

**California Tumor Tissue Registry's  
Subscription "C" - Vol 4(1)  
September, 2010**

***"Fatty Tumors and Tumor-Like Conditions"***  
(Additional Fatty lesions will be in Vol 4(6), March 2011)

**Case 1**

7 mo old female with a mass involving the right ankle.

**Dx:**

Lipoblastoma, ankle

Differential diagnosis of lipoma-like lipoblastoma.

Pediatr Blood Cancer 2009 Jan;52(1): p132-4

Morerio C; Nozza P; Tassano E; Rosanda C; Granata C; Conte M; Panarello C

Cytological features of lipoblastoma: a report of three cases.

Diagn Cytopathol 2005 Sep;33(3): p195-200

Kloboves-Prevodnik VV; Us-Krasovec M; Gale N; Lamovec J

Lipoblastoma and lipoblastomatosis in infancy and childhood: histopathologic, ultrastructural, and cytogenetic features.

Ultrastruct Pathol 2001 Jul-Aug;25(4): p321-33

Hicks J; Dilley A; Patel D; Barrish J; Zhu SH; Brandt M

Lipoblastoma (LPB): a clinicopathologic and immunohistochemical analysis of 59 cases.

Am J Surg Pathol 2009 Nov;33(11): p1705-12

Coffin CM; Lowichik A; Putnam A

Giant mesenteric lipoblastoma in a 4-year-old child.

J Pediatr Surg 2009 Apr;44(4): p859-61

Tang XB; Zhang T; Bai YZ; Wang WL

**Case 2**

42 y/o woman with a painless mass on her back which gradually enlarged over 3 years. Exam showed a soft, movable, non-tender 3.1 cm paraspinal mass just below the scapula at T10 area. It was grossly considered a lipoma.

It was 60 grams and well circumscribed.

No recurrence after 6 months.

**Dx:**

Hibernoma, back

Intrathoracic hibernoma: report of two cases.

Lung Cancer 2009 Jun;64(3): p367-70

Hertoghs M; Van Schil P; Rutsaert R; Van Marck E; Vallaey J

Intramuscular hibernoma.

J Eur Acad Dermatol Venereol 2009 Jan;23(1): p106-7

Sugiura K; Sugiura M; Morihito T; Itoh A

Characterization of the myxoid variant of hibernoma.

Ann Diagn Pathol 2006 Apr;10(2): p104-6

Chirieac LR; Dekmezian RH; Ayala AG

Recurrence and bleeding in hibernomas.

Clin Orthop Relat Res 2005 Sep;438:137-43

Ogilvie CM; Torbert JT; Hosalkar HS; Stopyra GA; Lackman RD

Hibernoma of the right back.

Orthopedics 2007 Jun;30(6): p495-6

Saito M; Tsuji Y; Murata H; Kanemitsu K; Makinodan A; Ikeda T; Konishi E; Kubo T

### **Case 3**

20 cm retroperitoneal tumor in a 63 y/o male.

#### **Dx:**

Myelolipoma, retroperitoneum

Composite adenomatoid tumor and myelolipoma of adrenal gland: report of 2 cases.

Arch Pathol Lab Med 2008 Feb;132(2): p265-7

Timonera ER; Paiva ME; Lopes JM; Eloy C; van der Kwast T; Asa SL

Extra-adrenal myelolipoma in the renal hilum: a case report and review of the literature.

Arch Pathol Lab Med 2006 Jul;130(7): p1049-52

Talwalkar SS; Shaheen SP

Fine-needle aspiration of a presacral myelolipoma.

Diagn Cytopathol 2006 Jan;34(1): p29-30

Gong Y; Sun X

Adrenal myelolipomas show nonrandom X-chromosome inactivation in hematopoietic elements and fat: support for a clonal origin of myelolipomas.

Am J Surg Pathol 2006 Jul;30(7): p838-43

Bishop E; Eble JN; Cheng L; Wang M; Chase DR; Orazi A; O'Malley DP

Primary mediastinal myelolipoma.

Ann Thorac Surg 2008 May;85(5): p1805-6

Vaziri M; Sadeghipour A; Pazooki A; Shoolami LZ

Myelolipoma with adrenocortical adenoma: an unusual combination that can resemble carcinoma.

SO - Endocr Pathol 2007 Summer;18(2): p103-5

AU - Al-Brahim N; Asa S

#### **Case 4**

69 y/o woman had sudden colic pain in the left flank. X-ray revealed a mass occupying the upper pole of the left kidney. A left nephrectomy was performed.

The tumor was peri-renal, obliterating the upper pole. It was soft, friable, yellow-tan and "greasy".

No recurrence after 1 yr.

#### **Dx:**

Angiomyolipomas, peri-renal

Changing trends in presentation, diagnosis and management of renal angiomyolipoma: comparison of sporadic and tuberous sclerosis complex-associated forms.

Urology 2008 Nov;72(5): p1077-82

Seyam RM; Bissada NK; Kattan SA; Mokhtar AA; Aslam M; Fahmy WE; Mourad WA; Binmahfouz AA; Alzahrani HM; Hanash KA

Bilateral massive renal angiomyolipoma concurrent with oncocytoma in tuberous sclerosis complex associated with pulmonary lymphangioleiomyomatosis.

Urology 2008 Oct;72(4): p948.e7-9

Kobayashi M; Nakano K; Nukui A; Goto K; Morita T

Malignant hepatic angiomyolipoma: report of a case and review of literature.

Am J Surg Pathol 2008 May;32(5): p793-8

Nguyen TT; Gorman B; Shields D; Goodman Z

Retroperitoneal lipomatous angiomyolipoma associated with amyloid deposition masquerading as well-differentiated liposarcoma.

Pathol Int 2006 Oct;56(10): p638-41

Shimada S; Harada H; Ishizawa K; Hirose T

Renal epithelioid angiomyolipoma.

J Urol 2009 Nov;182(5): p2468-9

Bing Z; MacLennan GT

#### **Case 5**

26 y/o with a 20 yr hx of a left distal forearm mass which, at surgery, appeared encapsulated and measured 11 x 4 x 4 cm.

#### **Dx:**

Lipofibromatous hamartoma of nerve (Perineural lipoma), distal forearm

Lipofibromatous hamartoma of the median nerve. Three case reports.

J Plast Reconstr Aesthet Surg 2009 Sep;62(9): p314-7

Nardella D; Sohawon S; Carlier A

Lipofibromatous hamartoma of the radial nerve: a case report.

J Hand Surg Am 1980 May;5(3): p211-3

Herrick RT; Godsil RD; Widener JH

The natural history of a lipofibromatous hamartoma of the palm: a case report.

J Hand Surg Am 1993 Nov;18(6): p1029-31

Hauck RM; Banducci DR

Lipofibromatous hamartoma of nerve.

J Hand Surg Am 1988 Jan;13(1): p67-75

Amadio PC; Reiman HM; Dobyns JH

Case report: ten year follow-up of lipofibroma of the median nerve in the palm.

J Hand Surg Am 1977 Jul;2(4): p316-7

Rowland SA

Fibrolipomatous hamartoma of nerve arising in the brachial plexus.

J Hand Surg Br 1995 Feb;20(1): p16-8

Price AJ; Compson JP; Calonje E

### **Case 6**

28 y/o female with a 4.5 cm fatty tumor within the musculature of the right thigh.

#### **Dx:**

Intramuscular lipoma, thigh

Intramuscular benign lipoma of the sternocleidomastoid muscle: a rare cause of neck mass.

Eur Arch Otorhinolaryngol 2005 Feb;262(2): p148-50

Ozcan C; Gorur K; Talas D; Aydin O

Deep-seated, well differentiated lipomatous tumors of the chest wall and extremities: the role of cytogenetics in classification and prognostication.

Cancer 2005 Jan 15;103(2): p409-16

Bassett MD; Schuetze SM, et al.

Painful intramuscular lipoma of the thigh.

South Med J 2004 Nov;97(11): p1121-2

Gutknecht DR

Translocation (1;4;12)(q25;q27;q15) in a childhood intramuscular lipoma.

Cancer Genet Cytogenet 2005 Apr 1;158(1): p95-7

Bao L; Miles L

### **Case 7**

Mass in the distal arm of a 32 y/o male.

#### **Dx:**

Chondrolipoma, arm

Chondrolipoma of the toe.

J Dermatol 2007 Aug;34(8): p570-2

Ito R; Fujiwara M; Takagaki K; Nagasako R

Chondrolipoma of the hand: a case report.

Acta Orthop Belg 2004 Oct;70(5): p495-7

Kruger S; Kisse B; Stahlenbrecher A; Feller AC; Hoch J

Chondrolipoma in the palm of a child: sonographic and MR findings.

Clin Imaging 2004 May-Jun;28(3): p206-8

Candocia FJ; Barlev DM

Intermuscular chondrolipoma of the thigh: the diagnostic way of a rare entity.

Pathol Res Pract 2003;199(7): p503-7

Boltze C; Hribaschek A; Lippert H; Roessner A

Chondrolipoma of the breast: a case report and review of the literature.

Conn Med 1999 Jun;63(6): p327-9

Greer J; Marjani M; Lowell D

Chondrolipoma of the breast: a case report with cytological and histological examination.

Histopathology 1999 Nov;35(5): p478-9

Fushimi H; Kotoh K; Nishihara K; Fujinaka H; Takao T

### **Case 8**

30 y/o male with a 6.2 gram, 1.1 cm rubbery tan nodule in the subcutis of his chest. Several other similar nodules were present.

### **Dx:**

Angiolipomas, chest

Multiple subcutaneous angiolipomas associated with new-onset diabetes mellitus.

Int J Dermatol 2002 Nov;41(11): p783-5

Levitt J; Lutfi Ali SA; Sapadin A

Angiolipoma of the finger masquerading as flexor tenosynovitis.

Plast Reconstr Surg 1999 Sep;104(4): p1052-3

Weinzweig J; Minniti JG; Aswad BI; Bowen L

Angiolipoma presenting as a nasal mass: how rare a presentation?

Ear Nose Throat J 2008 Jul;87(7): p384-5

Rao SS; Panda NK; Saikia UN; Saravanan K

Subcutaneous angiolipomas: a clinicopathological study of 12 cases.

Indian J Pathol Microbiol 2005 Apr;48(2): p197-8

Punia RS; Jain P; Amanjit; Mohan H; Singh R

Anabolic steroids causing growth of benign tumors: androgen receptor in angiolipomas.

J Am Acad Dermatol 2007 Nov;57(5): p899-900

Syed SP; Brooks DG; Haupt HM; Bellucci K; Martin AM; Podolski V; Brooks JJ

### **Case 9**

47 y/o male with a 2.1 cm freely moveable well-delineated mass in the superficial tissues of the shoulder.

#### **Dx:**

Spindle cell lipoma, shoulder

Cellular angiofibroma is genetically similar to spindle cell lipoma: a case report.

Cancer Genet Cytogenet 2007 Sep;177(2): p131-4

Hameed M; Clarke K; Amer HZ; Mahmet K; Aisner S

Diagnostically challenging spindle cell lipomas: a report of 34 "low-fat" and "fat-free" variants.

Am J Dermatopathol 2007 Oct;29(5): p437-42

Billings SD; Folpe AL

Cellular angiofibroma: another mesenchymal tumour with 13q14 involvement, suggesting a link with spindle cell lipoma and (extra)-mammary myofibroblastoma.

Histopathology 2007 Sep;51(3): p410-2

Maggiani F; Debiec-Rychter M; Vanbockrijck M; Sciort R

Spindle cell lipoma: an uncommon tumour with distinctive morphology.

Cytopathology 2007 Apr;18(2): p123-5

Pathan SK; Kapila K; Al-Ayadhy B; Abdeen S

Spindle cell and pleomorphic lipoma: an ultrastructural study.

Ultrastruct Pathol 1995 Nov-Dec;19(6): p475-80

Pitt MA; Roberts IS; Curry A

Spindle cell lipoma.

Acta Pathol Microbiol Scand A 1976 Nov;84(6): p477-87

Angervall L; Dahl I; Kindblom LG; Save-Soderbergh

### **Case 10**

56 y/o male with a 3.5 cm mass in the subcutis of the right side of the back.

#### **Dx:**

Pleomorphic lipoma, back

Low-fat and fat-free pleomorphic lipomas: a diagnostic challenge.

Am J Dermatopathol 2009 Jul;31(5): p423-6

Sachdeva MP; Goldblum JR; Rubin BP; Billings SD

Fine-needle aspiration of a pleomorphic lipoma of the head and neck: a case report.

Diagn Cytopathol 2005 Feb;32(2): p110-3

Yong M; Raza AS; Greaves TS; Cobb CJ

Pleomorphic lipoma of the oral cavity. Report of a case.

Minerva Stomatol 2006 May;55(5): p321-5  
Perrotti V; Rubini C; Fioroni M; Iezzi G

Orbital pleomorphic lipoma in a 25-year-old male.  
Acta Ophthalmol Scand 2006 Jun;84(3): p442-3  
Hansen LH; Ehlers N; Heegaard S; Prause JU

Giant pleomorphic lipoma of the neck.  
Plast Reconstr Surg 2006 Feb;117(2): p692-3  
Karacal N; Gulcelik N; Sapan LA; Kutlu N