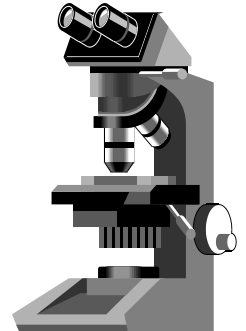


CALIFORNIA
TUMOR TISSUE REGISTRY

NEURAL PATHOLOGY

Minutes – Subscription B

May 2014



SUGGESTED READING (General Topics from Recent Literature):

- Papalkas JA, Sanguenza OP, et al. Vulvar Vascular Tumors: A Clinicopathologic Study of 85 Patients. *Am J Dermatopathol* 2013; 35: 1-10.
- Jegalian AG, Eberle FC, et al. Follicular Lymphoma In Situ: Clinical Implications and Comparisons With Partial Involvement by Follicular Lymphoma. *Blood* 2011; 118: 2976-2984.
- Zhou J, Tomashefski JF Jr, et al. The Diagnostic Value of the Thin prep Pap Test in Endometrial Carcinoma: A Prospective Study With Histological FollowUp. *Diagn Cytopathol* 2013; 5: 408-412.
- Vasen HFA, Blanco I, et al. Revised Guidelines for the Clinical Management of Lynch Syndrome (HNPCC): Recommendations by a Group of European Experts. *Gut* 2013; 62: 812-823.
- Vollmer RT. A Probabilistic Analysis of Mitotic Counts in Melanoma. *Am J Clin Pathol* 2014; 141: 213-218.

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
Web site & Case of the Month: www.cttr.org

FILE DIAGNOSES

CTTR Subscription B

May 2014

Case 1:

Epidermoid cyst, posterior fossa, brain

Case 2:

Desmoplastic infantile ganglioglioma, frontal lobe

Case 3:

Diffuse large B-cell lymphoma, right hemisphere, brain

Case 4:

Meningioma (meningothelial, WHO, grade 1), frontal lobe, brain

Case 5:

Meningioma (transitional, WHO, grade 1), frontal lobe, brain

Case 6:

Sarcoid nodule, frontal lobe, brain

Case 7:

Gemistocytic astrocytoma (grade 2), parietal cerebrum, brain

Case 8:

Giant cell glioblastoma (WHO grade 4), temporal-parietal region, brain

Case 9:

Schwannoma with degenerative changes, retroperitoneum

Case 10:

Ganglioneuroma with focal maturation, thoracic paraspinal region

Glendale - Epidermoid cyst
San Diego (Naval Medical Center) - Epidermoid cyst
Alabama (Cunningham Pathology) - Desmoid cyst
Colorado (Metropolitan Pathologists) - Craniopharyngioma
Connecticut (Danbury Hospital) - Epidermal inclusion cyst
Delaware (Armed Forces Medical Examiner System) - Epidermoid cyst
Georgia, Atlanta - Epidermoid cyst
Kansas (Peterson Laboratory Services) - Epidermoid cyst
Louisiana (LSUHSC, Shreveport) - Epidermoid cyst
Ohio (Cleveland Clinic) - Fibroma
Oregon (Oregon Health and Science University) - Epidermoid cyst
Pennsylvania (Drexel University/Hahnemann University Hospital) - Intracranial epidermoid cyst
Tennessee, Knoxville - Epidermoid cyst
Texas (Anderson Cancer Ctr) - Dermoid
Texas, Lubbock - Dermoid cyst
Texas (Scott & White Hospital) - Epidermoid cyst
Australia (Royal Prince Alfred Hospital) - Epidermoid cyst
Australia (Sydney) - Epidermoid cyst
Canada (Royal Alexandra Hospital) - Epidermoid cyst
Japan (Asahi General Hospital) - Epidermoid cyst
Japan (University Of Yamanashi) - Epidermoid cyst
Saudi Arabia (King Khalid University) - Epidermoid cyst

Case 1 - Diagnosis:

Epidermoid cyst, posterior fossa, brain

Case 1 - References:

Intra- and extra-ventricular and supra- and infra-tentorial epidermoid cyst with multiple brain stones.

Acta Neurochir (Wien) 2010; Apr;152(4): p725-6.

Zhen HN; Liu WP, et al.

Bilateral hypertrophic olivary degeneration following surgical resection of a posterior fossa epidermoid cyst.

Br J Radiol 2010; Oct;83(994): pe211-5.

Vaidhyanath R; Thomas A; Messios N.

Natural malignant transformation of an intracranial epidermoid cyst.

J Formos Med Assoc (China) 2010; May;109(5): p390-6.

Hao S; Tang J, et al.

Malignant transformation 20 years after partial removal of intracranial epidermoid cyst--case report.

Neurol Med Chir (Tokyo) 2010;50(3): p236-9.

Nakao Y; Nonaka S, et al.

Malignant transformation of an intracranial large epidermoid cyst with leptomeningeal carcinomatosis: case report.

Neurol Med Chir (Tokyo) 2010; 50(4): p349-53.

Kano T; Ikota H, et al.

Glendale - Pilocytic astrocytoma
San Diego (Naval Medical Center) - Ganglioglioma, WHO, grade 1
Alabama (Cunningham Pathology) - Gliosarcoma

Colorado (Metropolitan Pathologists) - Central neurocytoma
Connecticut (Danbury Hospital) - Pleomorphic xanthoastrocytoma
Delaware (Armed Forces Medical Examiner System) - Desmoplastic infantile astrocytoma
Georgia, Atlanta - Ganglioglioma
Kansas (Peterson Laboratory Services) - Desmoplastic infantile astrocytoma
Louisiana (LSUHSC, Shreveport) - Desmoplastic infantile ganglioglioma
Ohio (Cleveland Clinic) - Mature teratoma
Oregon (Oregon Health and Science University) - Desmoplastic infantile ganglioglioma
Pennsylvania (Drexel University/Hahnemann University Hospital) - Pilocytic astrocytoma
Tennessee, Knoxville - Desmoplastic cerebral astrocytoma
Texas (Anderson Cancer Ctr) - Malignant glioneuronal tumor
Texas, Lubbock - Pilocytic astrocytoma
Texas (Scott & White Hospital) - Astrocytoma
Australia (Royal Prince Alfred Hospital) - Desmoplastic infantile ganglioglioma (WHO grade 1)
Australia (Sydney) - Desmoplastic infantile astrocytoma
Canada (Royal Alexandra Hospital) - Ganglioglioma
Japan (Asahi General Hospital) - Schwannoma
Japan (University Of Yamanashi) - Diffuse astrocytoma
Saudi Arabia (King Khalid University) - Desmoplastic infantile ganglioglioma

Case 2 - Diagnosis:

Desmoplastic infantile ganglioglioma, frontal lobe

Case 2 - References:

Desmoplastic infantile and non-infantile ganglioglioma. Review of the literature.

Neurosurg Rev 2010; Apr;34(2): p151-8.

Gelabert-Gonzalez M; Serramito-Garcia R, et al.

Desmoplastic infantile astrocytoma with benign histological phenotype and multiple intracranial localizations at presentation.

J Neurooncol 2010; May;98(1): p143-9.

Uro-Coste E; Ssi-Yan-Kai G, et al.

Combined fontanelle puncture and surgical operation in treatment of desmoplastic infantile astrocytoma: case report and a review of the literature.

J Child Neurol 2010; Feb;25(2): p216-21.

Gu S; Bao N; Yin MZ.

Pediatric brain tumors: genetics and clinical outcome.

J Neurosurg Pediatr 2010; Mar;5(3): p263-70.

Faria C; Miguens J, et al.

Long-term follow-up of a non-infantile desmoplastic ganglioglioma.

Cent Eur Neurosurg 2010; Feb;71(1): p50-3.

Nanassis K; Tsitsopoulos PP, et al.

Case No. 3, Accession No. 31282

May 2014

Glendale - Lymphoma

San Diego (Naval Medical Center) - Primary CNS lymphoma, diffuse large B-cell type

Alabama (Cunningham Pathology) - Diffuse large cell lymphoma

Colorado (Metropolitan Pathologists) - CNS lymphoma

Connecticut (Danbury Hospital) - Primary CNS lymphoma

Delaware (Armed Forces Medical Examiner System) - CNS lymphoma

Georgia, Atlanta - Primary central nervous system lymphoma
Kansas (Peterson Laboratory Services) - Large cell lymphoma
Louisiana (LSUHSC, Shreveport) - Malignant lymphoma
Ohio (Cleveland Clinic) - Immature teratoma
Oregon (Oregon Health and Science University) - CNS lymphoma
Pennsylvania (Drexel University/Hahnemann University Hospital) - Primary CNS lymphoma
Tennessee, Knoxville - Diffuse large B-cell lymphoma vs. chloroma need ancillary studies
Texas (Anderson Cancer Ctr) - GBM
Texas, Lubbock - Large cell lymphoma
Texas (Scott & White Hospital) - Primary CNS lymphoma
Australia (Royal Prince Alfred Hospital) - Favor lymphoma (DLBCL)
Australia (Sydney) - CNS lymphoma
Canada (Royal Alexandra Hospital) - CNS lymphoma
Japan (Asahi General Hospital) - Malignant lymphoma
Japan (University Of Yamanashi) - Malignant lymphoma
Saudi Arabia (King Khalid University) - Primary non-Hodgkin's lymphoma of the brain

Case 3 - Diagnosis:

Diffuse large B-cell lymphoma, brain

Case 3 - References:

Primary diffuse large B-cell central nervous system lymphoma presenting as an acute space-occupying subdural mass.
J Neurosurg 2010; Aug;113(2): p384-7.
 Sacho RH; Kogels M, et al.

Cerebral infratentorial large B-cell lymphoma presenting as Parkinsonism.
Tohoku J Exp Med 2010; Mar;220(3): p187-90.
 Lin CM; Hong K.

Images in clinical medicine. Diplopia in a patient with HIV infection.
N Engl J Med 2010; Apr 15;362(15): pe52.
 Dhillon WS; Shah T.

Putative mechanisms of cognitive dysfunction in chemotherapy-naïve diffuse large B-cell lymphoma: a case report and review of the literature.
Appl Neuropsychol 2010; Jul;17(3): p223-33.
 Cercy SP; Bronson B.

Intravascular large B-cell lymphoma of central nervous system - a report of two cases and literature review.
Clin Neuropathol 2010; Jul-Aug;29(4): p233-8.
 Mihaljevic B; Sternic N, et al.

Case No. 4, Accession No. 31666

May 2014

Glendale - Meningioma
San Diego (Naval Medical Center) - Meningioma, WHO, grade I
Alabama (Cunningham Pathology) - Meningioma
Colorado (Metropolitan Pathologists) - Meningioma, WHO grade I
Connecticut (Danbury Hospital) - Meningioma, epithelioid
Delaware (Armed Forces Medical Examiner System) - Meningioma
Georgia, Atlanta - Meningioma
Kansas (Peterson Laboratory Services) - Meningioma, syncytial type, grade I
Louisiana (LSUHSC, Shreveport) - Meningioma
Ohio (Cleveland Clinic) - Thecoma

Oregon (Oregon Health and Science University) - Meningothelial meningioma
Pennsylvania (Drexel University/Hahnemann University Hospital) - Meningioma
Tennessee, Knoxville - Meningothelial meningioma
Texas (Anderson Cancer Ctr) - Meningioma
Texas, Lubbock - Atypical meningioma
Texas (Scott & White Hospital) - Meningioma
Australia (Royal Prince Alfred Hospital) - Meningioma (meningothelial, WHO, grade 1)
Australia (Sydpath) - Grade 1, meningioma
Canada (Royal Alexandra Hospital) - Meningothelial meningioma
Japan (Asahi General Hospital) - Meningothelial meningioma
Japan (University Of Yamanashi) - Meningothelial meningioma
Saudi Arabia (King Khalid University) - Grade I, meningothelial meningioma

Case 4 - Diagnosis:

Meningioma (meningothelial, WHO, grade 1), frontal lobe, brain

Case 4 - References:

New pathology classification, imagery techniques and prospective trials for meningiomas: the future looks bright.
Curr Opin Neurol 2010; Dec;23(6): p563-70.

Weber DC; Lovblad KO; Rogers L.

Meningothelial proliferations in mature cystic teratoma of the ovary: evidence for the common presence of cranially derived tissues paralleling anterior embryonic plate development. An analysis of 25 consecutive cases.

Am J Surg Pathol 2010; Jul;34(7): p1014-8.

Chen E; Fletcher CD; Nucci MR.

Metabolic aggressiveness in benign meningiomas with chromosomal instabilities.

Cancer Res 2010; Nov 1;70(21): p8426-34.

Monleon D; Morales JM, et al.

Intracranial hypertension caused by a meningioma compressing the transverse sinus.

J Clin Neurosci 2010; Dec;17(12): p1589-92.

Chausson N; Bocquet J, et al.

The significance of Ki-67/MIB-1 labeling index in human meningiomas: a literature study.

Pathol Res Pract 2010; Dec 15;206(12): p810-5.

Abry E; Thomassen IO, et al.

A cystic meningioma misdiagnosed as malignant glioma by radiologic and intraoperative histological examinations.

Brain Tumor Pathol 2010; Oct;27(2): p111-5.

Yamada SM; Fujimoto Y, et al.

Case No. 5, Accession No. 31657

May 2014

Glendale - Meningioma

San Diego (Naval Medical Center) - Psammomatous meningioma, WHO, grade I

Alabama (Cunningham Pathology) - Meningioma

Colorado (Metropolitan Pathologists) - Meningioma, WHO, grade I

Connecticut (Danbury Hospital) - Meningioma

Delaware (Armed Forces Medical Examiner System) - Psammomatous meningioma

Georgia, Atlanta - Meningioma

Kansas (Peterson Laboratory Services) - Psammomatous meningioma, grade I

Louisiana (LSUHSC, Shreveport) - Meningioma

Ohio (Cleveland Clinic) - Borderline endometrial adenofibroma

Oregon (Oregon Health and Science University) - Psammomatous meningioma
Pennsylvania (Drexel University/Hahnemann University Hospital) - Psammomatous meningioma
Tennessee, Knoxville - Transitional meningioma
Texas (Anderson Cancer Ctr) - Meningioma
Texas, Lubbock - Grade III, astrocytoma
Texas (Scott & White Hospital) - Meningioma
Australia (Royal Prince Alfred Hospital) - Meningioma (transitional, WHO, grade 1)
Australia (Sydpath) - Transitional meningioma
Canada (Royal Alexandra Hospital) - Transitional meningioma
Japan (Asahi General Hospital) - Fibrous meningioma
Japan (University Of Yamanashi) - Fibrous meningioma
Saudi Arabia (King Khalid University) - Grade 1, psammomatous meningioma

Case 5 - Diagnosis:

Meningioma (transitional, WHO, grade 1), frontal lobe

Case 5 - References:

New pathology classification, imagery techniques and prospective trials for meningiomas: the future looks bright.
Curr Opin Neurol 2010; Dec;23(6): p563-70.
 Weber DC; Lovblad KO; Rogers L.

Intracranial hypertension caused by a meningioma compressing the transverse sinus.
J Clin Neurosci 2010; Dec;17(12): p1589-92.
 Chausson N; Bocquet J, et al.

Do aggressive imaging features correlate with advanced histopathological grade in meningiomas?
J Clin Neurosci 2010; May;17(5): p584-7.
 Hsu CC; Pai CY, et al.

Rapid recovery of motor and cognitive functions after resection of a right frontal lobe meningioma in a child.
Childs Nerv Syst 2010; Jan;26(1): p105-11.
 Carlsson G; Hufnagel M, et al.

Two meningiomas with different histological grades in the same patient. Case report.
Neurol Med Chir (Tokyo) 2010; 50(8): p686-8.
 Emmez H; Kale A, et al.

Transitory somatoparaphrenia associated with a left frontoparietal meningioma.
J Neurol 2010; Jul;257(7): p1208-10.
 Beato R; Martins W, et al.

Case No. 6, Accession No. 31563

May 2014

Glendale - Sarcoidosis
San Diego (Naval Medical Center) - Neurosarcoidosis
Alabama (Cunningham Pathology) - Sarcoidosis
Colorado (Metropolitan Pathologists) - CNS sarcoidosis
Connecticut (Danbury Hospital) - Neurosarcoidosis
Delaware (Armed Forces Medical Examiner System) - Neurosarcoidosis
Georgia, Atlanta - Non-caseating granulomatous inflammation
Kansas (Peterson Laboratory Services) - Neurosarcoidosis
Louisiana (LSUHSC, Shreveport) - Granulomatous inflammation
Ohio (Cleveland Clinic) - Juvenile granulose cell tumor
Oregon (Oregon Health and Science University) - Sarcoidosis

Pennsylvania (Drexel University/Hahnemann University Hospital) - Neurosarcoidosis
Tennessee, Knoxville - Non-caseating granulomatous inflammation
Texas (Anderson Cancer Ctr) - Sarcoidosis
Texas, Lubbock - Granulomatous inflammation
Texas (Scott & White Hospital) - Sarcoidosis
Australia (Royal Prince Alfred Hospital) - Granulomatous inflammation (favor infection, DDX: sarcoid)
Australia (Sydpath) - Necrotizing granulomatous inflammation, infection
Canada (Royal Alexandra Hospital) - Neurosarcoidosis
Japan (Asahi General Hospital) - Neurosarcoidosis
Japan (University Of Yamanashi) - Sarcoidosis
Saudi Arabia (King Khalid University) - Chronic granulomatous inflammation, possible sarcoidosis or mycobacterial infection

Case 6 - Diagnosis:

Sarcoid nodule, frontal lobe, brain

Case 6 - References:

Neurosarcoidosis: presentations and management.

Neurologist 2010; Jan;16(1): p2-15.

Terushkin V; Stern BJ, et al.

A case of neurosarcoidosis with necrotizing granuloma expressing angiotensin-converting enzyme.

Mod Rheumatol 2010; Oct;20(5): p506-10.

Kitajima S; Sakai N, et al.

Glioblastoma multiforme disguised as sarcoidosis: pitfalls in diagnosis.

South Med J 2007; Mar;100(3): p335.

Vahid B; Weibel S.

Isolated neurosarcoidosis presenting as headache and multiple brain and spinal cord lesions mimicking central nervous system metastases.

Brain Dev 2007; Sep;29(8): p514-8.

Tsao CY; Lo WD, et al.

Neurosarcoidosis mimicking a malignant optic glioma.

J Neuroophthalmol 2008; Sep;28(3): p214-6.

Pollock JM; Greiner FG, et al.

Diagnosis and treatment of sarcoidosis.

JAAPA 2006 Apr;19(4): p30-4

Shim S.

Case No. 7, Accession No. 12988

May 2014

Glendale - Anaplastic astrocytoma

San Diego (Naval Medical Center) - Gemistocytic astrocytoma (WHO, Grade III)

Alabama (Cunningham Pathology) - Gemistocytic astrocytoma

Colorado (Metropolitan Pathologists) - Gemistocytic astrocytoma

Connecticut (Danbury Hospital) - Gemistocytic astrocytoma

Delaware (Armed Forces Medical Examiner System) - Gemistocytic astrocytoma

Georgia, Atlanta - Gemistocytic astrocytoma

Kansas (Peterson Laboratory Services) - Gemistocytic astrocytoma, grade III

Louisiana (LSUHSC, Shreveport) - Gemistocytic astrocytoma

Ohio (Cleveland Clinic) - Gemistocytic astrocytoma

Oregon (Oregon Health and Science University) - Gemistocytic astrocytoma

Pennsylvania (Drexel University/Hahnemann University Hospital) - Diffuse gemistocytic astrocytoma, (grade II)

Tennessee, Knoxville - Gemistocytic astrocytoma
Texas (Anderson Cancer Ctr) - Demyelinating/PML
Texas, Lubbock - Gemistocytic astrocytoma
Texas (Scott & White Hospital) - Gemistocytic astrocytoma
Australia (Royal Prince Alfred Hospital) - Gemistocytic astrocytoma (WHO, grade 2)
Australia (Sydpath) - Gemistocytic astrocytoma
Canada (Royal Alexandra Hospital) - Gemistocytic astrocytoma
Japan (Asahi General Hospital) - Gemistocytic astrocytoma
Japan (University Of Yamanashi) - Gemistocytic astrocytoma
Saudi Arabia (King Khalid University) - Diffuse astrocytoma (predominantly gemistocytic type)

Case 7 - Diagnosis:

Gemistocytic astrocytoma (grade 2), parietal cerebrum, brain

Case 7 - References:

Moving toward molecular classification of diffuse gliomas in adults.

Neurology 2012; Oct 30;79(18): p1917-26.

Theeler BJ; Yung WK, et al.

Neonatal female with congenital brain tumor: Congenital gemistocytic astrocytoma.

Brain Pathol 2004; Apr;14(2): p227-8.

Bleggi-Torres LF; Pope LZ, et al.

Low-grade astrocytomas: the prognostic value of fibrillary, gemistocytic, and protoplasmic tumor histology.

J Neurosurg 2013; Aug;119(2): p434-41.

Babu R; Bagley JH, et al.

Early prognostic factors related to progression and malignant transformation of low-grade gliomas.

Clin Neurol Neurosurg 2011; Nov;113(9): p752-7.

Jung TY; Jung S, et al.

Factors predicting progression of low-grade diffusely infiltrating astrocytoma.

Neurol India 2011; Mar-Apr;59(2): p248-53.

Ranjan M; Santosh V, et al.

Case No. 8, Accession No. 26483

May 2014

Glendale - Glioblastoma multiforme

San Diego (Naval Medical Center) - Glioblastoma multiforme

Alabama (Cunningham Pathology) - Glioblastoma multiforme

Colorado (Metropolitan Pathologists) - Gliosarcoma

Connecticut (Danbury Hospital) - Malignant nerve sheath tumor

Delaware (Armed Forces Medical Examiner System) - Gliosarcoma

Georgia, Atlanta - Pleomorphic xanthoastrocytoma

Kansas (Peterson Laboratory Services) - Astrocytoma, grade III

Louisiana (LSUHSC, Shreveport) - Giant cell glioblastoma multiforme

Ohio (Cleveland Clinic) - Serous cystadenoma

Oregon (Oregon Health and Science University) - Glioblastoma

Pennsylvania (Drexel University/Hahnemann University Hospital) - Ancient schwannoma

Tennessee, Knoxville - High grade glioma

Texas (Anderson Cancer Ctr) - Astroglioma III

Texas, Lubbock - Neurofibroma

Texas (Scott & White Hospital) - MPNST

Australia (Royal Prince Alfred Hospital) - Giant cell glioblastoma (WHO grade 4)

Australia (Sydpath) - Schwannoma
Canada (Royal Alexandra Hospital) - Gliosarcoma
Japan (Asahi General Hospital) - Ancient schwannoma
Japan (University Of Yamanashi) - Pleomorphic xanthoastrocytoma
Saudi Arabia (King Khalid University) - Pleomorphic xanthoastrocytoma

Case 8 - Diagnosis:

Giant cell glioblastoma (WHO grade 4)

Case 8 - References:

Giant cell glioblastoma: a glioblastoma subtype with distinct epidemiology and superior prognosis.

Neuro Oncol 2009; Dec;11(6): p833-41.

Kozak KR; Moody JS.

Cytomorphology of giant cell glioblastoma: Report of a case and brief review of literature.

Diagn Cytopathol 2012; May;40(5): p440-3.

Jaiswal S; Vij M, et al.

Pediatric giant cell glioblastoma: New insights into a rare tumor entity.

Neuro Oncol 2009; Jun;11(3): p323-9.

Karremann M; Butenhoff S, et al.

Exophytic giant cell glioblastoma of the medulla oblongata.

J Neurosurg 2009; Mar;110(3): p589-93.

Luetjens G; Mirzayan MJ, et al.

Giant cell glioblastoma with unique bilateral cerebellopontine angle localization considered as extraaxial tumor growth in a patient with neurofibromatosis Type 1.

Clin Neuropathol 2013; Jan-Feb;32(1): p58-65.

Taraszevska A; Bogucki J, et al.

Case No. 9, Accession No. 31682

May 2014

Glendale - Peripheral nerve sheath tumor

San Diego (Naval Medical Center) - Schwannoma

Alabama (Cunningham Pathology) - Meningioma

Colorado (Metropolitan Pathologists) - Schwannoma

Connecticut (Danbury Hospital) - Schwannoma

Delaware (Armed Forces Medical Examiner System) - Schwannoma

Georgia, Atlanta - Schwannoma

Kansas (Peterson Laboratory Services) - Schwannoma

Louisiana (LSUHSC, Shreveport) - Schwannoma

Ohio (Cleveland Clinic) - Serous borderline tumor

Oregon (Oregon Health and Science University) - Schwannoma

Pennsylvania (Drexel University/Hahnemann University Hospital) - Meningioma

Tennessee, Knoxville - Neurofibroma

Texas (Anderson Cancer Ctr) - Schwannoma

Texas, Lubbock - Neurilemoma

Texas (Scott & White Hospital) - Schwannoma

Australia (Royal Prince Alfred Hospital) - Schwannoma (melanotic)

Australia (Sydpath) - Schwannoma

Canada (Royal Alexandra Hospital) - Schwannoma

Japan (Asahi General Hospital) - Schwannoma

Japan (University Of Yamanashi) - Schwannoma
Saudi Arabia (King Khalid University) - Benign peripheral nerve sheath tumor

Case 9 - Diagnosis:

Schwannoma with degenerative changes, retroperitoneum

Case 9 - References:

Recurrent retroperitoneal Schwannomas displaying different differentiation from primary tumor: case report and literature review.

World J Surg Oncol 2010;;8:66.

Li ZQ; Wang HY, et al.

Management of benign retroperitoneal schwannomas: a single-center experience.

Am J Surg 2011; Aug;202(2): p194-8.

Strauss DC; Qureshi YA, et al.

Retroperitoneal ancient schwannoma presenting as an ovarian tumor in a patient with uterine cancer. A case report.

Eur J Gynaecol Oncol 2009;;30(5): p595-6.

Bakalianou K; Liapis A, et al.

Retroperitoneal schwannoma is characterized by a high incidence of cellular type and GFAP-immunoreactivity.

Pathol Int 2012; Jul;62(7): p456-62.

Hirose T; Ishizawa K, et al.

Retroperitoneal schwannoma mimicking metastatic seminoma: case report and literature review.

Chin J Cancer 2013; Mar;32(3): p149-52.

Zhang SQ; Wu S, et al.

Case No. 10, Accession No. 31670

May 2014

Glendale - Ganglioneuroma

San Diego (Naval Medical Center) - Ganglioneuroma, maturing subtype

Alabama (Cunningham Pathology) - Ganglioneuroma

Colorado (Metropolitan Pathologists) - Ganglioneuroma

Connecticut (Danbury Hospital) - Ganglioneuroma

Delaware (Armed Forces Medical Examiner System) - Ganglioneuroma

Georgia, Atlanta - Ganglioneuroma

Kansas (Peterson Laboratory Services) - Ganglioneuroma

Louisiana (LSUHSC, Shreveport) - Ganglioneuroma

Ohio (Cleveland Clinic) - Seromucinous borderline tumor

Oregon (Oregon Health and Science University) - Ganglioneuroma

Pennsylvania (Drexel University/Hahnemann University Hospital) - Ganglioneuroma

Tennessee, Knoxville - Ganglioneuroma

Texas (Anderson Cancer Ctr) - Ganglioneuroma

Texas, Lubbock - Ganglioneuroma

Texas (Scott & White Hospital) - Ganglioneuroma

Australia (Royal Prince Alfred Hospital) - Ganglioneuroma

Australia (Sydney) - Ganglioneuroma, maturing subtype

Canada (Royal Alexandra Hospital) - Ganglioneuroma

Japan (Asahi General Hospital) - Ganglioneuroma

Japan (University Of Yamanashi) - Ganglioneuroma

Saudi Arabia (King Khalid University) - Ganglioneuroma

Case 10 - Diagnosis:

Ganglioneuroma with focal maturation, thoracic paraspinal region

Case 10 - References:

Fine-needle aspiration of ganglioneuroma, maturing type (a.k.a., "borderline ganglioneuroblastoma") in the mediastinum of a young man: Case report and discussion of classification.

Diagn Cytopathol 2012; Oct;40(10): p906-11.

Ponsford Tipps AM; Weidner N

Retroperitoneal ganglioneuroma in an adult patient: a case report and Ganglioneuroma in the neck masquerading as a benign mesenchymal lesion on cytology: a morphological mimic.

Cytopathology 2013; Feb;24(1): p65-7.

Mahajan N; Aggarwal S, et al.

Ganglioneuromatous paraganglioma of the cauda equina--a pathological case study.

Hum Pathol 2005; Apr;36(4): p444-6.

Pytel P; Krausz T, et al.

Ganglioneuroma: literature review of the last decade.

South Med J 2009; Oct;102(10): p1065-7.

Papavramidis TS, et al.

Fine needle aspiration cytology of ganglioneuroma.

Acta Cytol 2008; May-Jun;52(3): p380-1.

Catalina-Fernandez I; Saenz-Santamaria J, et al.

Posterior mediastinal dumbbell ganglioneuroma with fatty replacement.

Br J Radiol 2007; Oct;80(958): pe238-40.

Ko SM; Keum DY; Kang YN.