinicopathologic study with reference to their nature and interrelationship.

J Oral Pathol Med 2005 Nov;34(10): p588-95

Chen Y; Li TJ; Gao Y; Yu SF

Ameloblastic carcinoma ex ameloblastoma of the mandible: case report.

Otolaryngol Head Neck Surg 2004 May;130(5): p633-4

Cizmeci O; Aslan A; Onel D; Demiryont M

Case 2

A 7 year old boy with arrhythmias presented with a 4.9 cm mass involving the right atrial-ventricular region. It was multicystic and focally hemorrhagic.

Dx:

Inflammatory myofibroblastic tumor of the heart

Inflammatory myofibroblastic tumor with valvular involvement: a case report and review of the literature.

Cardiovasc Pathol 2007 Nov-Dec;16(6): p359-64

Butany J; Dixit V; Leong SW; Daniel LB; Mezody M; David TE

Cardiac inflammatory myofibroblastic tumor as a rare cause of aortic regurgitation: a case report.

J Thorac Cardiovasc Surg 2006 Jul;132(1): p150-1

Su JW; Caleb MG; Tan RS; Low AF; Lim CH

Multiple cardiac inflammatory myofibroblastic tumors in the right ventricle in an infant.

Ann Thorac Surg 2006 Oct;82(4): p1531-5

Tian JT; Cheng LC; Yung TC

Low-grade myofibroblastic sarcoma of the heart causing sudden death.

Cardiovasc Pathol 2008 Jan-Feb;17(1): p55-9

Eisenstat J; Gilson T; Reimann J; Sampson B

Heart tumors in children and adults: clinicopathological study of 59 patients from a surgical center.

Cardiovasc Pathol 2007 Jan-Feb;16(1): p22-8

Thomas-de-Montpreville V; Nottin R; Dulmet E; Serraf A

Case 3

A 65 year old woman presented with a left labium majora mass, clinically felt to be a lipoma. The excised specimen was "rubbery" and measured 0.5 x 0.4 x 0.4 cm.

Dx:

Chondroid syringoma (mixed tumor), labium majora

Vulvar syringomas in a 9-year-old child with review of the literature.

Pediatr Dermatol 2006 Jul-Aug;23(4): p369-72

Garman M; Metry D

Chondroid syringoma of the scrotum.

Int J Urol 2008 Oct;15(10): p944-5

Okuda H; Tei N; Shimizu K; Imazu T; Yoshimura K; Kiyohara H

[Chondroid syringoma: a clinical and histological review of eight cases]

Actas Dermosifiliogr 2006 Nov;97(9): p573-7

Villalon G; Monteagudo C; Martin JM; Ramon D; Alonso V; Jorda E

[Primary pleomorphic adenoma (chondroid syringoma) of the external auditory canal. Case report and literature review]

Acta Otorrinolaringol Esp 2008 May;59(5): p252-3

Lopez Campos D; Campos Banales ME; Lopez Aguado D

Case 4

A 35 year old man presented with a 1 cm mass involving the left forearm. It was cystic and filled with red-tan material.

Dx:

Trichilemmal cyst, forearm

Clinicopathologic features of epidermal cysts of the sole: comparison with traditional epidermal cysts and trichilemmal cysts.

J Cutan Pathol 2005 Apr;32(4): p280-5

Shimizu Y; Sakita K; Arai E; Tsuchida T; Ogawa F; Ban S; Mitsushashi T; Hirose T; Shimizu M

Giant trichilemmal cyst at the neck region.

J Craniofac Surg 2009 May;20(3): p961-2

Karaman E; Duman C; Yagiz C

Trichilemmal cyst nevus: a new complex organoid epidermal nevus.

J Am Acad Dermatol 2007 Nov;57(5 Suppl): pS72-7

Tantcheva-Poor I; Reinhold K; Krieg T; Happle R

Proliferating trichilemmal tumors: a review of the literature.

Dermatol Surg 2007 Sep;33(9): p1102-8

Satyaprakash AK; Sheehan DJ; Sanguenza OP

Trichilemmal cyst in the pulp of the index finger: a case report.

Hand Surg 2003 Dec;8(2): p253-5

Ikegami T; Kameyama M; Orikasa H; Yamazaki K

Cytodiagnosis of simple and proliferating trichilemmal cysts.

Acta Cytol 2001 Jul-Aug;45(4): p582-8

Shet T; Rege J; Naik L

Case 5

A 70 year old man with a history of nicotine dependence, emphysema, and cataracts presented with a 3 day history of right-sided vision loss and headache. A temporal artery biopsy was performed.

Dx:

Giant cell arteritis (temporal arteritis)

The importance of skip lesions in temporal arteritis.

J Clin Pathol 2000 Feb;53(2): p137-9

Poller DN; van Wyk Q; Jeffrey MJ

Temporal artery biopsy: is there any value in examining biopsies at multiple levels?

J Clin Pathol 2000 Feb;53(2): p131-6

Chakrabarty A; Franks AJ

Bilateral temporal arteritis.

J Am Acad Dermatol 2002 Feb;46(2 Suppl Case Reports): pS14-5

Coors EA; Simon M

Juvenile temporal arteritis is a manifestation of Kimura disease.

Am J Dermatopathol 2002 Feb;24(1): p43-9

Watanabe C; Koga M; Honda Y; Oh-IT

Absence of detection of varicella-zoster virus DNA in temporal artery biopsies obtained from patients with giant cell arteritis.
J Neurol Sci 2003 Nov 15;215(1-2): p27-9
Kennedy PG; Grinfeld E; Esiri MM

Calcification of the internal elastic membrane in temporal arteries: its relation to age and gender.
Comment In: RefSource:Clin Exp Rheumatol. 2002 Nov-Dec; 20(6):875-6; author reply 876
Clin Exp Rheumatol 2001 Sep-Oct;19(5): p565-8
Nordborg C; Nordborg E; Petursdottir V; Fyhr IM

Case 6

A 33 year old woman presented with a 0.6 cm intradural lumbar mass.

Dx:

Myxopapillary ependymoma, intradural, lumbar

Myxopapillary ependymoma: cytomorphologic characteristics and differential diagnosis.

Diagn Cytopathol 2002 Apr;26(4): p247-50
Kulesza P; Tihan T; Ali SZ

Lumbar myxopapillary ependymoma mimicking neurofibroma.
Spinal Cord 2001 Aug;39(8): p449-52
Bavbek M; Altinors MN; Caner HH; Bilezikci B; Agildere M

Squash cytology of intradural myxopapillary ependymoma.
Acta Cytol 2002 Mar-Apr;46(2): p428-30
Ortega L; Jimenez-Heffernan JA; Sanz E; Ortega P

Cytomorphologic features of myxopapillary ependymoma: a review of 13 cases.
Acta Cytol 2009 May-Jun;53(3): p297-302
Takei H; Kosarac O; Powell SZ

Comparison of cytological features of myxopapillary ependymomas on crush preparations.

Diagn Cytopathol 2009 Aug;37(8): p607-12
Bradly DP; Reddy VB; Cochran E; Gattuso P

Myxopapillary ependymoma of the ischioanal fossa.

Br J Radiol 2003 Sep;76(909): p659-61
Cappabianca S; Barberi A; Grassi R; Lieto E; Fulciniti F; Galizia G

Case 7

A 32 year old man presented with a 3.0 cm in the right arm. It was yellow-tan and lobulated.

Dx:

Angiolymphoid hyperplasia with eosinophilia (Kimura's disease), arm

Kimura disease.

Arch Pathol Lab Med 2007 Apr;131(4): p650-1

Abuel-Haija M; Hurford MT

Kimura disease: a clinicopathologic study of 21 cases.

Am J Surg Pathol 2004 Apr;28(4): p505-13

Chen H; Thompson LD; Aguilera NS; Abbondanzo SL

Angiolymphoid hyperplasia with eosinophilia.

Pediatr Dermatol 1984 Jan;1(3): p210-4

Nelson DA; Jarratt M

Angiolymphoid hyperplasia with eosinophilia in the hand: a case report.

J Hand Surg Br 1990 Aug;15(3): p376-7

Risitano G; Gupta A; Burke F

Juvenile temporal arteritis associated with Kimura's disease.

APMIS 2005 May;113(5): p379-84

Fukunaga M

Human herpesvirus-8 is not associated with angiolymphoid hyperplasia with eosinophilia.

J Cutan Pathol 2004 Oct;31(9): p612-5

Bhattacharjee P; Hui P; McNiff J

Case 8

A 52 year old man presented with fever, polyclonal gammopathy, anemia and a retroperitoneal mass. When removed it measured 7 x 6 x 4 cm and was pale brown, solid, and somewhat fleshy.

CD20 follicles positive

CD43 interfollicular areas and scattered cells in follicles positive

BCL-2 follicles negative

Kappa & Lambda polyclonal staining

HHV-8 positive

Dx:

Castleman's disease, plasma cell variant, retroperitoneum

[Retroperitoneal Castleman's disease. A report of two cases and analysis of the literature]

Chir Ital 2007 Jan-Feb;59(1): p53-61

Ridolfini MP; Rotondi F; Gourgiotis S; Alfieri S; Di Miceli D; Larocca LM;

Doglietto GB

The aetiology and management of Castleman disease at 50 years: translating pathophysiology to patient care.

Br J Haematol 2005 Apr;129(1): p3-17

Casper C

Are multicentric Castleman's disease with cutaneous plasmacytosis and systemic plasmacytosis the same entity?

Histopathology 2006 Nov;49(5): p557-8

Kayasut K; Le Tourneau A; Rio B; Bost-Bezeaud F; Heuberger L; Diebold J;

Audouin J

Multicentric plasma cell variant of Castleman's disease with cutaneous involvement.

J Cutan Pathol 2004 Jul;31(6): p448-52

Klein WM; Rencic A; Munshi NC; Noursari CH

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

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

Gomez-Raposo C; Nistal M; De Castro Carpeno J; Sosa Rotundo G; Belda-Iniesta C; Casado E; Gonzalez Baron M

Case 9

A 3 year old girl was found to have a suprasellar and intraventricular mass associated with hydrocephalus. The excised specimen consisted of a 2.0 x 1.0 x 0.6 cm aggregate of pink-tan, membranous material intermixed with yellow-tan fragments of soft tissue and bone.

Dx:

Craniopharyngioma, adamantinomatous type, suprasellar and intraventricular

Intraventricular adamantinomatous craniopharyngioma in a child.

Neurol India 2008 Apr-Jun;56(2): p207-9

Agrawal R; Misra V; Singla M; Chauhan SC; Singh PA

Craniopharyngioma: a clinicopathological study of 141 cases.

Endocr Pathol 2004 Winter;15(4): p339-44

Tavangar SM; Larijani B; Mahta A; Hosseini SM; Mehrazine M; Bandarian F

Possible linkage between specific histological structures and aberrant reactivation of the Wnt pathway in adamantinomatous craniopharyngioma.

J Pathol 2004 Jul;203(3): p814-21

Kato K; Nakatani Y; Kanno H; Inayama Y; Ijiri R; Nagahara N; Miyake T; Tanaka M; Ito Y; Aida N; Tachibana K; Sekido K; Tanaka Y

Comparative genomic hybridization analysis of pediatric adamantinomatous craniopharyngiomas and a review of the literature.

J Neurosurg 2004 Aug;101(1 Suppl): p85-90

Yoshimoto M; de Toledo SR; da Silva NS; Bayani J; Bertozzi AP; Stavale JN; Cavalheiro S; Andrade JA; Zielenska M; Squire JA

Common mutations of beta-catenin in adamantinomatous craniopharyngiomas but not in other tumours originating from the sellar region.

Acta Neuropathol 2005 Jun;109(6): p589-97

Buslei R; Nolde M; Hofmann B; Meissner S; Eyupoglu IY; Siebzehnrbuhl F; Hahnen E; Kreutzner J; Fahlbusch R

Immunohistochemical localisation of cytokeratins in craniopharyngioma.

Acta Neurochir (Wien 2001;143(2): p147-51

Kurosaki M; Saeger W; Ludecke DK

Case 10

A 60 year old man presented with variable abdominal pain and a left renal mass. A nephrectomy

revealed a 5.2 x 4.2 cm white-tan, firm poorly circumscribed tumor appearing to have arisen from the renal hilum with extension to the adrenal gland.

Dx:

Collecting duct carcinoma, kidney & adrenal

Renal collecting (Bellini) duct carcinoma displays similar characteristics to upper tract urothelial cell carcinoma.

Urology 2005 Jan;65(1): p49-54

Orsola A; Trias I; Raventos CX; Espanol I; Cecchini L; Orsola I

Cytological features of carcinoma of the collecting ducts of Bellini in voided urine cytology.

Diagn Cytopathol 2009 Sep;37(9): p676-9

Ohsaki H; Hirakawa E; Kushida Y; Kadota K; Ishikawa M; Haba R

Collecting duct renal cell carcinoma: two different clinical stages, two different clinical outcomes.

Urol Int 2008;81(1): p116-8

Vazquez-Lavista LG; Uribe-Uribe N; Gabilondo-Navarro F

Collecting duct (Bellini duct) renal cell carcinoma: a nationwide survey in Japan.

J Urol 2006 Jul;176(1): p40-3; discussion 43

Tokuda N; Naito S; Matsuzaki O; Nagashima Y; Ozono S; Igarashi T

Cortically located collecting duct carcinoma.

Urology 2005 Jun;65(6): p1226

Gurocak S; Sozen S; Akyurek N; Uluoglu O; Alkibay T