

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

**Case 1**

These are debridement tissues from the left chest wall in a 57 y/o female who had had radiation therapy to the area for breast carcinoma.

**Dx: Post-therapy radiation changes, chest wall**

Santa Rosa (Santa Rosa Memorial Hospital) - Infiltrating carcinoma with radiation effect (2); Radiation changes with fat necrosis and fibrosis, benign (1)  
Woodland Hills (Kaiser Permanente) - Radiation changes (fat necrosis and fibrosis)  
Alabama, Birmingham - Fat necrosis/radiation changes  
Alabama (Norwood Clinic) - Radiation sarcoma  
Arizona (Integrated Pathology) - Radiation changes  
Arkansas (The Laboratory of Pathology) - Fibrosis and fat necrosis  
Georgia, Atlanta - Ductal carcinoma with radiation change  
Kansas (Coffeyville Regional Medical Center) - Radiation changes  
Kansas (Peterson Laboratory Services) - Radiation induced change  
Massachusetts, Peabody - Chronic radiation dermatitis  
Massachusetts (Rhode Island Hospital-Lifespan) - Stromal atypia, s/p radiation therapy  
North Carolina (TriPath Oncology) - Radiation treatment effect, no residual carcinoma identified  
Ohio, Columbus - Skin, soft tissue, left chest wall, fibrosis, fat necrosis  
Pennsylvania (Conemaugh Memorial Medical Center) - Angiosarcoma  
Texas, Victoria - Post radiation effects  
Washington, Bothell - Reactive change  
Hong Kong (Hong Kong Baptist Hospital) - Post radiation necrosis and fungal infection  
Singapore (Locum/Freelance Practice) - Radiation changes and fat necrosis  
The Netherlands, Amstelveen - Radiotherapy associated stromal atypia and necrosis

Radiation-induced histopathologic changes of the breast: the effects of time. Moore GH; Schiller JE; Moore GK. Am J Surg Pathol 2004 Jan;28(1): p47-53.

Late skin and subcutaneous soft tissue changes after 10-gy boost for breast conserving therapy. Okumura S; Mitsumori M; Kokubo M; Yamauchi C; Kawamura S; Oya N; Nagata Y; Hiraoka M. Breast Cancer 2003;10(2): p129-33.

Microarray analysis of the transcriptional response to single or multiple doses of ionizing radiation in human subcutaneous fibroblasts. Rodningen OK; Overgaard J; Alsner J; Hastie T; Borresen-Dale AL. Radiother Oncol 2005 Dec;77(3): p231-40.

Sclerosing lesions of the breast. Rabban JT; Sgroi DC. Semin Diagn Pathol 2004 Feb;21(1): p42-7.

**Case 2**

A 67 y/o woman had this 10 cm mass in the left neck/cervical area.

**Dx: Elastofibroma, lower neck**

Santa Rosa (Santa Rosa Memorial Hospital) - Elastofibroma (3)  
Woodland Hills (Kaiser Permanente) - Elastofibroma  
Alabama, Birmingham - Elastofibroma  
Alabama (Norwood Clinic) - Elastofibroma  
Arizona (Integrated Pathology) - Elastofibroma  
Arkansas (The Laboratory of Pathology) - Extra-abdominal desmoid tumor  
Georgia, Atlanta - Elastofibroma  
Kansas (Coffeyville Regional Medical Center) - Nuchal fibroma  
Kansas (Peterson Laboratory Services) - Elastofibroma  
Massachusetts, Peabody - Elastofibroma, neck  
Massachusetts (Rhode Island Hospital-Lifespan) - Elastofibroma  
North Carolina (TriPath Oncology) - Solitary fibrous tumor  
Ohio, Columbus - Soft tissue, left neck, elastofibroma dorsi  
Pennsylvania (Conemaugh Memorial Medical Center) - Elastofibroma  
Texas, Victoria - EAF  
Washington, Bothell - Elastofibroma  
Hong Kong (Hong Kong Baptist Hospital) - Benign fibromyxoid lesion  
Singapore (Locum/Freelance Practice) - Elastofibroma  
The Netherlands, Amstelveen - Elastofibroma

Elastofibroma: a clinicopathologic and immunohistochemical study of seven cases and literature review. Gun BD; Bahadir B; Behzatoglu K; Gun MO; Ozdamar SO. APMIS 2007 Feb;115(2): p115-9.

Subscapular elastofibroma intermingled with adipose tissue: variant type of elastofibroma or lipoma? Erkilic S; Kocer NE; Sivriköz C. Ann Diagn Pathol 2005 Dec;9(6): p327-9.

Elastosis and elastofibromatous change in the gastrointestinal tract: a clinicopathologic study of 13 cases and a review of the literature. Hobbs CM; Burch DM; Sobin LH. Am J Clin Pathol 2004 Aug;122(2): p232-7.

Elastofibroma: a rare soft tissue tumour with a pathognomonic anatomical location and clinical symptom. Hayes AJ; Alexander N; Clark MA; Thomas JM. Eur J Surg Oncol 2004 May;30(4): p450-3.

Elastofibroma dorsi has distinct cytomorphologic features, making diagnostic surgical biopsy unnecessary: cytomorphologic study with clinical, radiologic, and electron microscopic correlations. Domanski HA; Carlen B; Sloth M; Rydholm A. Diagn Cytopathol 2003 Dec;29(6): p327-33.

Elastofibroma dorsi. Janzen J. Diagn Cytopathol 2007 May;35(5): p311-2.

**Case 3**

A 2 cm mass was found in the upper neck adjacent to the parotid gland in a 30 y/o man. The submitted specimen is from a superficial parotidectomy. The mass was clinically thought to be a salivary gland tumor.

## **Dx: Gardner fibroma, parotid -- cross-file: Solitary fibrous tumor**

Santa Rosa (Santa Rosa Memorial Hospital) - Solitary fibrous tumor (1); Nuchal-type fibroma (2)  
Woodland Hills (Kaiser Permanente) - Solitary fibrous tumor  
Alabama, Birmingham - Solitary fibrous tumor  
Alabama (Norwood Clinic) - Solitary fibrous tumor  
Arizona (Integrated Pathology) - Fibroma  
Arkansas (The Laboratory of Pathology) - Solitary fibrous tumor  
Georgia, Atlanta - Solitary fibrous tumor  
Kansas (Coffeyville Regional Medical Center) - Nodular fasciitis  
Kansas (Peterson Laboratory Services) - Solitary fibrous tumor  
Massachusetts, Peabody - Neurofibroma  
Massachusetts (Rhode Island Hospital-Lifespan) - Fibroma  
North Carolina (TriPath Oncology) - Solitary fibrous tumor  
Ohio, Columbus - Soft tissue, upper neck, fibrous tumor  
Pennsylvania (Conemaugh Memorial Medical Center) - Solitary fibrous tumor  
Texas, Victoria - Benign angioma  
Washington, Bothell - Fibroma  
Hong Kong (Hong Kong Baptist Hospital) - Solitary fibrous tumor  
Singapore (Locum/Freelance Practice) - Solitary fibrous tumor  
The Netherlands, Amstelveen - Myofibroblastoma

Gardner's syndrome associated fibromas. Michal M; Boudova L; Mukensnabl P. Pathol Int 2004 Jul;54(7): p523-6.

Gardner fibroma: a clinicopathologic and immunohistochemical analysis of 45 patients with 57 fibromas. Coffin CM; Hornick JL; Zhou H; Fletcher CD. Am J Surg Pathol 2007 Mar;31(3): p410-6.

Gastrointestinal polyposis syndromes. Bronner MP. Am J Med Genet A 2003 Nov 1;122A(4): p335-41.

Fibromatosis: benign by name but not necessarily by nature. Tolan S; Shanks JH; Loh MY; Taylor B; Wylie JP. Clin Oncol (R Coll Radiol 2007 Jun;19(5): p319-26.

## **Case 4**

A firm nodule was present in the mucosa of the nasopharynx of a 65 y/o woman.

## **Dx: Inverted squamous papilloma, nasopharynx**

Santa Rosa (Santa Rosa Memorial Hospital) - Inverting Schneiderian papilloma (3)  
Woodland Hills (Kaiser Permanente) - Schneiderian papilloma (endophytic type)  
Alabama, Birmingham - Inverted squamous papilloma  
Alabama (Norwood Clinic) - Inverted squamous papilloma  
Arizona (Integrated Pathology) - Squamous papilloma, inverted  
Arkansas (The Laboratory of Pathology) - Inverted squamous papilloma  
Georgia, Atlanta - Verrucous carcinoma  
Kansas (Coffeyville Regional Medical Center) - Squamous papilloma  
Kansas (Peterson Laboratory Services) - Inverted papilloma  
Massachusetts, Peabody - Squamous papilloma, nasopharynx

Massachusetts (Rhode Island Hospital-Lifespan) - Inverted squamous papilloma  
North Carolina (TriPath Oncology) - Inverted papilloma  
Ohio, Columbus - Nasopharynx, inverted papilloma  
Pennsylvania (Conemaugh Memorial Medical Center) - Inverted papilloma  
Texas, Victoria - Inverted squamous papilloma  
Washington, Bothell - Squamous papilloma  
Hong Kong (Hong Kong Baptist Hospital) - Inverted papilloma  
Singapore (Locum/Freelance Practice) - Inverted papilloma  
The Netherlands, Amstelveen - HPV associated squamous hyperplasia

Inverted papilloma with new bone formation: report of three cases. Unlu HH; Songu M; Ovali GY; Nese N. Am J Rhinol 2007 Sep-Oct;21(5): p607-10.

Nasal inverted papilloma expresses the muscle segment homeobox gene Msx2: possible prognostic implications. Depondt J; Shabana el-H; Walker F; Pibouin L; Lezot F; Berdal A. Hum Pathol 2008 Mar;39(3): p350-8.

A sinonasal inverted papilloma of mixed histology: implications for management of all sinonasal papillomas. Steiger JD; Chiu AG. Ear Nose Throat J 2007 Dec;86(12): p752-3.

Inverted urinary papilloma: report of five cases and review of the literature. Henderson DW; Allen PW; Bourne AJ. Virchows Arch A Pathol Anat Histol 1975;366(3): p177-86.

Inverted papilloma of the nasal cavity and paranasal sinuses. Mendenhall WM; Hinerman RW; Malyapa RS; Werning JW; Amdur RJ; Villaret DB; Mendenhall NP. Am J Clin Oncol 2007 Oct;30(5): p560-3.

Cytologic-histologic correlations in the diagnosis of inverted sinonasal papilloma. Gould VE; Manosca F; Reddy VB; Gattuso P. Diagn Cytopathol 2004 Mar;30(3): p201-7.

Risks of malignancy in inverted papilloma of the nose and paranasal sinuses. von Buchwald C; Bradley PJ. Curr Opin Otolaryngol Head Neck Surg 2007 Apr;15(2): p95-8.

## **Case 5**

A left frontal lobe biopsy was performed on this 70 y/o man.

### **Dx: Olfactory neuroblastoma, region of frontal lobe**

Santa Rosa (Santa Rosa Memorial Hospital) - Poorly differentiated neoplasm, rule out metastasis, rule out neuroendocrine tumor (2; Malignant neoplasm, possible immature teratoma with malignant transformation (1)  
Woodland Hills (Kaiser Permanente) - High grade malignant neoplasm, submit for consultation (consultant favors teratocarcinosarcoma)  
Alabama, Birmingham - Olfactory neurofibroma  
Alabama (Norwood Clinic) - Metastatic small cell carcinoma  
Arizona (Integrated Pathology) - Olfactory neuroblastoma  
Arkansas (The Laboratory of Pathology) - Olfactory neuroblastoma  
Georgia, Atlanta - PNET/medulloblastoma  
Kansas (Coffeyville Regional Medical Center) - Papillary craniopharyngioma

Kansas (Peterson Laboratory Services) - Craniopharyngioma  
Massachusetts, Peabody - Ependymoma, cellular variant  
Massachusetts (Rhode Island Hospital-Lifespan) - Neuroblastoma  
North Carolina (TriPath Oncology) - Peripheral neuroectodermal tumor  
Ohio, Columbus - Brain, left frontal lobe, olfactory neuroblastoma  
Pennsylvania (Conemaugh Memorial Medical Center) - Olfactory neuroblastoma  
Texas, Victoria - Metastatic adenocarcinoma  
Washington, Bothell - Small cell carcinoma  
Hong Kong (Hong Kong Baptist Hospital) - Metastatic carcinoma vs. GBM  
Singapore (Locum/Freelance Practice) - Teratocarcinosarcoma  
The Netherlands, Amstelveen - Craniopharyngioma

Olfactory neuroblastoma: a case report and review of the literature. Ghaffar S; Salahuddin I. Ear Nose Throat J 2005 Mar;84(3): p150-2.

Olfactory neuroblastoma: past, present, and future? Lund VJ; Howard D; Wei W; Spittle M. Laryngoscope 2003 Mar;113(3): p502-7.

Pleomorphic olfactory neuroblastoma (esthesioneuroblastoma): histopathological findings and clinical course. Emerson LL; Layfield LJ; Frame R. Histopathology 2007 Sep;51(3): p430-2.

Cytopathologic features of olfactory neuroblastoma. Mahooti S; Wakely PE. Cancer 2006 Apr 25;108(2): p86-92.

Esthesioneuroblastoma of the pituitary gland: a clinicopathological entity? Case report and review of the literature. Mariani L; Schaller B; Weis J; Ozdoba C; Seiler RW. J Neurosurg 2004 Dec;101(6): p1049-52.

"Undifferentiated" small round cell tumors of the sinonasal tract: differential diagnosis update. Iezzoni JC; Mills SE. Am J Clin Pathol 2005 Dec;124 Suppl:S110-21.

## **Case 6**

66 y/o woman with a 7 cm upper extremity mass.

### **Dx: Intramuscular myxoma, extremity**

Santa Rosa (Santa Rosa Memorial Hospital) - Intramuscular myxoma (3)  
Woodland Hills (Kaiser Permanente) - Intramuscular myxoma (1)  
Alabama, Birmingham - Myxoma  
Alabama (Norwood Clinic) - Intramuscular myxoma  
Arizona (Integrated Pathology) - Myxoma  
Arkansas (The Laboratory of Pathology) - Intramuscular myxoma  
Georgia, Atlanta - Intramuscular myxoma  
Kansas (Coffeyville Regional Medical Center) - Intramuscular myxoma  
Kansas (Peterson Laboratory Services) - Myxoma, intramuscular  
Massachusetts, Peabody - Intramuscular myxoma  
Massachusetts (Rhode Island Hospital-Lifespan) - Intramuscular myxoma  
North Carolina (TriPath Oncology) - Intramuscular myxoma  
Ohio, Columbus - Soft tissue, upper extremity, myxoma  
Pennsylvania (Conemaugh Memorial Medical Center) - Intramuscular myxoma

Texas, Victoria - Intramuscular myxoma  
Washington, Bothell - Myxoma  
Hong Kong (Hong Kong Baptist Hospital) - Intramuscular myxoma  
Singapore (Locum/Freelance Practice) - Intramuscular myxoma  
The Netherlands, Amstelveen - Myxoma

Intramuscular myxoma presenting as a rare posterior neck mass in a young child: case report and literature review. Ishoo E. Arch Otolaryngol Head Neck Surg 2007 Apr;133(4): p398-401.

The cytopathology of soft tissue myxomas: ganglia, juxta-articular myxoid lesions, and intramuscular myxoma. Wakely Jr PE; Bos GD; Mayerson J. Am J Clin Pathol 2005 Jun;123(6): p858-65.

Intramuscular myxomas: a clinicopathologic study with emphasis on surgical management. Charron P; Smith J. Am Surg 2004 Dec;70(12): p1073-7.

Intramuscular myxoma: a rare but important association with fibrous dysplasia of bone. Sundaram M; McDonald DJ; Merenda G. AJR Am J Roentgenol 1989 Jul;153(1): p107-8.

Intramuscular myxoma: characteristic MR imaging features. Bancroft LW; Kransdorf MJ; Menke DM; O'Connor MI; Foster WC. AJR Am J Roentgenol 2002 May;178(5): p1255-9.

A possible cause of multiple intramuscular masses: Mazabraud's syndrome (2007: 11b). Martin S; Rapariz JM; Oses MJ; Martinez C. Eur Radiol 2008 Feb;18(2): p417-21.

## **Case 7**

A 46 y/o woman with a prior hx of a large tubo-ovarian abscess presented with a renal mass. It required a re-excision at the time of takedown surgery of a colostomy.

Case was seen by Stanford Pathology Consultants.

## **Dx: Cystic nephroma, kidney**

Santa Rosa (Santa Rosa Memorial Hospital) - Cystic nephroma  
Woodland Hills (Kaiser Permanente) - Mixed epithelial and stromal tumor  
Alabama, Birmingham - Cystic nephroma  
Alabama (Norwood Clinic) - Granulosa cell tumor  
Arizona (Integrated Pathology) - Cystic nephroma  
Arkansas (The Laboratory of Pathology) - Cystic nephroma  
Georgia, Atlanta - Cystic nephroma  
Kansas (Coffeyville Regional Medical Center) - Polycystic kidney  
Kansas (Peterson Laboratory Services) - Microcystic stromal tumor  
Massachusetts, Peabody - Polycystic kidney  
Massachusetts (Rhode Island Hospital-Lifespan) - Cystic nephroma  
North Carolina (TriPath Oncology) - Mixed epithelial and stromal tumor  
Ohio, Columbus - Kidney, multilocular cyst  
Pennsylvania (Conemaugh Memorial Medical Center) - Cystic renal cell carcinoma  
Texas, Victoria - CPDN  
Washington, Bothell - Cystic nephroma

Hong Kong (Hong Kong Baptist Hospital) - Benign cystic nephroma  
Singapore (Locum/Freelance Practice) - Multilocular cystic renal cell carcinoma  
The Netherlands, Amstelveen - Multilocular cystic renal cell carcinoma

Adult cystic nephroma and mixed epithelial and stromal tumor of the kidney: clinical, radiographic, and pathologic characteristics. Lane BR; Campbell SC; Remer EM; Fergany AF; Williams SB; Novick AC; Weight CJ; Magi-Galluzzi C; Zhou M. Urology 2008 Jun;71(6): p1142-8.

Cytology of cystic nephroma: a case report. Chen KT. Acta Cytol 2008 Jan-Feb;52(1): p91-3.

Familial cystic nephroma in two siblings with pleuropulmonary blastoma. Bal N; Kayaselcuk F; Polat A; Bolat F; Yilmaz Z; Tuncer I. Pathol Oncol Res 2005;11(1): p53-6.

Cystic nephroma (multilocular cyst) and mixed epithelial and stromal tumor of the kidney: a spectrum of the same entity? Jevremovic D; Lager DJ; Lewin M. Ann Diagn Pathol 2006 Apr;10(2): p77-82.

Renal cystic diseases: a review. Bisceglia M; Galliani CA; Senger C; Stallone C; Sessa A. Adv Anat Pathol 2006 Jan;13(1): p26-56.

Cystic nephroma and mixed epithelial and stromal tumor of kidney: a detailed clinicopathologic analysis of 34 cases and proposal for renal epithelial and stromal tumor (REST) as a unifying term. Turbiner J; Amin MB; Humphrey PA; Srigley JR; De Leval L; Radhakrishnan A; Oliva E. Am J Surg Pathol 2007 Apr;31(4): p489-500.

## **Case 8**

An 84 y/o man with hematuria was found to have a bladder mass. The resected bladder had a 3.0 cm mass of brown-tan and yellow tumor extending into the wall.

### **Dx: Papillary urothelial carcinoma, bladder**

Santa Rosa (Santa Rosa Memorial Hospital) - Poorly differentiated spindle cell neoplasm, rule out sarcoma by immunohistochemical evaluation (1); Urothelial carcinoma with focal squamous differentiation (1); Poorly differentiated spindle cell neoplasm; rule out sarcoma

Woodland Hills (Kaiser Permanente) - Paraganglioma/pheochromocytoma

Alabama, Birmingham - Invasive urothelial carcinoma

Alabama (Norwood Clinic) - Urothelial carcinoma, high grade

Arizona (Integrated Pathology) - Papillary urothelial carcinoma

Arkansas (The Laboratory of Pathology) - Invasive papillary urothelial carcinoma

Georgia, Atlanta - Invasive urothelial carcinoma

Kansas (Coffeyville Regional Medical Center) - Carcinosarcoma

Kansas (Peterson Laboratory Services) - Invasive high grade urothelial carcinoma

Massachusetts, Peabody - Transitional cell carcinoma, bladder

Massachusetts (Rhode Island Hospital-Lifespan) - Papillary urothelial carcinoma

North Carolina (TriPath Oncology) - Invasive urothelial carcinoma

Ohio, Columbus - Urinary bladder, invasive carcinoma

Pennsylvania (Conemaugh Memorial Medical Center) - Sarcomatoid carcinoma if cytokeratin +, otherwise sarcoma

Texas, Victoria - Papillary transitional cell carcinoma



Washington, Bothell - Invasive urothelial carcinoma  
Hong Kong (Hong Kong Baptist Hospital) - Invasive urothelial carcinoma  
Singapore (Locum/Freelance Practice) - Transitional cell carcinoma  
The Netherlands, Amstelveen - Invasive poorly different, urothelial cell carcinoma

Development and progression of urothelial carcinoma. Kakizoe T. Cancer Sci 2006 Sep;97(9): p821-8.

Significance of denuded urothelium in papillary urothelial lesions. Owens CL; Epstein JI. Am J Surg Pathol 2007 Feb;31(2): p298-303.

Noninvasive urothelial neoplasms: which classification? Mazzucchelli R; Tuna B. Anal Quant Cytol Histol 2006 Dec;28(6): p340.

Ki-67 index enhances the prognostic accuracy of the urothelial superficial bladder carcinoma risk group classification. Santos L; Amaro T; Costa C; Pereira S; Bento MJ; Lopes P; Oliveira J; Criado B; Lopes C. Int J Cancer 2003 Jun 10;105(2): p267-72.

Histologic variants of urothelial carcinoma: differential diagnosis and clinical implications. Lopez-Beltran A; Cheng L. Hum Pathol 2006 Nov;37(11): p1371-88.

Urothelial (transitional cell) papilloma of the urinary bladder: a clinicopathologic study of 26 cases. McKenney JK; Amin MB; Young RH. Mod Pathol 2003 Jul;16(7): p623-9.

## **Case 9**

A 35 y/o woman presented with abnormal vaginal bleeding. After several cervical biopsies she had a TAH-BSO. A coarsely granular, tan tumor was found to protrude from the cervical os. The tumor was circumferential and centered at the squamo-columnar junction and invaded about 1/4 of the thickness of the cervix.

## **Dx: Villoglandular adenocarcinoma, cervix**

Santa Rosa (Santa Rosa Memorial Hospital) - Endocervical adenocarcinoma (1); Mucinous adenocarcinoma, villoglandular type (1); Endocervical adenocarcinoma (1)  
Woodland Hills (Kaiser Permanente) - Adenocarcinoma, villoglandular/endometrioid  
Alabama, Birmingham - Endocervical adenocarcinoma  
Alabama (Norwood Clinic) - Endocervical adenocarcinoma  
Arizona (Integrated Pathology) - Villoglandular adenocarcinoma  
Arkansas (The Laboratory of Pathology) - Villoglandular adenocarcinoma of endocervix  
Georgia, Atlanta - Villoglandular adenocarcinoma  
Kansas (Coffeyville Regional Medical Center) - Papillary endocervical endometrioid carcinoma  
Kansas (Peterson Laboratory Services) - Well-differentiated papillary villoglandular adenocarcinoma  
Massachusetts, Peabody - Adenocarcinoma, cervix  
Massachusetts (Rhode Island Hospital-Lifespan) - Adenocarcinoma  
North Carolina (TriPath Oncology) - Villoglandular papillary carcinoma, cervix  
Ohio, Columbus - Cervix, adenocarcinoma  
Pennsylvania (Conemaugh Memorial Medical Center) - Papillary serous carcinoma  
Texas, Victoria - Villoglandular adenocarcinoma  
Washington, Bothell - Villoglandular carcinoma  
Hong Kong (Hong Kong Baptist Hospital) - Well-differentiated villoglandular adenocarcinoma



Singapore (Locum/Freelance Practice) - Villoglandular adenocarcinoma  
The Netherlands, Amstelveen - Well-differentiated adenocarcinoma, villoglandular type

Cytologic features of villoglandular adenocarcinoma of the cervix. Ajit D; Dighe S; Gujral S. Acta Cytol 2004 Mar-Apr;48(2): p288-9.

Villoglandular adenocarcinoma of the cervix: clarity is needed on the histological definition for this difficult diagnosis. Macdonald RD; Kirwan J; Hayat K; Herrington CS; Shawki H. Gynecol Oncol 2006 Jan;100(1): p192-4.

Clinicopathologic features of villoglandular papillary adenocarcinoma of the uterine cervix. Utsugi K; Shimizu Y; Akiyama F; Umezawa S; Hasumi K. Gynecol Oncol 2004 Jan;92(1): p64-70.

Villoglandular adenocarcinoma of the cervix: two new cases with morphological and molecular study. Giordano G; D'Adda T; Gnetti L; Merisio C; Gabrielli M; Melpignano M. Int J Gynecol Pathol 2007 Apr;26(2): p199-204.

Villoglandular adenocarcinoma of the uterine cervix-a systematic review of the literature. Heatley MK. Histopathology 2007 Aug;51(2): p268-9.

## **Case 10**

An 18 y/o white man had a 1 cm nodule adjacent to the nail bed of the index finger. There was a hx of chronic trauma to the area. (Director's note: this case was included and illustrated in the definitive report on the tumor - see first reference)

### **Dx: Epithelioid sarcoma**

Santa Rosa (Santa Rosa Memorial Hospital) - Giant cell tumor to tendon sheath (2); Epithelioid sarcoma vs. epithelioid hemangioendothelioma (need immunostains) (1)

Woodland Hills (Kaiser Permanente) - Glomus tumor

Alabama, Birmingham - Atypical fibrohistiocytic tumor

Alabama (Norwood Clinic) - Epithelioid sarcoma

Arizona (Integrated Pathology) - Epithelioid sarcoma

Arkansas (The Laboratory of Pathology) - Palisading dermal fibrous histiocytoma

Georgia, Atlanta - Epithelioid hemangioendothelioma

Kansas (Coffeyville Regional Medical Center) - Metastatic carcinoma

Kansas (Peterson Laboratory Services) - Clear cell sarcoma

Massachusetts, Peabody - Keloid, finger

Massachusetts (Rhode Island Hospital-Lifespan) - Epithelioid carcinoma

North Carolina (TriPath Oncology) - Epithelioid sarcoma

Ohio, Columbus - Soft tissue, index finger, epithelioid sarcoma

Pennsylvania (Conemaugh Memorial Medical Center) - Inflammatory myxoinflammatory of distal extremities/acral myxoinflammatory fibroblastic sarcoma

Texas, Victoria - EHE

Washington, Bothell - Fibroma

Hong Kong (Hong Kong Baptist Hospital) - Epithelioid sarcoma

Singapore (Locum/Freelance Practice) - Glomus tumour

The Netherlands, Amstelveen - Glomangioma

Epithelioid Sarcoma: Diagnosis, Prognostic Indicators and Treatment (of 241 cases). Chase DR, Enzinger FM. Am J Surg Pathol 9(4):241-263. Apr, 1985.

Co-expression of Keratin and Vimentin in Epithelioid Sarcoma. Chase DR, Enzinger FM, Weiss SW, Langloss JM. Am J Surg Pathol 9(6):460-463, Jun, 1985.

Rhabdoid vs Epithelioid Sarcoma: Is distinction possible? Chase DR. Am J Surg Pathol 14(8):792-794, 1990.

Epithelioid sarcoma of Enzinger. Fisher C. Adv Anat Pathol 2006 May;13(3): p114-21.

"Proximal-type" and classic epithelioid sarcomas represent a clinicopathologic continuum: case report. Rakheja D; Wilson KS; Meehan J; Schultz RA; Gomez AM. Pediatr Dev Pathol 2005 Jan-Feb;8(1): p105-14.