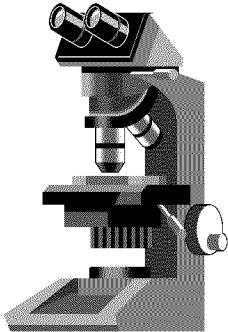


CALIFORNIA
TUMOR TISSUE REGISTRY



LYMPH NODE / SPLEEN PATHOLOGY

Minutes – Subscription B

November 1998

SUGGESTED READING (General Topics from Recent Literature):

Medical Progress. Polycystic Ovary Syndrome. *New Engl J Med* 1995; 333(9):853-861. Franks, S
Seminars in Medicine of the Beth Israel Hospital. Mitochondrial DNA and Disease. *New Eng J Med* 1995;
333(10):638-644. Flier JS and Underhill LH.
Gene Therapy for Human Cancer. An Essay for Clinicians. *Sem Oncol* 1996; 23(1):4-21. Mastrangelo MJ,
Berd D, Nathan FE and Latrine EC.
A Review of Tumor Suppressor Genes in Cutaneous Neoplasms with Emphasis on Cell Cycle Regulators.
Am J Dermatol 1998; 20(3):302-313.

California Tumor Tissue Registry
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SAN DIEGO - Epithelial cyst of the spleen
VAN NUYS - Epidermoid cyst (3)
OAKLAND - Epithelial cyst (3)
MICHIGAN (Foote Hospital) - Epithelial (epidermoid) cyst
INDIANA (Fort Wayne) - Epidermoid cyst, spleen (benign)
OAKLAHOMA (Ardmore) - Calcified epidermoid (dermoid) cyst vs. embryological remnants
LOUISIANA (Metairie) - Epidermoid cyst
TEXAS (VA Medical Center) - Epithelial (epidermoid) cyst
TEXAS (University of Texas) - Epidermoid cyst of spleen
FLORIDA (Winter Haven) - Epidermoid cyst, spleen
FLORIDA (Ocala) - Epithelial inclusion cyst of spleen
FLORIDA (Orlando) - Littoral cell angioma, spleen
FLORIDA (Kendall Medical Center) - Epithelial (epidermoid) cyst (spleen)
MARYLAND (National Naval Medical Center) - Epithelial/mesothelial cyst
MARYLAND (Sinai Hospital of Baltimore) - Squamous cyst (epidermoid cyst)
PENNSYLVANIA (Philadelphia) - Hereditary spherocytosis
MASSACHUSETTS (Longmeadow) - Epidermoid cyst, spleen
MASSACHUSETTS (Medfield) - True epidermal cyst of spleen (epidermoid cyst)
CANADA (St. John's) - Epithelial cyst
CANADA (Vancouver) - Epithelial (epidermoid) cyst
JAPAN (Hamamatsu) - Epithelial cyst

DIAGNOSIS:

EPITHELIAL (EPIDERMOID) CYST, SPLEEN

T07000, M33410

REFERENCES:

- Higaki K, Jimi A, Watanabe J, et al. Epidermoid Cyst of the Spleen with CA 19-9 Carcinoembryonic Antigen Productions. Report of Three Cases. *Am Surg Pathol* 1998; 22(6):704-708.
Bostic WL. Primary Splenic Neoplasms. *Am J Pathol* 1945; 21:1143-1165.
Burig KF. Epithelial (Nue) Splenic Cysts. Pathogenesis of the Mesothelial and So-Called Epidermoid Cysts of the Spleen. *Am J Surg Pathol* 1988; 12(4):275-281.
Garvin DF and King FM. Cysts and Nonlymphomatous Tumors of the Spleen. *Path Annu* 1981; 16 Pt 1:16-80.

SAN DIEGO - Hodgkin's disease
VAN NUYS - Hodgkin's disease consistent with cellular phase of nodular sclerosis (3)
OAKLAND - Hodgkin's disease (3)
MICHIGAN (Foote Hospital) - Hodgkin's disease
INDIANA (Fort Wayne) - Hodgkin's lymphoma, spleen
OAKLAHOMA (Ardmore) - Ki-1 lymphoma
LOUISIANA (Metairie) - Hodgkin's disease, nodular sclerosing type
TEXAS (VA Medical Center) - Hodgkin's disease
TEXAS (University of Texas) - Hodgkin's disease
FLORIDA (Winter Haven) - Hodgkin's disease, spleen
FLORIDA (Ocala) - Hodgkin's disease, favor MC
FLORIDA (Orlando) - Hodgkin's disease, spleen
FLORIDA (Kendall Medical Center) - Hodgkin's disease
MARYLAND (National Naval Medical Center) - Hodgkin's disease
MARYLAND (Sinai Hospital of Baltimore) - Hodgkin's disease involving spleen
PENNSYLVANIA (Philadelphia) - Hodgkin's disease
MASSACHUSETTS (Longmeadow) - Hodgkin's disease, mixed cellularity, spleen
MASSACHUSETTS (Medfield) - Hodgkin's disease
CANADA (St. John's) - Hodgkin's disease
CANADA (Vancouver) - Hodgkin's disease
JAPAN (Hamamatsu) - Hodgkin's disease

DIAGNOSIS:

HODGKIN'S DISEASE, SPLEEN

T07000, M96503

REFERENCES:

Farrer-Brown G, Bennett MH, Harrison CV, et al. The Diagnosis of Hodgkin's Disease in Surgically Excised Spleens. *J Clin Pathol* 1972; 25(4):294-300.
Kadin ME, Glatstein E and Dorfman RF. Clinicopathologic Studies of 117 Untreated Patients Subjected to Laparotomy for the Staging of Hodgkin's Disease *Cancer* 1971; 27(6):1277-1294.

SAN DIEGO - Favor leukemic involvement of spleen
VAN NUYS - Hairy cell leukemia (1); Large granular cell lymphocytic leukemia (1);
Acute myelogenous leukemia (1)
OAKLAND - Acute myeloid leukemia (3)
MICHIGAN (Foote Hospital) - Leukemic infiltrate, myelogenous
INDIANA (Fort Wayne) - Leukemic infiltration of spleen-myeloid ?CML
OAKLAHOMA (Ardmore) - Acute leukemia
LOUISIANA (Metairie) - Chronic myelogenous leukemic infiltrate with blast
transformation
TEXAS (VA Medical Center) - Acute myeloid leukemia
TEXAS (University of Texas) - Hairy cell leukemia
FLORIDA (Winter Haven) - Leukemic infiltration, spleen
FLORIDA (Ocala) - Myeloproliferative disorder in blast phase
FLORIDA (Orlando) - Extramedullary myeloid tumor, spleen
FLORIDA (Kendall Medical Center) - Leukemic infiltrate of spleen, probable CML
MARYLAND (National Naval Medical Center) - Acute leukemia, favor AML
MARYLAND (Sinai Hospital of Baltimore) - Acute myeloid leukemia
PENNSYLVANIA (Philadelphia) - Leukemia, AML ?M7
MASSACHUSETTS (Longmeadow) - Acute myelogenous leukemia, spleen
MASSACHUSETTS (Medfield) - Acute promyelocytic leukemia
CANADA (St. John's) - Acute myeloid leukemia
CANADA (Vancouver) - Acute myeloid leukemia
JAPAN (Hamamatsu) - Acute myeloid leukemia

DIAGNOSIS:

ACUTE LEUKEMIA (MYELOGENOUS), SPLEEN

T07000, M98013

REFERENCES:

- Traweek ST, Arber DA, Rappaport H and Brynes RK. Extramedullary Myeloid Cell Tumors. An Immunohistochemical and Morphologic Study of 28 Cases. *Am J Surg Pathol* 1993; 17(10):1011-1019.
- Neiman RS, Barcos M, Berard C, et al. Granulocytic Sarcoma. A Clinicopathologic Study of 61 Biopsied Cases. *Cancer* 1981; 48(6):1426-1437.
- Zeppa PV, Vetrani A, Luciano L, et al. Fine Needle Aspiration Biopsy of the Spleen. A Useful Procedure in the Diagnosis of Splenomegaly. *Acta Cytol* 1994; 38(3):299-309.
- Calasanz MJ, Cigudosa JC, Otero MD, Ferreira C, Ardanaz MT, et al. Cytogenetic Analysis of 280 Patient with Multiple Myeloma and Related Disorders. Primary Breakpoints and Clinical Correlations. *Genes Chromosome Cancer* 1997; 18(2):84-93.
- Hallek M, Bergsagel PL and Anderson KC. Multiple Myeloma. Increasing Evidence for a Multistep Transformation Process. *Blood* 1998; 91(1):3-21.

SAN DIEGO - Favor angiocentric T-cell lymphoma
VAN NUYS - Malignant lymphoma, large B-cell immunoblastic (3)
OAKLAND - Large cell lymphoma (3)
MICHIGAN (Foote Hospital) - Large cell B-cell lymphoma
INDIANA (Fort Wayne) - T-cell lymphoma, spleen
OAKLAHOMA (Ardmore) - Immunoblastic lymphoma
LOUISIANA (Metairie) - Large B-cell lymphoma, plasmacytic-immunoblastic type
TEXAS (VA Medical Center) - Non Hodgkin's lymphoma, large cell type
TEXAS (University of Texas) - Lymphoplasmacytoid lymphoma
FLORIDA (Winter Haven) - Myeloma, spleen
FLORIDA (Ocala) - High grade B-cell lymphoma
FLORIDA (Orlando) - Extramedullary myeloid tumor, spleen
FLORIDA (Kendall Medical Center) - Splenic infarct
MARYLAND (National Naval Medical Center) - Large B-cell lymphoma
MARYLAND (Sinai Hospital of Baltimore) - Agnogenic myeloid metaplasia
PENNSYLVANIA (Philadelphia) - Acute lymphatic leukemia-L2
MASSACHUSETTS (Longmeadow) - B-cell lymphoma, spleen
MASSACHUSETTS (Medfield) - Non-Hodgkin's lymphoma (B-cell type)
CANADA (St. John's) - Spindle cell pseudotumor of spleen
CANADA (Vancouver) - Large cell lymphoma, immunoblastic
JAPAN (Hamamatsu) - Lymphoma

DIAGNOSIS:

LARGE CELL LYMPHOMA, SPLEEN

T07000, M95903

FOLLOW-UP: The patient expired two months after surgery.

REFERENCES:

- Falk S and Stutte HJ. Primary Malignant Lymphomas of the Spleen. A Morphologic and Immunohistochemical Analysis of 17 Cases. *Cancer* 1990; 66(12):2612-2619.
- Zoldan MC, Inghirami G, Masuda Y, et al. Large-Cell Variants of Mantle Cell Lymphoma. Cytologic Characteristics and p53 Abnormalities May Predict Poor Prognosis. *Br Hematol* 1996; 93(2):475-486.
- Greiner TC, Moynihan MJ, Chan WC, et al. p53 Mutations in Mantle Cell Lymphoma are Associated with Variant Cytology and Predict a Poor Prognosis. *Blood* 1996; 87(10):4302-4310.
- Dyomin VG, Rao PH, Dalla-Favera R, et al. BCL8, a Novel Gene Involved in Translocations Affecting Band 15q 11-13 in Diffuse Large Cell Lymphoma. *Proc Natl Acad Sci USA* 1997; 94(11):5728-5732.
- Wong KF, Chan JKC, Matutes E, McCarthy K, et al. Hepatosplenic Gamma Delta T-Cell Lymphoma. A Distinctive Aggressive Lymphoma Type. *Am J Surg Pathol* 1995; 19(6):718-726.

SAN DIEGO - Malignant lymphoma vs. leukemia
VAN NUYS - Acute leukemia, monocytic type (3)
OAKLAND - Acute myelomonocytic leukemia (3)
MICHIGAN (Foote Hospital) - Leukemic infiltrate, myelogenous
INDIANA (Fort Wayne) - Leukemic involvement of spleen? monocytic type
OAKLAHOMA (Ardmore) - Acute lymphatic leukemia
LOUISIANA (Metairie) - Acute monocytic leukemia, spleen
TEXAS (VA Medical Center) - Acute myeloid leukemia (M4)
TEXAS (University of Texas) - Lymphoblastic leukemia/lymphoma
FLORIDA (Winter Haven) - Monocytic leukemia, spleen
FLORIDA (Ocala) - Monocytic leukemia
FLORIDA (Orlando) - Extramedullary myeloid tumor, spleen
FLORIDA (Kendall Medical Center) - Leukemic infiltrate of spleen, acute myelomonocytic
MARYLAND (National Naval Medical Center) - Acute leukemia, favor acute monocytic leukemia (M4-5)
MARYLAND (Sinai Hospital of Baltimore) - Acute monocytic (monoblastic) leukemia
PENNSYLVANIA (Philadelphia) - Acute monocytic leukemia (M4-5)
MASSACHUSETTS (Longmeadow) - Acute myelomonocytic leukemia, spleen
MASSACHUSETTS (Medfield) - Chronic myelogenous leukemia
CANADA (St. John's) - Acute monocytic leukemia
CANADA (Vancouver) - Acute monocytic leukemia
JAPAN (Hamamatsu) - Acute monocytic leukemia

DIAGNOSIS:

ACUTE LEUKEMIA, SPLEEN

T07000, M98013

CONSULTATION (1975): Dr. Rappaport – “Chronic granulocytic leukemia in blast crisis.”

REFERENCES:

Sawyers C, Danny C and Witte O. Leukemia and the Disruption of Normal Hematopoiesis. *Cell* 1991; 64(2):337-350.
Foon KA and Tood RF. Immunological Classification of Leukemia and Lymphoma. *Blood* 1986; (1):1-31.
Torres H, Dutreuil P, et al. C-fms Expression in Acute Leukemias with Complex Phenotypes. *Leukemia* 1990; 4(10):673.
Bennet JM, Catovsky D, Boniel MT, et al. Proposed Revised Criteria for the Classification of Acute Myeloid Leukemias. *Am Intern Med* 1985; 103:620
Griffin JD, Larcom P and Sclossmar SF. Use of Surface Markers to Identify a Subset of Acute Myelomonocytic Leukemia Cells with Progenitor Cell Properties. *Blood* 1983; 62:1300-1303.

SAN DIEGO - Littoral cell angioma
VAN NUYS - Hemangiomas with gamma-gaundy bodies (3)
OAKLAND - Hemangioma (3)
MICHIGAN (Foote Hospital) - Splenic hamartoma
INDIANA (Fort Wayne) - Splenic hamartoma, spleen
OAKLAHOMA (Ardmore) - Capillary hemangioma
LOUISIANA (Metairie) - Hemangioma
TEXAS (VA Medical Center) - Hemangioma
TEXAS (University of Texas) - Hemangioma
FLORIDA (Winter Haven) - Hemangioma, spleen
FLORIDA (Ocala) - Littoral cell angioma
FLORIDA (Orlando) - Hemangioma, cavernous type, spleen
FLORIDA (Kendall Medical Center) - Capillary hemangioma of spleen
MARYLAND (National Naval Medical Center) - Hemangioma
MARYLAND (Sinai Hospital of Baltimore) - Hemangioma of spleen
PENNSYLVANIA (Philadelphia) - Capillary hemangioma
MASSACHUSETTS (Longmeadow) - Hemangioma, spleen
MASSACHUSETTS (Medfield) - Littoral cell angioma
CANADA (St. John's) - Splenic hemangioma
CANADA (Vancouver) - Multifocal hemangioma
JAPAN (Hamamatsu) - Littoral cell angioma

DIAGNOSIS:

HEMANGIOMA, SPLEEN

T07000, M91200

CONSULTATION: Richard Kempson, M.D. Stanford Health Services. "Cavernous Hemangiomas."

REFERENCES:

Garvin DF and King FM. Cysts and Nonlymphomatous Tumors of the Spleen. *Pathol Ann* (Part 1) 1981; 16 Pt 1:61-80.
Tang WY, et al. Splenic Littoral Cell Angioma, Not Bacillary Angiomatosis. *Pathol* 1994; 26(3):347.
Falk S, Stutte J and Frizzers G. Littoral Cell Angioma. A Novel Vascular Lesion Demonstrating Histiocytic Differentiation. *Am J Surg Pathol* 1991; 15(1):1023-1033.
Arber DA, Strickler JG, Chen Y-Y and Weiss LM. Splenic Vascular Tumors. A Histologic, Immunophenotypic and Virologic Study. *Am J Surg Pathol* 1997; 21(7):827-835.

SAN DIEGO - Angiosarcoma
VAN NUYS - Angiosarcoma, high grade (3)
OAKLAND - Kaposi's sarcoma (3)
MICHIGAN (Foote Hospital) - Angiosarcoma
INDIANA (Fort Wayne) - Angiosarcoma, spleen
OAKLAHOMA (Ardmore) - Kaposi's sarcoma vs. well differentiated angiosarcoma
LOUISIANA (Metairie) - Angiosarcoma
TEXAS (VA Medical Center) - Kaposi's sarcoma
TEXAS (University of Texas) - Angiosarcoma
FLORIDA (Winter Haven) - Angiosarcoma, spleen
FLORIDA (Ocala) - Angiosarcoma
FLORIDA (Orlando) - Angiosarcoma, spleen
FLORIDA (Kendall Medical Center) - Peliosis
MARYLAND (National Naval Medical Center) - Kaposi's sarcoma (8); Angiosarcoma (2)
MARYLAND (Sinai Hospital of Baltimore) - Spindle cell hemangioendothelioma (of intermediate grade malignancy)
PENNSYLVANIA (Philadelphia) - Splenic infarcts
MASSACHUSETTS (Longmeadow) - Spindle cell hemangioendothelioma, spleen
MASSACHUSETTS (Medfield) - Hemangioendothelial sarcoma
CANADA (St. John's) - Kaposi's sarcoma
CANADA (Vancouver) - Angiosarcoma
JAPAN (Hamamatsu) - Angiosarcoma

DIAGNOSIS:

KAPOSIFORM ("SPINDLE CELL") ANGIOSARCOMA, SPLEEN
T07000, M91203

REFERENCES:

Aranha GV, Gold J and Grage TB. Hemangiosarcoma of the Spleen. Report of a Case and Review of Previously Reported Cases. *J Surg Oncol* 1976; 8(6):481-487.
Autry JR and Weitzner S. Hemangiosarcoma of the Spleen with Spontaneous Rupture. *Cancer* 1975; 35(2):534-539.
Chen KTK, Boles JC and Gilbert EF. Angiosarcoma of the Spleen. A Report of Two Cases and Review of the Literature. *Arch Pathol Lab Med* 1979; 103(3):122-124.

SAN DIEGO - Kaposi's sarcoma
VAN NUYS - Kaposi's sarcoma (3)
OAKLAND - Kaposi's sarcoma (2); Angiosarcoma (1)
MICHIGAN (Foote Hospital) - Kaposi's sarcoma
INDIANA (Fort Wayne) - Kaposi's sarcoma, skin (not lymph node)
OAKLAHOMA (Ardmore) - Kaposi's sarcoma
LOUISIANA (Metairie) - Kaposi's sarcoma
TEXAS (VA Medical Center) - Kaposi's sarcoma
TEXAS (University of Texas) - Kaposi's sarcoma
FLORIDA (Winter Haven) - Kaposi's sarcoma, spleen
FLORIDA (Ocala) - Kaposi's sarcoma
FLORIDA (Orlando) - Kaposi's sarcoma, lymph node
FLORIDA (Kendall Medical Center) - Hemangioma (Osler's D?)
MARYLAND (National Naval Medical Center) - Kaposi's sarcoma (9); Angiosarcoma (1)
MARYLAND (Sinai Hospital of Baltimore) - Kaposi's sarcoma
PENNSYLVANIA (Philadelphia) - Kaposi's sarcoma
MASSACHUSETTS (Longmeadow) - Spindle cell angiosarcoma, lymph node
MASSACHUSETTS (Medfield) - Kaposi's sarcoma
CANADA (St. John's) - Kaposi's sarcoma, skin
CANADA (Vancouver) - Angiosarcoma
JAPAN (Hamamatsu) - Angiosarcoma

DIAGNOSIS:

KAPOSI'S SARCOMA, MULTIPLE SITES (SPLEEN, LYMPH NODE, SKIN)
T07000, M91403

REFERENCES:

Dorfman RF. Kaposi's Sarcoma Revisited. *Hum Pathol* 1984; 15(11):1013-1017.
Dorfman RF. Kaposi's Sarcoma. With Special Reference to its Manifestations in Infants and Children and to the Concepts of Arthur Purdy Stout. *Am J Surg Pathol* 1986; 10(Supplement 1):68-77.

SAN DIEGO - Malignant melanoma
VAN NUYS - Interdigitating reticulum cell sarcoma (3)
OAKLAND - Melanoma (3)
MICHIGAN (Foote Hospital) - Melanoma
INDIANA (Fort Wayne) - Metastatic melanoma, intraparotid lymph node
OAKLAHOMA (Ardmore) - Alveolar soft part sarcoma (alveolar rhabdo)
LOUISIANA (Metairie) - Langhans cell histiocytosis
TEXAS (VA Medical Center) - Myoepithelioma
TEXAS (University of Texas) - Myoepithelioma
FLORIDA (Winter Haven) - Metastatic melanoma, mode
FLORIDA (Ocala) - Melanoma, metastatic
FLORIDA (Orlando) - Myoepithelial carcinoma, parotid gland
FLORIDA (Kendall Medical Center) - Malignant, NOS
MARYLAND (National Naval Medical Center) - Metastatic malignant melanoma (4);
Metastatic malignant myoepithelioma (4); Metastatic medullary carcinoma (2)
MARYLAND (Sinai Hospital of Baltimore) - Metastatic melanoma
PENNSYLVANIA (Philadelphia) - Reticulum cell sarcoma-r/o malignant melanoma
MASSACHUSETTS (Longmeadow) - Myoepithelioma, parotid gland
MASSACHUSETTS (Medfield) - Malignant paraganglioma
CANADA (St. John's) - Metastatic malignant melanoma
CANADA (Vancouver) - Metastatic melanoma
JAPAN (Hamamatsu) - Malignant melanoma

DIAGNOSIS:

**MALIGNANT MELANOMA, PROBABLY METASTATIC,
INTRAPAROTID LYMPH NODE**

T08140, M87203

REFERENCES:

van Duinen SG, Ruiter DJ, Hageman P, et al. Immunohistochemical Tools in the Diagnosis of Amelanotic Melanoma. Cancer 1984; 53:1566-1573.
Palmer AA, Hall BE and Lew M. A Comparison of Some Methods for Identifying Amelanotic and Oligomelanotic Melanoma Metastases in Paraffin Sections. Pathol 1985; 17:335-339.
Corwin DJ and Gown AM. Review of Selected Lineage-Directed Antibodies Useful in Routinely Processed Tissue. Arch Pathol Lab Med 1989; 113:645-652.

SAN DIEGO - Metastatic malignant mixed mullerian tumor with heterologous (rhabdomyosarcoma) elements
VAN NUYS - Metastatic malignant mixed mullerian tumor, heterologous (3)
OAKLAND - Malignant mixed mullerian tumor (3)
MICHIGAN (Foote Hospital) - Carcinosarcoma, possibly ovarian metastasis
INDIANA (Fort Wayne) - Carcinosarcoma, r/o malignant germ cell neoplasm with teratoid features
OAKLAHOMA (Ardmore) - Malignant mixed germ cell tumor
LOUISIANA (Metairie) - Metastatic carcinosarcoma with neuroendocrine differentiation (hepatoid carcinosarcoma) consistent with dedifferentiated primary ovarian adenocarcinoma)
TEXAS (VA Medical Center) - Metastatic malignant mixed mullerian tumor
TEXAS (University of Texas) - Malignant mixed mullerian tumor, metastatic
FLORIDA (Winter Haven) - Malignant mixed mesodermal tumor
FLORIDA (Ocala) - Carcinosarcoma with rhabdoid elements
FLORIDA (Orlando) - Metastatic carcinosarcoma with germ cell elements, lymph node
FLORIDA (Kendall Medical Center) - Malignant teratoma (metastatic)
MARYLAND (National Naval Medical Center) - Metastatic, mixed mullerian tumor, malignant
MARYLAND (Sinai Hospital of Baltimore) - Metastatic mixed mullerian tumor
PENNSYLVANIA (Philadelphia) - Rhabdomyosarcoma
MASSACHUSETTS (Longmeadow) - Metastatic mesodermal tumor (ovarian region)
MASSACHUSETTS (Medfield) - Metastatic immature teratoma
CANADA (St. John's) - Metastatic malignant mixed mullerian tumor
CANADA (Vancouver) - Malignant mixed mullerian tumor (rhabdomyoblastic differentiation)
JAPAN (Hamamatsu) - Malignant mesenchymoma

DIAGNOSIS:

**METASTATIC CARCINOSARCOMA, MOST CONSISTENT WITH
MALIGNANT MIXED MULLERIAN TUMOR, CERVICAL LYMPH NODE
T08200, M89803**

REFERENCES:

Robert NJ, Garnick MB and Frei E. Cancers of Unknown Origin. Current Approaches and Future Perspectives. *Semin Oncol* 1982; 9(4):526-531.
Jesse RH, Perez CA and Fletcher G. Cervical Lymph Node Metastasis. Unknown Primary. *Cancer* 1973; 31(4):854-859.
Molinari R, Cantu G, Chiesa F, et al. A Statistical Approach to Detection of the Primary Cancer Based on the Site of Neck Lymph Node Metastases. *Tumori* 1977; 63(3):267-282.