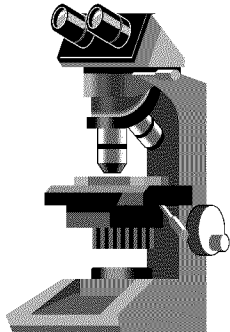


CALIFORNIA
TUMOR TISSUE REGISTRY



GENERAL TUMOR PATHOLOGY

Minutes – Subscription B

October 1998

SUGGESTED READING (General Topics from Recent Literature):

- The Cellular Basis of Metastasis. *Urology* 1996. 141-150. Ruiz, P and Gunthert U.
Expression of Myogenic Regulatory Proteins (Myogenin and MyoD1) in Small Blue Round Cell Tumors of Childhood. *Am J Pathol* 1995; 147: 1799-810.
The CDKN2A Tumor-Suppressor Locus—A Tale of Two Proteins. *New England Journal of Medicine* 1998; 338: 910-912. Clurman, B and Groudine M.
Malignant Small Bowel Neoplasms. Histopathologic Determinants of Recurrence and Survival. *Annals of Surgery* 1997; 223(3): 300-305.

California Tumor Tissue Registry
c/o: Department of Pathology and Human Anatomy
Loma Linda University School of Medicine
11021 Campus Avenue, AH 335
Loma Linda, California 92350
(909) 824-4788
FAX: (909) 478-4188
E-mail: cttr@linkline.com

CALIFORNIA (Glendale) - Epithelioid GIST
CALIFORNIA (Oakland) - Gastric stromal tumor of uncertain malignant potential (STUMP) (2)
OHIO (Columbus) - Gastrointestinal stromal tumor
MICHIGAN (Foote Hospital, Jackson) - Benign stromal tumor
TEXAS (Houston) - Gastrointestinal stromal tumor (GIST) of undetermined malignant potential
TEXAS (Waco) - Malignant gastrointestinal stromal tumor
FLORIDA (Winter Haven Hospital) - GI stromal tumor, borderline malignant
MARYLAND (Baltimore) - Gastric stromal tumor (leiomyoblastoma)
MARYLAND (National Naval Med Ctr, Bethesda) - GIST (uncertain malignant potential) (10); Epithelioid GIST (2).
PENNSYLVANIA (Philadelphia) - GIST, malignant
MASSACHUSETTS (Longmeadow) - Gastrointestinal stromal tumor (GIST) undetermined type, potentially malignant
MASSACHUSETTS (Medfield) - Malignant hemangiopericytoma of stomach.
MAINE (Bangor) - Leiomyoblastoma (GIST)
JAPAN (Shimada City Hospital) - Leiomyoblastoma, stomach

DIAGNOSIS:

**GASTROINTESTINAL STROMAL TUMOR (GIST) OF UNCERTAIN
MALIGNANT POTENTIAL, STOMACH**

**Director's Note: Before immunostains and the concept of GIST's this tumor
was known as a "leiomyoblastoma."**

T63000, M80103

REFERENCES:

- Appelman HD. Smooth Muscle of the Gastrointestinal Tract. What We Now Know That Stout Didn't Know. *Am J Surg Pathol*, Suppl 1, 1986; 10: 83-89.
- Van De Rijn, M, Hendrickson MR and Rouse RV. CD-34 Expression in Gastrointestinal Tract Stromal Tumors. *Hum Pathol* 1994; 25: 766-771.
- Newman PL, Walden C. and Fletcher CD. Gastrointestinal Stromal Tumors. Correlation of Immunophenotype with Clinicopathologic Features. *J Pathol* 1991; 107-117
- Lauwers GY, Erlandson RA, Casper ES, et al. Gastrointestinal Autonomic Nerve Tumors. A Clinicopathological Immunohistochemical and Ultrastructural Study of 12 Cases. *Am J Surg Pathol* 1993; 17: 887-897.
- Suster S, Sorace D and Moran CA. Gastrointestinal Stromal Tumors with Prominent Myxoid Matrix. Clinicopathologic, Immunohistochemical, and Ultrastructural Study of Nine Cases of a Distinctive Morphologic Variant of Myogenic Stromal Tumor. *Am J Surg Pathol* 1995; 19(12): 59-70.
- Owen CH, Madden JF, and Clavien P-A. Spindle Cell Stromal Tumor of the Pancreas. Treatment by Pancreatoduodenectomy. *Surgery* 1997 122: 105-111.

CALIFORNIA (Glendale) - Inflammatory fibromyxoid tumor
CALIFORNIA (Oakland) - Pseudosarcomatous fibromyxoid tumor (2)
OHIO (Columbus) - Reactive stroma nodule
MICHIGAN (Foote Hospital, Jackson) - Inflammatory myofibroblastic tumor
TEXAS (Houston) - Inflammatory myofibroblastic tumor
TEXAS (Waco) - Inflammatory pseudotumor
FLORIDA (Winter Haven Hospital) - Leiomyosarcoma
MARYLAND (Baltimore) - Leiomyoma of urinary bladder vs post-operative spindle cell nodule
MARYLAND (National Naval Med Ctr, Bethesda) - Inflammatory pseudotumor (11);
Sarcomatoid carcinoma (1)
PENNSYLVANIA (Philadelphia) - Inflammatory pseudotumor
MASSACHUSETTS (Longmeadow) - Low grade leiomyosarcoma, bladder
MASSACHUSETTS (Medfield) - Inflammatory pseudotumor of bladder
MAINE (Bangor) - Pseudotumor
JAPAN (Shimada City Hospital) - Pseudosarcomatous fibromyxoid tumor, bladder

DIAGNOSIS:

PSEUDOSARCOMATOUS FIBROMYXOID TUMOR, BLADDER

T74000, M80043

REFERENCES:

- Nochomobitz LE and Orenstein JH. Inflammatory Pseudotumor of the Urinary Bladder. Possible Relationship to Nodular Fasciitis. Two Case Reports Cytologic Observations and Ultrastructural Observations. *Am J Surg Pathol* 1985; 9: 366-373.
- Proppe KH, Scully RE and Rosai J. Postoperative Spindle Cell Nodules of Genitourinary Tract Resembling Sarcomas. A Report of 8 Cases. *Am J Surg Pathol* 1984; 8: 1101-1108.
- Young RH and Scully RE. Pseudosarcomatous Lesions of the Urinary Bladder, Prostate and Urethra. *Arch Pathol Lab Med* 1987; 354-358.
- Ro JY, el-Naggar AK, Amin MB, Sahin AA, et al. Pseudosarcomatous Fibromyxoid Tumor of the Urinary Bladder and Prostate. Immunohistochemical, Ultrastructural, and DNA Flow Cytometric Analyses of Nine Cases. *Hum Pathol* 1993; 24(11): 1203-1210.
- Lakshmanan Y, Willa ML and Gearhart JP. Inflammatory (Pseudosarcomatous) Myofibroblastic Tumor of the Bladder. *Urol* 1997; 50(2): 285-288.

CALIFORNIA (Glendale) - Mucinous cystadenoma
CALIFORNIA (Oakland) - Mucinous cystadenoma with acute appendicitis (2)
OHIO (Columbus) - Mucinous cystadenoma
MICHIGAN (Foote Hospital, Jackson) - Cystadenoma (mucocele), no invasion in this slide
TEXAS (Houston) - Appendiceal villous adenoma
TEXAS (Waco) - Villous adenoma of appendix
FLORIDA (Winter Haven Hospital) - Adenomatous change, malignant lymphoma
MARYLAND (Baltimore) - Papillary adenoma of low malignant potential
MARYLAND (National Naval Med Ctr, Bethesda) - Mucinous cystadenoma (12)
PENNSYLVANIA (Philadelphia) - Mucinous adenocarcinoma ?, metastasis from ovary
MASSACHUSETTS (Longmeadow) - Mucinous cystadenoma with acute appendicitis and probable perforation
MASSACHUSETTS (Medfield) - Mucocele of appendix (villous atypical adenoma of appendix) associated with acute appendicitis
MAINE (Bangor) - Villous adenoma (mucin producing tumor)
JAPAN (Shimada City Hospital) - Mucosal hyperplasia, appendix

DIAGNOSIS:

MUCINOUS CYSTADENOMA, APPENDIX

T66000, M95903

REFERENCES:

- Young R, Gilks C and Scully R. Mucinous Tumors of the Appendix Associated with Mucinous Tumors of the Ovary and Pseudomyxoma Peritoneal. A Clinicopathological Analysis of 22 Cases Supporting an Origin in the Appendix. *Am J Surg Pathol* 1991; 415-429.
- Higa E, Rosai J, Pizzimbono A and Wise L. Mucosal Hyperplasia, Mucinous Cystadenoma, Mucinous Cystadenocarcinoma. A Re-Evaluation of Appendiceal "Mucocele". *Cancer* 1973; 1525-1541.
- Heithold DL, Tucker JG and Lucas GW. Appendiceal Intussusception as a Manifestation of Mucinous Cystadenoma of the Appendix. An Interesting Clinical Entity. *Am Surg* 1997; 63(5): 390-391.
- Guerrieri C, Franlund B, Fristedt S, Gillooley JF and Boeryd B. Mucinous Tumors of the Vermiform Appendix and Ovary, and Pseudomyxoma Peritonei. Histogenetic Implications of Cytokeratin 7 Expression. *Hum Pathol* 1997; 28(9): 1039-1045.
- Shimizu T, Shimizu M, Kawaguchi K, Yomura W, Ihara Y, et al. Mucinous Cystadenoma of the Appendix with Raised Serum Carcinoembryonic Antigen Concentration. Clinical and Pathological Features. *J Clin Pathol* 1997; 50(7): 613-614.

CALIFORNIA (Glendale) - Lymphoma
CALIFORNIA (Oakland) - Burkitt's lymphoma
OHIO (Columbus) - Burkitt's lymphoma (2)
MICHIGAN (Foote Hospital, Jackson) - Lymphoma favor Hodgkin's disease
TEXAS (Houston) - Diffuse large cell lymphoma with hemophagocytic syndrome
TEXAS (Waco) - Small non-cleaved lymphoma, Burkitt's type
FLORIDA (Winter Haven Hospital) - Rosai-Dorfman disease
MARYLAND (Baltimore) - Small non-cleaved Burkitt-like lymphoma
MARYLAND (National Naval Med Ctr, Bethesda) - Large B-cell lymphoma, non-Hodgkin's lymphoma (9); Hodgkin's lymphoma (2); Rosai Dorfman disease (1)
PENNSYLVANIA (Philadelphia) - Burkitt's lymphoma
MASSACHUSETTS (Longmeadow) - B-cell lymphoma (Burkitt's)
MASSACHUSETTS (Medfield) - B-cell lymphoma (MALT) of appendix
MAINE (Bangor) - B-cell lymphoma
JAPAN (Shimada City Hospital) - Malignant lymphoma, immunoblastic appendix

DIAGNOSIS:

**DIFFUSE LYMPHOMA, UNDIFFERENTIATED, NON-BURKITT'S
(RAPPAPORT)
DIFFUSE SMALL NON-CLEAVED LYMPHOMA, NON-BURKITT'S
(LUKE'S AND COLLINS)
HIGH GRADE, DIFFUSE, SMALL NON-CLEAVED, NON-BURKITT'S
(WORKING FORMULATION)**

**Note: CD3 was negative in neoplastic cells
CD20 was positive in neoplastic cells**

T66000, M95903

CONSULTATION: Bharat N. Nathwani, M.D. (Same as diagnosis)

REFERENCES:

Zani VJ, Asou N, Jadayel D, Heward JM, et al. Molecular Cloning of Complex Chromosomal Translocation t(8;14;12) (q24.1;q32.3;q24.1) in a Burkitt Lymphoma Cell Line Defines a New Gene (BCL7A) with Homology to Caldesmon. *Blood* 1996; 87: 3124.
Clark RG and Simmonds JP. Primary Lymphosarcoma Appendix 1951; *Cancer* 4: 994-998.
Gall EA and Mallory TB. Malignant Lymphoma. A Clinicopathologic Survey of 618 Cases. *Am J Pathol* 1942; 18: 381-429.
Knox G. Lymphosarcoma Primary in the Appendix. A Study of Twenty-Three Cases. *Arch Surgery* 1945; 50: 288-292.
Jason RS and Malloy HR. Giant Follicular Lymphoma of the Appendix Occuring in Childhood. *Brit MF* 1949; 2: 1387-1388.

CALIFORNIA (Glendale) - Seminoma
CALIFORNIA (Oakland) - Seminoma (2)
OHIO (Columbus) - Seminoma
MICHIGAN (Foote Hospital, Jackson) - Seminoma
TEXAS (Houston) - Seminoma
TEXAS (Waco) - Seminoma
FLORIDA (Winter Haven Hospital) - Anaplastic seminoma
MARYLAND (Baltimore) - Anaplastic seminoma
MARYLAND (National Naval Med Ctr, Bethesda) - Seminoma (12)
PENNSYLVANIA (Philadelphia) - Embryonal carcinoma of testis, postpubertal gonadotropin deficiency in uninvolved testis
MASSACHUSETTS (Longmeadow) - Seminoma, testis
MASSACHUSETTS (Medfield) - Aggressive seminoma
MAINE (Bangor) - Seminoma
JAPAN (Shimada City Hospital) - Anaplastic seminoma, testicle

DIAGNOSIS:

SEMINOMA, RIGHT TESTICLE

T78000, M90613

REFERENCES:

- Czaja JT and Ulbright TM. Evidence of Transformation of Seminoma to Yolk Sac Tumors with Histogenetic Considerations. *Am J Clin Pathol* 1992; 97: 468-477.
- Corsten B and Hans-Joachim S. Treatment of Testicular Cancer and the Development of Secondary Malignancies. *J Clin Oncol* 1995; 13(1): 283-292.
- Jacobsen GK, Jacobsen M and Clausen PP. Distribution of Tumor-Associated Antigens in the Various Histologic Components of Germ Cell Tumors of the Testis. *Am J Surg Pathol* 1981; 5: 257-266.
- Strohmeyer T. Molecular Biologic Investigations of Protooncogenes and Growth Factors in Human Testicular Tumors. *World J Urol* 1994; 12: 74-78.
- Hadziselimovic F, Herzog B and Commons LR. The Expression of CD-44 Adhesion Molecules on Seminoma Cells. *Cancer* 1996; 77(3): 429-430.
- Damj I. Pathogenesis of Testicular Germ Cell Tumours. *Eur-Urol* 1993; 23(1): 2-5.

CALIFORNIA (Glendale) - Carcinoma ex-pleomorphic adenoma
CALIFORNIA (Oakland) - High grade salivary ductal carcinoma arising in pleomorphic adenoma (2)
OHIO (Columbus) - Carcinoma ex-pleomorphic adenoma
MICHIGAN (Foote Hospital, Jackson) - Carcinoma with ductal differentiation ex-pleomorphic adenoma
TEXAS (Houston) - Carcinoma ex-pleomorphic adenoma
TEXAS (Waco) - Benign mixed tumor
FLORIDA (Winter Haven Hospital) - Malignant pleomorphic adenoma
MARYLAND (Baltimore) - Duct type carcinoma ex-pleomorphic adenoma
MARYLAND (National Naval Med Ctr, Bethesda) - Carcinoma ex-pleomorphic adenoma (12)
PENNSYLVANIA (Philadelphia) - Pleomorphic adenoma and acinic cell carcinoma (clear cell variant)
MASSACHUSETTS (Longmeadow) - Pleomorphic adenoma, major salivary gland
MASSACHUSETTS (Medfield) - Malignant mixed tumor of submandibular gland
MAINE (Bangor) - Carcinoma ex-pleomorphic adenoma
JAPAN (Shimada City Hospital) - Malignant mixed tumor, submandibular gland

DIAGNOSIS:

CARCINOMA EX-PLEOMORPHIC ADENOMA, LEFT SUBMANDIBULAR GLAND

T55300, M89403

REFERENCES:

- Li X, Tsuji T, Wen S, et al. Detection of Numeric Abnormalities of Chromosome 17 and p53 Deletions by Fluorescence In-Situ Hybridization in Pleomorphic Adenomas and Carcinomas in Pleomorphic Adenoma. Correlation with p53 Expression. *Cancer* 1997; 79(12): 2314-2319.
- Noguchi S, Aihara T, Yoshino K, et al. Demonstration of Monodonal Origin of Human Parotid Gland Pleomorphic Adenoma. *Cancer* 1996; 77: 431-435.
- Martin A, Mantravadi J, Kotylo P, Mullins R, et al. Proliferative Activity and Aneuploidy in Pleomorphic Adenomas of the Salivary Glands. *Arch Pathol Lab Med* 1994; 118(3): 252-259.
- Enroth CM. Mixed Tumors of Major Salivary Glands. Prognostic Role of Capsular Structure. *Ann Otol* 1965; 74: 944.
- Rosa JC, Fonseca I, Felix A and Soares J. Immunohistochemical Study of c-erbB-2 Expression in Carcinoma Ex-Pleomorphic Adenoma. *Histopathol* 1996; 28(3): 247-252.
- Muller S, Vigneswaran N, Gansler T, Gramlich T, et al. C-erbB-2 Oncoprotein Expression and Amplification in Pleomorphic Adenoma and Carcinoma Ex-Pleomorphic Adenoma. Relationship to Prognosis. *Mod Pathol* 1994; 7(6): 628-632.
- Jacobs JC. Low Grade Mucoepidermoid Carcinoma Ex-Pleomorphic Adenoma. A Diagnostic Problem in Fine Needle Aspiration Biopsy. *Acta Cytol* 1994; 38(1): 93-97.
- Brandwein M, Huvos AG, Dardick I, Thomas MJ, et al. Noninvasive and Minimally Invasive Carcinoma Ex Mixed Tumor. A Clinicopathologic and Ploidy Study of 12 Patients with Major Salivary Tumors of Low (or No?) Malignant Potential. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 1996; 81(6): 655-664.

CALIFORNIA (Glendale) - Epithelioid leiomyoma
CALIFORNIA (Oakland) - Myxoid leiomyoma (2)
OHIO (Columbus) - Leiomyoma with myxoid change
MICHIGAN (Foote Hospital, Jackson) - Leiomyoma with myxoid change
TEXAS (Houston) - Epithelioid leiomyoma
TEXAS (Waco) - Myxoid leiomyoma
FLORIDA (Winter Haven Hospital) - Myoepithelioma
MARYLAND (Baltimore) - Myxoid leiomyoma
MARYLAND (National Naval Med Ctr, Bethesda) - Myxoid leiomyosarcoma (12)
PENNSYLVANIA (Philadelphia) - Myofibroblastoma
MASSACHUSETTS (Longmeadow) - Leiomyoma, benign
MASSACHUSETTS (Medfield) - Myxoid fibroma
MAINE (Bangor) - Myxoid leiomyosarcoma
JAPAN (Shimada City Hospital) - Myxoid leiomyosarcoma, paravaginal region

DIAGNOSIS:

MYXOID LEIOMYOMA, PARAVAGINAL REGION

**Note: The peripheries of the tumor were well-circumscribed, not invasive.
An 18 month followup has shown no recurrence.**

T81110, M88900

REFERENCES:

- Clement PB, Young RH, Scully RE, et al. Diffuse, Perinodular, and Other Patterns of Hydropic Degeneration Within and Adjacent to Uterine Leiomyomas. Problems in Differential Diagnoses. *Am J Surg Pathol* 1992; 16(1): 26-32.
- Sreenan JJ, Prayson RA, Biscotti CV, Thornton MH, et al. Histopathologic Findings in 107 Uterine Leiomyomas Treated with Leuprolide Acetate Compared with 126 Controls. *Am Surg Pathol* 1996; 20(4): 427-432.

CALIFORNIA (Glendale) - Mucinous carcinoma of low malignant potential
CALIFORNIA (Oakland) - Borderline mullerian cystadenofibroma (2)
OHIO (Columbus) - Carcinoma of low malignant potential arising in endosalpingiosis
MICHIGAN (Foote Hospital, Jackson) - Mucinous cystadenocarcinoma
TEXAS (Houston) - Atypical proliferative (borderline) endometrioid tumor of the ovary
TEXAS (Waco) - Mucinous cysadenocarcinoma
FLORIDA (Winter Haven Hospital) - Borderline mucinous tumor
MARYLAND (Baltimore) - Proliferating serous cystadenofibroma
MARYLAND (National Naval Med Ctr, Bethesda) - Mixed mucinous and endometrioid carcinoma (6); Borderline tumor with mixed mucinous and endometrioid features (6)
PENNSYLVANIA (Philadelphia) - Mucinous adenocarcinoma of ovary
MASSACHUSETTS (Longmeadow) - Endometrioid carcinoma, ovary
MASSACHUSETTS (Medfield) - Malignant cystadenofibroma
MAINE (Bangor) - Mucinous cystadenocarcinoma
JAPAN (Shimada City Hospital) - Endometriod adenocarcinoma, ovary

DIAGNOSIS:

**MIXED ENDOMETRIOID AND MULLERIAN MUCINOUS
ADENOFIBROMA OF LOW MALIGNANT POTENTIAL, OVARY (Dr.
Kempson consultant, Stanford University)**

T87000, M83810, M90150

REFERENCES:

- Sundfeldt K, Piontkewitz Y, Ivarsson K, Nilsson O, Hellberg P, et al. A Pregnant Woman with Clear Cell Adenocarcinoma of the Ovary Arising from Endometriosis and With Benign and Borderline Adenofibroma of the Clear Cell and Endometrioid Types. *Int J Cancer* 1997; 74(3): 275-280.
- Tohya T, et al. Mucinous Adenofibroma of the Ovary. Case Report of the Endocrinologic Findings. *Gynecol Oncol* 1994; 54(2): 218-221.
- Randrianjafisamindrakotroka NS, et al. The Malignant Potential of Adenofibroma and Cystadenofibroma of the Ovary and Mesovarium. 118 Cases Including 13 Proliferative and 5 Carcinomatous. *J Gynecol Obstet Biol Reprod* 1993; 22(1): 33-38. French.
- Mannion E, et al. Metaplastic Cystadenofibroma of the Ovary. *Histopathol* 1993; 23(6): 581-584.
- Gordon MD, et al. Epithelial Neoplasms of the Ovary. An Update on Current Concepts. *Clin Lab Med* 1995; 15(3): 575-593.
- Ushijima K, et al. Ovarian Endometrioid Adenocarcinoma co-existent with Benign and Borderline Endometrioid Adenofibroma. A Case Report. *J Obstet Gynaecol Res* 1998; 24(2): 161-166.

CALIFORNIA (Glendale) - Low grade liposarcoma
CALIFORNIA (Oakland) - Well-differentiated liposarcoma (2)
OHIO (Columbus) - Well differentiated lipoma like liposarcoma
MICHIGAN (Foote Hospital, Jackson) - Well differentiated liposarcoma
TEXAS (Houston) - Well differentiated liposarcoma
TEXAS (Waco) - Pleomorphic lipoma
FLORIDA (Winter Haven Hospital) - Well differentiated liposarcoma
MARYLAND (Baltimore) - Well differentiated liposarcoma (atypical lipoma)
MARYLAND (National Naval Med Ctr, Bethesda) - Well differentiated sclerosing liposarcoma (9); Pleomorphic lipoma (3)
PENNSYLVANIA (Philadelphia) - Pleomorphic lipoma
MASSACHUSETTS (Longmeadow) - Well differentiated liposarcoma
MASSACHUSETTS (Medfield) - Pleomorphic lipoma
MAINE (Bangor) - Well differentiated liposarcoma
JAPAN (Shimada City Hospital) - Well differentiated liposarcoma, thigh

DIAGNOSIS:

**WELL-DIFFERENTIATED, LIPOMA-LIKE, LIPOSARCOMA
("ATYPICAL LIPOMA"), THIGH**

TY9100, M88513

REFERENCES:

Rosai J, Ackerman M, Cin DP, DeWever I, Fletcher CDM, et al. Combined Morphologic and Karyotypic Study of 59 Atypical Lipomatous Tumors. *Am J Surg Pathol* 1996; 20(10): 1182-1189.
Asumi, Curtis J, Kempson RL and Hendrickson MR. Atypical and Malignant Neoplasms Showing Lipomatous Differentiation. A Study of 111 Cases. *Am J Surg Pathol* 1987; 11: 161-183.
Walaas L and Kindblom LG. Lipomatous Tumors. A Correlative Cytologic and Histologic Study of 27 Tumors Examined by Fine Needle Aspiration Cytology. *Hum Pathol* 1985; 16-18.
Weiss SW and Rao VK. Well-Differentiated Liposarcoma (Atypical Lipoma) of Deep Soft Tissue of the Extremities, Retroperitoneum, and Miscellaneous Sites. Follow-up Study of 92 Cases with Analysis of the Incidence of "Dedifferentiation." *Am J Surg Pathol* 1992; 16(11): 1051-1058.

CALIFORNIA (Glendale) - Mucinous carcinoma

CALIFORNIA (Oakland) - Mucinous carcinoma (2)

OHIO (Columbus) - Mucinous adenocarcinoma—metastasis vs primary from Bartholin gland

MICHIGAN (Foote Hospital, Jackson) - Mucinous adenocarcinoma, possible eccrine, rule out metastasis

TEXAS (Houston) - Eccrine mucinous adenocarcinoma vs mucinous adenocarcinoma arising in ectopic breast tissue

TEXAS (Waco) - Metastatic mucinous adenocarcinoma

FLORIDA (Winter Haven Hospital) - Metastatic adenocarcinoma

MARYLAND (Baltimore) - Mucinous carcinoma of probable eccrine origin

MARYLAND (National Naval Med Ctr, Bethesda) - Mucinous (colloid) carcinoma (12)

PENNSYLVANIA (Philadelphia) - Mucinous adenocarcinoma, metastasis from ?

MASSACHUSETTS (Longmeadow) - Mucinous carcinoma (adenocystic) of sweat gland origin

MASSACHUSETTS (Medfield) - Ductal eccrine adenocarcinoma of vulva

MAINE (Bangor) - Mucinous adenocarcinoma

JAPAN (Shimada City Hospital) - Bartholin's gland adenocarcinoma, labia

DIAGNOSIS:

**MUCINOUS ("COLLOID") CARCINOMA, RIGHT LABIUM, POSSIBLY
METASTATIC**

T01210, M84803

REFERENCES:

Mazur MT, Hsueh S and Gersell DJ. Metastases to the Female Genital Tract. Analysis of 325 Cases. *Cancer* 1984; 53(9): 1978-1984.

Imachi M, Taukamoto N, Shigematsu T, and Nakano H. Cytologic Diagnosis of Primary Adenocarcinoma of Bartholin's Gland. A Case Report. *Acta Cytol* 1992; 36(2): 167-170.

Felix JC, Cote RJ, Kramer EE, Saigo P and Goldman GH. Carcinomas of Bartholin's Gland. Histogenesis and the Etiological Role of Human Papillomavirus. *Am J Pathol* 1993; 142(3): 925-933.