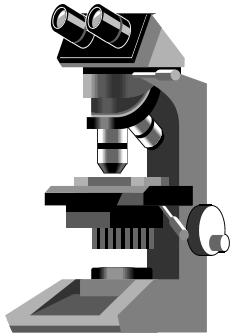


CALIFORNIA
TUMOR TISSUE REGISTRY



HEAD AND NECK PATHOLOGY

Minutes – Subscription B

October 2000

SUGGESTED READING (General Topics from Recent Literature):

- Mosnier J-F and Balique J-G. Pleomorphic Giant Cell Carcinoma of the Esophagus With Coexpression of Cytokeratin and Vimentin and Neuroendocrine Differentiation. *Arch Pathol Lab Med* 2000; 124:135-138.
- Miettinen M, Sarlomo-Rikala M, Sobin LH and Lasota J. Esophageal Stromal Tumors. A Clinicopathologic, Immunohistochemical, and Molecular Genetic Study of 17 Cases and Comparison With Esophageal Leiomyomas and Leiomyosarcomas. *Am J Surg Pathol* 2000; 24(2):211-222.
- Stokkel MPM, Moons KGM, ten Brock F-W, van Rijk PP and Hordijk G-J. F-Fluorodeoxyglucose Dual-Head Positron Emission Tomography as a Procedure for Detecting Simultaneous Primary Tumors in Cases of Head and Neck Cancer. *Cancer* 1999; 86(11):2370.
- Polkowski W, van Lanschot JJB, et al. Intestinal and Pancreatic Metaplasia at the Esophagogastric Junction in Patients without Barrett's Esophagus. *Amer J of Gastroenterol* 2000; 99(3):617-625.

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) 558-4788
FAX: (909) 558-0188
E-mail: cttr@linkline.com
Case of the Month: www.llu.edu/llu/cttr/cotm
Web page: www.cttr.org

LLUMC Pathology Residents - Warthin's tumor
Mountain View (El Camino Hospital) - Warthin's tumor
Glendale (Glendale Pathology Associates) - Warthin's tumor
Bakersfield - Warthin's tumor
Richmond - Papillary cystadenoma lymphomatosum (Warthin's tumor)
Sacramento (UC Davis Medical Center) -
Utah (APA) - Warthin's tumor
Colorado (Unipath) - Warthin's tumor
Nebraska (Good Samaritan Hospital) - Warthin's tumor
Texas (San Angelo) - Warthin's tumor
Texas (Lubbock) - Warthin's tumor
Missouri (Joplin) - Warthin's tumor
Arkansas (Little Rock) - Warthin's tumor (papillary cystadenoma lymphomatosum)
Illinois (Marion Memorial Hospital) - Papillary cystadenoma lymphomatosum
Illinois (Chicago) - Warthin's tumor (2)
Indiana (Fort Wayne) - Warthin's tumor
Mississippi (Brookhaven) - Warthin's tumor
Michigan (Grand Rapids) - Warthin's tumor
Michigan (St. Mary's Hospital) - Warthin's tumor
Alabama (Cunningham Pathology) - Warthin's tumor
Ohio (University Hospitals of Cleveland) - Warthin's tumor
Ohio, Columbus - Warthin's tumor
Florida (Winter Haven Hospital) - Warthin's tumor (3)
Florida (Monroe Regional Medical Center) - Warthin's tumor
Maryland (University of Maryland) - Warthin's tumor (papillary cystadenoma lymphomatosum)
Pennsylvania (Conemaugh Memorial Medical Center Residents) - Warthin's tumor
New York (Staten Island University Hospital) - Warthin's tumor (2)
Massachusetts (Providence Pathology Associates) - Warthin's tumor
Canada (Foothills Hospital) - Warthin's tumor
Japan (Minami-ku, Sapporo) - Warthin's tumor
Japan (Kawasaki Medical School) - Warthin's tumor (4)
Japan (Hamamatsu University School of Medicine) - Warthin's tumor
China (Sir Run Run Shaw Hospital) - Warthin's tumor
Singapore - Warthin's tumor
Spain, Vigo (Povisa - Anatomia Patologica) - Warthin's tumor
Saudi Arabia (King Khalid University Hospital) - Adenolymphoma (Warthin's tumor)

DIAGNOSIS:

Warthin's tumor, parotid
T-55120, M-85610

REFERENCES:

- Eveson JW and Cawson RA. Salivary Gland Tumours. A Review of 2410 Cases with Particular Reference to Histological Types, Site, Age and Sex Distribution. *J Pathol* 1985; 146(1):51-58.
- Batsakis JG, Sniege N and el-Naggar AK. Fine-Needle Aspiration of Salivary Glands. Its Utility and Tissue Effects. *Ann Otol Rhinol Laryngol* 1992; 101(2 Pt 1):185-188.
- Bullerdick J, Haubrich J, Meyer K and Bartnitzke S. Translocation t(11;19)(q21;p13.1) as the Sole Chromosome Abnormality in a Cystadenolymphoma (Warthin's Tumor) of the Parotid Gland. *Cancer Genet Cytogenet* 1988; 35(1):129-132.
- Renehan A, Gleave EN and McGurk M. An Analysis of the Treatment of 114 Patients with Recurrent Pleomorphic Adenomas of the Parotid Gland. *Am J Surg* 1996; 172(6):710-714.

LLUMC Pathology Residents - Pleomorphic adenoma
Mountain View (El Camino Hospital) - Mixed tumor with prominent myoepithelial component
Glendale (Glendale Pathology Associates) - Pleomorphic adenoma
Bakersfield - Mixed tumor
Richmond - Benign mixed tumor (pleomorphic adenoma)
Sacramento (UC Davis Medical Center) - Pleomorphic adenoma , parotid
Utah (APA) - Pleomorphic adenoma
Colorado (Unipath) - Mixed tumor
Nebraska (Good Samaritan Hospital) - Pleomorphic adenoma
Texas (San Angelo) - Pleomorphic adenoma
Texas (Lubbock) - Cellular mixed tumor
Missouri (Joplin) - Mixed tumor
Arkansas (Little Rock) - Pleomorphic adenoma
Illinois (Marion Memorial Hospital) - Pleomorphic adenoma
Illinois (Chicago) - Mixed tumor
Indiana (Fort Wayne) - Pleomorphic adenoma (benign mixed tumor)
Mississippi (Brookhaven) - Pleomorphic adenoma
Michigan (Grand Rapids) - Mixed tumor
Michigan (St. Mary's Hospital) - Pleomorphic adenoma
Alabama (Cunningham Pathology) - Pleomorphic adenoma
Ohio (University Hospitals of Cleveland) - Pleomorphic adenoma
Ohio, Columbus - Mixed tumor
Florida (Winter Haven Hospital) - Benign mixed tumor (pleomorphic adenoma)
Florida (Monroe Regional Medical Center) - Pleomorphic adenoma
Maryland (University of Maryland) - Mixed tumor (pleomorphic adenoma)
Pennsylvania (Conemaugh Memorial Medical Center Residents) - Benign pleomorphic adenoma
New York (Staten Island University Hospital) - Pleomorphic adenoma (2)
Massachusetts (Providence Pathology Associates) - Pleomorphic adenoma
Canada (Foothills Hospital) - Pleomorphic adenoma
Japan (Minami-ku, Sapporo) - Pleomorphic adenoma
Japan (Kawasaki Medical School) - Mixed tumor (4)
Japan (Hamamatsu University School of Medicine) - Pleomorphic adenoma
China (Sir Run Run Shaw Hospital) - Mixed tumor (pleomorphic adenoma)
Singapore - Pleomorphic adenoma
Spain, Vigo (Povisa -Anatomia Patologica) - Pleomorphic adenoma
Saudi Arabia (King Khalid University Hospital) - Pleomorphic adenoma

DIAGNOSIS:

Pleomorphic adenoma (benign mixed tumor), parotid

T-55120, M-89400

REFERENCES:

- Bullerdiek J, Wobst G, Meyer-Bolte, et al. Cytogenetic Subtyping of 220 Salivary Gland Pleomorphic Adenomas. Correlation to Occurrence, Histological Subtype, and in Vitro Cellular Behavior. *Cancer Genet Cytogenet* 1993; 65(1):27-31.
 Campbell WG Jr, Priest RE and Weathers DR. Characterization of Two Types of Crystalloids in Pleomorphic Adenomas of Minor Salivary Glands. A Light-Microscopic, Electron-Microscopic and Histochemical Study. *Am J Pathol* 1985; 118(2):194-202.
 Ostrzega N, Cheng L and Layfield L. Glial Fibrillary Acid Protein Immunoreactivity in Fine-Needle Aspiration of Salivary Gland Lesions. A Useful Adjunct for the Differential Diagnosis of Salivary Gland Neoplasms. *Diagn Cytopathol* 1989; 5(2):145-149.
 Martin AR, Mantravadi J, Kotylo PK, Mullins R, et al. Proliferative Activity and Aneuploidy in Pleomorphic Adenomas of the Salivary Glands. *Arch Pathol Lab Med* 1994; 118(3):252-259.
 Yamashita T, Tomoda K and Kumazawa T. The Usefulness of Partial Parotidectomy for Benign Parotid Gland Tumors. A Retrospective Study of 306 Cases. *Acta Otolaryngol Suppl* 1993; 500:113-116.

LLUMC Pathology Residents - Basal cell adenoma, predominantly solid type
Mountain View (El Camino Hospital) - Basal cell adenoma
Glendale (Glendale Pathology Associates) - Monomorphic adenoma
Bakersfield - Basal cell adenoma
Richmond - Basal cell adenoma
Sacramento (UC Davis Medical Center) - Basal cell adenoma
Utah (APA) - Basal cell adenoma
Colorado (Unipath) - Basal cell adenoma
Nebraska (Good Samaritan Hospital) - Basal cell adenoma
Texas (San Angelo) - Monomorphic adenoma (basal cell adenoma)
Texas (Lubbock) - Basal cell adenoma
Missouri (Joplin) - Monophasic (monomorphic) adenoma
Arkansas (Little Rock) - Basal cell adenoma, trabecular type
Illinois (Marion Memorial Hospital) - Basal cell adenoma, solid type
Illinois (Chicago) - Adenoid cystic carcinoma (cylindroma)
Indiana (Fort Wayne) - Basal cell adenoma
Mississippi (Brookhaven) - Basal cell (monomorphic) adenoma
Michigan (Grand Rapids) - Basal cell adenoma
Michigan (St Mary's Hospital) - Basal cell adenoma
Alabama (Cunningham Pathology) - Basal cell adenoma
Ohio (University Hospitals of Cleveland) - Basal cell adenoma
Ohio, Columbus - Monomorphic adenoma
Florida (Winter Haven Hospital) - Basal cell adenoma (3)
Florida (Monroe Regional Medical Center) - Basal cell adenoma
Pennsylvania (Conemaugh Memorial Medical Center Residents) - Basal cell adenoma
Maryland (University of Maryland) - Basal cell adenoma
New York (Staten Island University Hospital) - Basal cell adenoma (2)
Massachusetts (Providence Pathology Associates) - Basal cell adenoma
Canada (Foothills Hospital) - Basal cell adenoma
Japan (Minami-ku, Sapporo) - Basal cell adenoma
Japan (Kawasaki Medical School) - Basal cell adenoma (3); Basal cell carcinoma (1)
Japan (Hamamatsu University School of Medicine) - Basal cell adenoma
China (Sir Run Run Shaw Hospital) - Basal cell adenoma
Singapore - Basal cell adenoma
Spain, Vigo (Povisa - Anatomia Patologica) - Basal cell adenoma
Saudi Arabia (King Khalid University Hospital) - Monomorphic adenoma (basal cell adenoma)

DIAGNOSIS:**Basal cell adenoma, parotid**

T-55100, M-81470

REFERENCES:

- Gardner DG and Daley TD. The Use of the Terms Monomorphic Adenoma, Basal Cell Adenoma, and Canalicular Adenoma as Applied to Salivary Gland Tumors. *Oral Surg Oral Med Oral Pathol* 1983; 56(6):608-615.
- Gupta RK, Naran S, Dowle C and Simpson JS. Coexpression of Vimentin, Cytokeratin and S-100 in Monomorphic Adenoma of Salivary Gland; Value of Marker Studies in the Differential Diagnosis of Salivary Gland Tumors. *Cytopathol* 1992; 3(5):303-309.
- Ogawa I, Nika H, Takata T, et al. The Cellular Composition of Basal Cell Adenoma of the Parotid Gland. An Immunohistochemical Analysis. *Oral Surg Oral Med Oral Pathol* 1990; 70(5):619-626.
- Mintz GA, Abrams AM and Melrose RJ. Monomorphic Adenomas of the Major and Minor Salivary Glands. Report of Twenty-One Cases and Review of the Literature. *Oral Surg Oral Med Oral Pathol* 1982; 53(4):375-386.

LLUMC Pathology Residents - Oncocytoma (4); Nodular oncocytic hyperplasia (1)

Mountain View (El Camino Hospital) - Oncocytoma

Glendale (Glendale Pathology Associates) - Oncocytoma

Bakersfield - Oncocytoma

Richmond - Oncocytoma

Utah (APA) - Oncocytoma

Colorado (Unipath) - Oncocytoma

Nebraska (Good Samaritan Hospital) - Oncocytoma

Texas (San Angelo) - Oncocytoma

Texas (Lubbock) - Oncocytoma

Missouri (Joplin) - Oncocytoma

Arkansas (Little Rock) - Oxyphilic adenoma (oncocytoma)

Illinois (Marion Memorial Hospital) - Oncocytoma

Illinois (Chicago) - Oncocytoma

Indiana (Fort Wayne) - Oncocytoma

Mississippi (Brookhaven) - Oncocytoma

Michigan (Grand Rapids) - Oncocytoma

Michigan (St Mary's Hospital) - Oncocytoma

Alabama (Cunningham Pathology) - Oncocytoma

Ohio (University Hospitals of Cleveland) - Oncocytoma

Ohio, Columbus - Oncocytoma

Florida (Winter Haven Hospital) - Oxyphil adenoma (3)

Florida (Monroe Regional Medical Center) - Oncocytoma

Pennsylvania (Conemaugh Memorial Medical Center Residents) - Oncocytoma

Maryland (University of Maryland) - Oncocytoma

New York (Staten Island University Hospital) - Oncocytoma (2)

Massachusetts (Providence Pathology Associates) - Oncocytoma

Canada (Foothills Hospital) - Oncocytoma

Japan (Minami-ku, Sapporo) - Oxyphilic adenoma

Japan (Kawasaki Medical School) - Oncocytoma (4)

Japan (Hamamatsu University School of Medicine) - Oncocytoma

China (Sir Run Run Shaw Hospital) - Oncocytoma

Singapore - Oncocytoma

Spain, Vigo (Povisa -Anatomia Patologica) - Oncocytoma

Saudi Arabia (King Khalid University Hospital) - Oncocytoma

DIAGNOSIS:

Oncocytoma, parotid

T-55100, M-82900

REFERENCES:

Brandwein MS and Huvos AG. Oncocytic Tumors of Major Salivary Glands. A Study of 68 Cases with Follow-Up of 44 Patients. *Am J Surg Pathol* 1991; 15(6):514-528.

Palmer TJ, Gleeson MJ, Eveson JW and Cawson RA. Oncocytic Adenomas and Oncocytic Hyperplasia of Salivary Glands. A Clinicopathological Study of 26 Cases. *Histopath* 1990; 16(5):487-493.

Gray SR, Cornog JL Jr. and Seo IS. Oncocytic Neoplasms of Salivary Glands. A Report of Fifteen Cases Including Two Malignant Oncocytomas. *Cancer* 1976; 38(3):1306-1317.

LLUMC Pathology Residents - Acinic cell adenocarcinoma, papillary cystic type
Mountain View (El Camino Hospital) - Acinic cell carcinoma, papillary cystic variant
Glendale (Glendale Pathology Associates) - Acinic cell carcinoma
Bakersfield - Oncocytic carcinoma
Richmond - Inflammatory pseudotumor
Utah (APA) - Acinic cell carcinoma
Colorado (Unipath) - Oncocytoma
Nebraska (Good Samaritan Hospital) - Adenocarcinoma, NOS, low grade
Texas (San Angelo) - Acinic cell carcinoma
Texas (Lubbock) - Adenocarcinoma, NOS
Missouri (Joplin) - Adenocarcinoma
Arkansas (Little Rock) - Acinic cell carcinoma (vacuolated cell type)
Illinois (Marion Memorial Hospital) - Sebaceous adenoma
Illinois (Chicago) - Mucoepidermoid carcinoma
Indiana (Fort Wayne) - Cyst adenoma, papillary
Mississippi (Brookhaven) - Pleomorphic adenoma
Michigan (Grand Rapids) - Acinic cell carcinoma
Michigan (St Mary's Hospital) - Acinic cell carcinoma
Alabama (Cunningham Pathology) - Salivary duct carcinoma
Ohio (University Hospitals of Cleveland) - Adenocarcinoma, NOS
Ohio, Columbus - Adenocarcinoma
Florida (Winter Haven Hospital) - Adenocarcinoma (3)
Florida (Monroe Regional Medical Center) - Adenocarcinoma
Pennsylvania (Conemaugh Memorial Medical Center Residents) - Acinic cell carcinoma, papilocystic variant
Maryland (University of Maryland) - Adenocarcinoma, NOS
New York (Staten Island University Hospital) - Mucoepidermoid carcinoma (1); Acinic cell carcinoma (1)
Massachusetts (Providence Pathology Associates) - Adenocarcinoma, low grade, NOS
Canada (Foothills Hospital) - Oncocytic carcinoma
Japan (Minami-ku, Sapporo) - Acinar cell carcinoma
Japan (Kawasaki Medical School) - Acinic cell carcinoma (4)
Japan (Hamamatsu University School of Medicine) - Acinic cell adenocarcinoma
China (Sir Run Run Shaw Hospital) - Adenocarcinoma, acinic cell vs. unspecified
Singapore - Acinic cell tumor
Spain, Vigo (Povisa -Anatomia Patologica) - Low-grade adenocarcinoma (vs. oncocytoma)
Saudi Arabia (King Khalid University Hospital) - Acinic cell carcinoma

DIAGNOSIS:**Papilocystic acinic cell carcinoma, parotid**

T-55100, M-80103

CONSULTATION: David Klimstra, Memorial Sloan-Kettering Cancer Center. "Papilocystic acinic cell carcinoma."

REFERENCES:

- Chaudhry AP, Culter LS, Leifer C, et al. Histogenesis of Acinic Cell Carcinoma of the Major and Minor Salivary Glands. An Ultrastructural Study. *J Pathol* 1986; 148(4):307-320.
- Warner TF, Seo IS, Azen EA, et al. Immunohistochemistry of Acinic Cell Carcinomas and Mixed Tumors of Salivary Glands. *Cancer* 1985; 56(9):2221-2227.
- el-Naggar AK, Batsakis JG, Luna MA, et al. DNA Flow Cytometry of Acinic Cell Carcinomas of Major Salivary Glands. *J Laryngol Otol* 1990; 104(5):410-416.
- Hamper K, Mausch HE and Caselitz J. Acinic Cell Carcinoma of the Salivary Glands. The Prognostic Relevance of DNA Cytophotometry in a Retrospective Study of Long Duration (1965-1987). *Oral Surg Oral Med Oral Pathol* 1990; 69(1):68-75.

LLUMC Pathology Residents - Carotid body paraganglioma
Mountain View (El Camino Hospital) - Carotid body tumor (paraganglioma)
Glendale (Glendale Pathology Associates) - Paraganglioma
Bakersfield - Epithelial myoepithelial carcinoma
Richmond - Carotid body paraganglioma
Sacramento - Carotid body tumor, (paraganglioma)
Utah (APA) - Paraganglioma
Colorado (Unipath) - Mixed tumor
Nebraska (Good Samaritan Hospital) - Paraganglioma
Texas (San Angelo) - Carotid body paraganglioma
Texas (Lubbock) - Paraganglioma
Missouri (Joplin) - Glomus tumor
Arkansas (Little Rock) - Carotid body paraganglioma
Illinois (Marion Memorial Hospital) - Paraganglioma
Illinois (Chicago) - Chemodectoma (paraganglioma)
Indiana (Fort Wayne) - Hemangiopericytoma
Mississippi (Brookhaven) - Carotid body tumor
Michigan (Grand Rapids) - Carotid body tumor
Michigan (St Mary's Hospital) - Paraganglioma
Alabama (Cunningham Pathology) - Paraganglioma
Ohio (University Hospitals of Cleveland) - Hemangiopericytoma
Ohio, Columbus - Paraganglioma
Florida (Winter Haven Hospital) - Paraganglioma (3)
Florida (Monroe Regional Medical Center) - Hemangiopericytoma
Pennsylvania (Conemaugh Memorial Medical Center Residents) - Carotid body paraganglioma
Maryland (University of Maryland) - Carotid body paraganglioma
New York (Staten Island University Hospital) - Paraganglioma (2)
Massachusetts (Providence Pathology Associates) - Paraganglioma
Canada (Foothills Hospital) - Myoepithelioma
Japan (Minami-ku, Sapporo) - Paraganglioma
Japan (Kawasaki Medical School) - Paraganglioma (3); Hemangiopericytoma (1)
Japan (Hamamatsu University School of Medicine) - Carotid body, paraganglioma
China (Sir Run Run Shaw Hospital) - Paraganglioma
Singapore - Paraganglioma
Spain, Vigo (Povisa - Anatomia Patologica) - Paraganglioma
Saudi Arabia (King Khalid University Hospital) - Paraganglioma

DIAGNOSIS:

Carotid body tumor (paraganglioma)

T-94000, M-86921

REFERENCES:

Nora JD, Hallett JW Jr, Obrien PC, et al. Surgical Resection of Carotid Body Tumors. Long Term Survival, Recurrence and Metastasis. *Mayo Clin Proc* 1988; 63:348-352.
Shamblin WR, Remine WH, Sheps SG and Harrison EG. Carotid Body Tumor. (Chemodectoma). Clinicopathologic Analysis of Ninety Cases. *Am J Surg* 1971; 122(6):732-739.
LaMuraglia GM, Fabian RL, Brewster DC and Pile-Spellman J. The Current Surgical Management of Carotid Body Paragangliomas. *J Vascular Surg* 1992; 15(6):1044-1045.
Ridge BA, Brewster DC, Darling RC, et al. Familial Carotid Body Tumors. Incidence and Implications. *Ann Vasc Surg* 1993; 7(2):190-194.

LLUMC Pathology Residents - Embryonal rhabdomyosarcoma
Mountain View (El Camino Hospital) - Rhabdomyosarcoma, spindle cell type
Glendale (Glendale Pathology Associates) - Rhabdomyosarcoma
Bakersfield - Malignant mixed tumor (myxosarcoma)
Richmond - Rhabdomyosarcoma, botryoid type
Sacramento (UC Davis Medical Center) - Rhabdomyosarcoma buccal mucosa, favor pleomorphic
Utah (APA) - Rhabdomyosarcoma
Colorado (Unipath) - Sarcoma
Nebraska (Good Samaritan Hospital) - Rhabdomyosarcoma
Texas (San Angelo) - Leiomyosarcoma
Texas (Lubbock) - Rhabdomyosarcoma
Missouri (Joplin) - Myosarcoma
Arkansas (Little Rock) - Rhabdomyosarcoma, embryonal type
Illinois (Marion Memorial Hospital) - Rhabdomyosarcoma
Illinois (Chicago) - Rhabdomyosarcoma
Indiana (Fort Wayne) - Embryonal rhabdomyosarcoma, left buccal, vestibule zone
Mississippi (Brookhaven) - Rhabdomyosarcoma
Michigan (Grand Rapids) - Rhabdomyosarcoma
Michigan (St Mary's Hospital) - Rhabdomyosarcoma
Alabama (Cunningham Pathology) - Rhabdomyosarcoma, embryonal
Ohio (University Hospitals of Cleveland) - Malignant epithelial schwannoma
Ohio, Columbus - Rhabdomyosarcoma
Florida (Winter Haven Hospital) - Rhabdomyosarcoma (3)
Florida (Monroe Regional Medical Center) - Botryoid rhabdomyosarcoma
Pennsylvania (Conemaugh Memorial Medical Center Residents) - Rhabdomyosarcoma
Maryland (University of Maryland) - Embryonal rhabdomyosarcoma
New York (Staten Island University Hospital) - Rhabdomyosarcoma (1)
Massachusetts (Providence Pathology Associates) - Spindle cell rhabdomyosarcoma
Canada (Foothills Hospital) - Leiomyosarcoma
Japan (Minami-ku, Sapporo) - Leiomyosarcoma
Japan (Kawasaki Medical School) - Rhabdomyosarcoma (4)
Japan (Hamamatsu University School of Medicine) - Rhabdomyosarcoma, spindle cell
China (Sir Run Run Shaw Hospital) - Rhabdomyosarcoma
Singapore - Embryonal rhabdomyosarcoma
Spain, Vigo (Povisa -Anatomia Patologica) - Rhabdomyosarcoma
Saudi Arabia (King Khalid University Hospital) - Rhabdomyosarcoma

DIAGNOSIS:

Embryonal rhabdomyosarcoma, buccal region

T-51300, M-89103

CONSULTATION: AFIP, "Embryonal rhabdomyosarcoma."

REFERENCES:

- Chen SY, Thakur A, Miller AS, and Harwick RD. Rhabdomyosarcoma of the Oral Cavity. Report of Four Cases. *Oral Surg Oral Med Oral Pathol, Oral Radiol Endod* 1995; 80(2):192-192-201.
- El Naggas AK, Batsakis JG, Ordenez NG, et al. Rhabdomyosarcoma of the Adult Head and Neck. A Clinicopathological and DNA Ploidy Study. *J Laryngol Otol* 1992; 107:716-720.
- Cui S, Harada T, Takais, et al. Evaluation of New Monoclonal Ant-Myo D1 and Antimyogenic Antibodies for the Diagnosis of Rhabdomyosarcoma. *Pathol Int* 1999; 49(1): 62-68.

LLUMC Pathology Residents - Angiosarcoma (3); Kaposi's sarcoma (2)
Mountain View (El Camino Hospital) - Angiosarcoma
Glendale (Glendale Pathology Associates) - Angiosarcoma
Bakersfield - Malignant hemangioendothelioma (angiosarcoma)
Richmond - Angiosarcoma
Sacramento (UC Davis Medical Center) - Angiosarcoma, nose
Utah (APA) - Angiosarcoma
Colorado (Unipath) - Angiosarcoma
Nebraska (Good Samaritan Hospital) - Angiosarcoma
Texas (San Angelo) - Angiosarcoma
Texas (Lubbock) - Angiosarcoma
Missouri (Joplin) - Kaposi's sarcoma
Arkansas (Little Rock) - Angiosarcoma
Illinois (Marion Memorial Hospital) - Angiosarcoma
Illinois (Chicago) - Angiosarcoma
Indiana (Fort Wayne) - Pyogenic granuloma, right nostril
Mississippi (Brookhaven) - Angiosarcoma
Michigan (Grand Rapids) - Angiosarcoma
Michigan (St Mary's Hospital) - Kaposi's sarcoma (1); Angiosarcoma (1)
Alabama (Cunningham Pathology) - Angiosarcoma
Ohio (University Hospitals of Cleveland) - Angiosarcoma
Ohio, Columbus - Vascular tumor ? type
Florida (Winter Haven Hospital) - Kaposi's sarcoma (1); Hemangioendothelioma (2)
Florida (Monroe Regional Medical Center) - Angiosarcoma
Pennsylvania (Conemaugh Memorial Medical Center Residents) - Angiosarcoma
Maryland (University of Maryland) - Angiosarcoma
New York (Staten Island University Hospital) - Capillary lobular hemangioma (1); Papillary endothelial hyperplasia (1)
Massachusetts (Providence Pathology Associates) - Angiosarcoma, nasal mucosa
Canada (Foothills Hospital) - Epithelioid hemangioendothelioma
Japan (Minami-ku, Sapporo) - Angiosarcoma
Japan (Kawasaki Medical School) - Angiosarcoma (3); Kaposi's sarcoma (1)
Japan (Hamamatsu University School of Medicine) - Angiosarcoma
China (Sir Run Run Shaw Hospital) - Angiosarcoma
Singapore - Angiosarcoma
Spain, Vigo (Povisa -Anatomia Patologica) - Angiosarcoma (hemangiopericytoma)
Saudi Arabia (King Khalid University Hospital) - Angiosarcoma

DIAGNOSIS:

Angiosarcoma, nasal cavity

T-2X120, M-91203

REFERENCES:

Alles JU and Bosslet K. Immunocytochemistry of Angiosarcomas. A Study of 19 Cases With Special Emphasis on the Applicability of Endothelial Cell Specific Markers to Routinely Prepared Tissues. *Am J Clin Pathol* 1988; 89:463-471.
Fu Y-S and Perzin KH. Non-Epithelial Tumors of the Nasal Cavity, Paranasal Sinuses, and Nasopharynx. A Clinicopathologic Study Part 1. General Features and Vascular Tumors. *Cancer* 1974; 33:1275-1288.
Batsakis JG and Rice DH. The Pathology of Head and Neck Tumors. Vasoformative Tumors. *Head Neck Surg Part 9A* 1981(a); 3(4):231-239 and Part 9B 1981(b); 3(4):326-339.
Aust MR, Olsen KD, Lewis JE, et al. Angiosarcomas of the Head and Neck. Clinical and Pathologic Characteristics. *Ann Otol Rhinol Laryngol* 1997; 106(11):943-951.

LLUMC Pathology Residents - Extranodal Rosai-Dorfman disease
Mountain View (El Camino Hospital) - Rosai-Dorfman disease
Glendale (Glendale Pathology Associates) - Rosai-Dorfman disease
Bakersfield - Plasma cell granuloma
Richmond - Sinus histiocytosis with massive lymphadenopathy (Rosai-Dorfman disease)
Sacramento - Nasal glioma
Utah (APA) - Rosai-Dorfman disease
Colorado (Unipath) - Granular cell tumor
Nebraska (Good Samaritan Hospital) - Sinus histiocytosis with massive lymphadenopathy
Texas (San Angelo) - Idiopathic midline destructive disease
Texas (Lubbock) - Ganglioneuroma
Missouri (Joplin) - Wegners granulomatosis
Arkansas (Little Rock) - Rosai-Dorfman disease (sinus histiocytosis with massive lymphadenopathy)
Illinois (Marion Memorial Hospital) - Langerhans cell granulomatosis
Illinois (Chicago) - Rosai-Dorfman disease
Indiana (Fort Wayne) - Rosai-Dorfman disease
Mississippi (Brookhaven) - Xanthogranulomatosis inflammation
Michigan (Grand Rapids) - Rosai-Dorfman
Michigan (St Mary's Hospital) - Eosinophilic granuloma
Alabama (Cunningham Pathology) - Metastatic melanoma
Ohio (University Hospitals of Cleveland) - Rosai-Dorfman disease (sinus histiocytosis with massive lymphadenopathy)
Ohio, Columbus - Rosai-Dorfman disease
Florida (Winter Haven Hospital) - Rosai-Dorfman disease (1); Sinus histiocytosis (2)
Florida (Monroe Regional Medical Center) - Sarcoid
Pennsylvania (Conemaugh Memorial Medical Center Residents) - Rosai-Dorfman disease (sinus histiocytosis with massive lymphadenopathy)
Maryland (University of Maryland) - Rosai-Dorfman disease
New York (Staten Island University Hospital) - Midline malignant reticulosis (2)
Massachusetts (Providence Pathology Associates) - Rosai-Dorfman disease, nasal cavity
Canada (Foothills Hospital) - Rosai-Dorfman disease
Japan (Minami-ku, Sapporo) - Rosai-Dorfman disease
Japan (Kawasaki Medical School) - Rosai-Dorfman disease (3); Neuroblastoma (1)
Japan (Hamamatsu University School of Medicine) - Lennert's lymphoma
China (Sir Run Run Shaw Hospital) - Rhinoscleroma
Singapore - Rosai-Dorfman disease
Spain, Vigo (Povisa -Anatomia Patologica) - Granular cell tumor
Saudi Arabia (King Khalid University Hospital) - Extranodal Rosai-Dorfman disease (sinus histiocytosis with massive lymphadenopathy)

DIAGNOSIS:**Extranodal Rosai-Dorfman, Nostril**

T-21310, M-72000

CONSULTATION: Ronald Dorfman, M.D., Stanford Pathology Consultants. "Extranodal Rosai-Dorfman disease."

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LLUMC Pathology Residents - Langerhans' cell histiocytosis
Mountain View (El Camino Hospital) - Histiocytosis X
Glendale (Glendale Pathology Associates) - Histiocytosis X
Bakersfield - Eosinophilic granuloma
Richmond - Langerhans' cell histiocytosis
Sacramento (UC Davis Medical Center) - Eosinophilic granuloma
Utah (APA) - Langerhans' cell histiocytosis
Colorado (Unipath) - Granular cell tumor
Nebraska (Good Samaritan Hospital) - Langerhans' cell histiocytosis
Texas (San Angelo) - Eosinophilic granuloma
Texas (Lubbock) - Eosinophilic granuloma
Missouri (Joplin) - Primitive neuroectodermal tumor
Arkansas (Little Rock) - Langerhans' cell histiocytosis (histiocytosis X)
Illinois (Marion Memorial Hospital) - Langerhans' cell granulomatosis
Illinois (Chicago) - Eosinophilic granuloma
Indiana (Fort Wayne) - Eosinophilic granuloma (Langerhans' cell granulomatosis), maxilla
Mississippi (Brookhaven) - Histiocytosis
Michigan (Grand Rapids) - Langerhans' cell histiocytosis
Michigan (St Mary's Hospital) - Histiocytosis X (1); Eosinophilic granuloma (10
Alabama (Cunningham Pathology) - Eosinophilic granuloma
Ohio (University Hospitals of Cleveland) - Langerhans' cell histiocytosis
Ohio, Columbus - Eosinophilic granuloma
Florida (Winter Haven Hospital) - Langerhans' cell histiocytosis (1); Eosinophilic granuloma (2)
Florida (Monroe Regional Medical Center) - Langerhans' cell granulomatous
Pennsylvania (Conemaugh Memorial Medical Center Residents) - Eosinophilic granuloma
Maryland (University of Maryland) - Langerhans' cell histiocytosis
New York (Staten Island University Hospital) - Langerhans' cell, granulomatosis (histiocytosis X) (2)
Massachusetts (Providence Pathology Associates) - Eosinophilic granuloma, palate and maxilla
Canada (Foothills Hospital) - Langerhans' cell histiocytosis (eosinophilic granuloma)
Japan (Minami-ku, Sapporo) - Histiocytosis X
Japan (Kawasaki Medical School) - Langerhans' cell histiocytosis (4)
Japan (Hamamatsu University School of Medicine) - Eosinophilic granuloma
China (Sir Run Run Shaw Hospital) - Langerhans' cell granuloma
Singapore - Langerhans' cell histiocytosis
Spain, Vigo (Povisa - Anatomia Patologica) - Langerhans' cell histiocytosis
Saudi Arabia (King Khalid University Hospital) - Histiocytosis X

DIAGNOSIS:

Langerhans' cell histiocytosis, maxilla and palate

T-10170, T-51100, M-77800

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