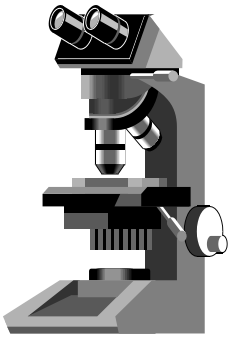
CALIFORNIA
TUMOR TISSUE REGISTRY

NEUROPATHOLOGY – CNS & PNS

Minutes – Subscription B

May 2015



SUGGESTED READING (General Topics from Recent Literature):

Neuville A, Ranchere-Vince D, et al. Impact of Molecular Analysis on the Final Sarcoma Diagnosis: A Study on 763 Cases Collected During a European Epidemiological Study. *Am J Surg Pathol 2013; 37 (August): 1259-1268*.

Mills AM, Liou S, et al. Lynch Syndrome Screening Should Be Considered for All Patients With Newly Diagnosed Endometrial Cancer. *Am J Surg Pathol 2014;38 (November): 1501-1509*

Jessurun J. Lymphocytic Cholecystitis/Cholangitis.*Am J Clin Pathol 2015; 143 (January): 36-41*.

Napekoski KM, Fernandez AP, Billings SD. Microvenular Hemangioma: A Clinicopathologic Review of 13 Cases. *J Cutan Pathol 2014; 41 (November): 816-822*.

Geurts-Giele WRR, Wolvers-Tettero ILM, et al. Successive B-Cell Lymphomas Mostly Reflect Recurrences Rather Than Unrelated Primary Lymphomas. *Am J Clin Pathol 2013; 140 (July): 114-126*.

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 2015

Case 1: Traumatic neuroma ("amputation neuroma"), hip

Case 2: Schwannoma, arm

Case 3: Malignant peripheral nerve sheath tumor (MPNST), forearm

Case 4: Meningioma, meningothelial, skull base

Case 5: Ganglioglioma, brain

Case 6: Anaplastic ependymoma, 4th ventricle (WHO grade III)

Case 7: Pilocytic astrocytoma (WHO I), cerebellum

Case 8: Glioblastoma (WHO IV), temporal lobe, brain

Case 9: Nodular/desmoplastic medulloblastoma, cerebellum

Case 10: Meningioma, skull

Glendale - Traumatic neuroma
San Diego (Naval Medical Center) – Amputation neuroma
San Francisco (UCSF) - Traumatic neuroma
Torrance (Harbor UCLA) – Traumatic Neuroma
Connecticut, Danbury – Amputation neuroma
Delaware (Armed Forces Medical Examiner System) - Traumatic neuroma
Florida (Munroe Hospital) – Neuroma
Georgia - Neurofibroma
Illinois (Heartland Regional Medical Center) - Traumatic neuroma
Kansas (Peterson Laboratory Services) - Palisading Neuroma / Dermal nerve sheath myxoma
Louisiana (LSUHSC) – Traumatic neuroma
Maryland(University of Maryland) – Traumatic neuroma
Maryland (WRNMMC) – Traumatic Neuroma
Mississippi (University of Mississippi) - Traumatic neuroma
New York (University of Rochester) – Traumatic Neuroma
North Carolina, Clemmons – Traumatic Neuroma
Ohio, Columbus – Soft tissue, hip, neuroma
Ohio, Toledo (University of Toledo – Amputation/traumatic neuroma
Puerto Rico (University of Puerto Rico) – Traumatic neuroma, r/o plexiform neurofibroma
Tennessee, Knoxville - Traumatic neuroma
Texas, Crystal Beach - Traumatic neuroma
Texas, Lubbock - Traumatic neuroma
Texas (Baylor Scott & White) – Traumatic neuroma
Australia (Royal Prince Alfred Hospital) - Traumatic neuroma
Canada (Royal Alexandra Hospital) - Traumatic neuroma
Canada (Pasqua Hospital) – Traumatic neuroma
Japan – Traumatic neuroma
Japan (Asahi General Hospital) - Traumatic neuroma
Japan (Lions Mansion) – Amputation neuroma, hip

Case 1 - Diagnosis: Traumatic neuroma ("amputation neuroma"), hip

Case 1 - References:

Routine pathological evaluation of neuroma specimens: is there a rationale?
J Reconstr Microsurg 2010 Oct;26(8): p497-500
Ducic I; Endara M; Mohan R

Subungal traumatic neuroma.
J Am Acad Dermatol 2010 Jul;63(1): pe7-8
Rashid RM; Rashid RM; Thomas V

Prevention and treatment of amputation neuroma by an atelocollagen tube in rat sciatic nerves.
J Biomed Mater Res B Appl Biomater 2005 May;73(2): p355-60
Sakai Y; Ochi M, et al.

Rapid development of amputation neuroma following excision of an orbital cavernous hemangioma.
Ophthal Plast Reconstr Surg 2006 Jan-Feb;22(1): p71-3
Kiratli H; Topcu P; Saglam A

Symptomatic postsurgical traumatic neuromas.
Otol Neurotol 2009 Oct;30(7): p981-4
Fayad JN; Linthicum FH

Sonographic features of traumatic neuromas after neck dissection.
J Clin Ultrasound 2009 May;37(4): p189-93

Kwak JY; Kim EK, et al.

Traumatic neuroma around the celiac trunk after gastrectomy mimicking a nodal metastasis: a case report.
Korean J Radiol (Korea 2007 May-Jun;8(3): p242-5
Kwon JH; Ryu SW; Kang YN

Case No. 2, Accession No. 31873 **May 2015**

Glendale - Schwannoma
San Diego (Naval Medical Center) – Schwannoma with plexiform features
San Francisco (UCSF) - Schwannoma
Torrance (Harbor UCLA) - Schwannoma
Connecticut, Danbury - Schwannoma
Delaware (Armed Forces Medical Examiner System) - Schwannoma
Florida (Munroe Hospital) – Schwannoma
Georgia - Schwannoma
Illinois (Heartland Regional Medical Center) - Schwannoma
Kansas (Peterson Laboratory Services) - Schwannoma (2)
Louisiana (LSUHSC) – Schwannoma
Maryland(University of Maryland) – Schwannoma
Maryland (WRNMMC) - Schwannoma
Mississippi (University of Mississippi) - Schwannoma
New York (University of Rochester) - Schwannoma
North Carolina, Clemmons - Neurilemmoma
Ohio, Columbus – Soft tissue, left arm, schwannoma
Ohio, Toledo (University of Toledo - Schwannoma
Puerto Rico (University of Puerto Rico) - Schwannoma
Tennessee, Knoxville - Schwannoma
Texas, Crystal Beach - Schwannoma
Texas, Lubbock - Neurilemmoma
Texas (Baylor Scott & White) - Schwannoma
Australia (Royal Prince Alfred Hospital) - Plexiform schwannoma
Canada (Royal Alexandra Hospital) - Schwannoma
Canada (Pasqua Hospital) - Schwannoma
Japan - Schwannoma
Japan (Asahi General Hospital) - Schwannoma
Japan (Lions Mansion) – Schwannoma, left arm

Case 2 - Diagnosis: Schwannoma, arm

Case 2 - References:
Schwannomas of the upper extremity: diagnosis and treatment.
Chir Organi Mov 2008 Sep;92(2): p85-8
Adani R; Baccarani A, et al.

Contiguous conventional and plexiform schwannomas. Report of two cases.
J Neurosurg 2006 Feb;104(2): p319-24
White JB; Scheithauer BW, et al.

[Schwannomas of the peripheral nerve in the hand and the upper limb: Analysis of 14 cases]
Chir Main 2006 Sep;25(3-4): p131-5
Akambi Sanoussi K; Dubert T

Peripheral neurogenic tumors: is the use of different types of imaging diagnostically useful?
Clin Imaging 2006 May-Jun;30(3): p201-5

Amoretti N; Grimaud A, et al.

Case No. 3, Accession No. 31544 **May 2015**

Glendale - Malignant peripheral nerve sheath tumor
San Diego (Naval Medical Center) – Malignant peripheral nerve sheath tumor
San Francisco (UCSF) - Malignant peripheral nerve sheath tumor , low grade
Torrance (Harbor UCLA) – Malignant peripheral nerve sheath tumor
Connecticut, Danbury – Malignant peripheral nerve sheath tumor
Delaware (Armed Forces Medical Examiner System) - Schwannoma with ancient change
Florida (Munroe Hospital) – Malignant peripheral nerve sheath tumor
Georgia – Malignant peripheral nerve sheath tumor
Illinois (Heartland Regional Medical Center) - Peripheral nerve sheath tumor
Kansas (Peterson Laboratory Services) - Malignant peripheral nerve sheath tumor (2)
Louisiana (LSUHSC) – Peripheral nerve sheath tumor, malignant
Maryland(University of Maryland) – Malignant peripheral nerve sheath tumor
Maryland (WRNMMC) - MPNST
Mississippi (University of Mississippi) - MPNST
New York (University of Rochester)- MPNST
North Carolina, Clemmons – Cellular schwannoma
Ohio, Columbus – Soft tissue, rt forearm, malignant peripheral nerve sheath tumor
Ohio, Toledo (University of Toledo – Malignant peripheral nerve sheath tumor
Puerto Rico (University of Puerto Rico) – Malignant peripheral nerve sheath tumor, low grade
Tennessee, Knoxville - Malignant Peripheral nerve sheath tumor
Texas, Crystal Beach - Malignant peripheral nerve sheath tumor
Texas, Lubbock - Neurofibroma
Texas (Baylor Scott & White) - MPNST
Australia (Royal Prince Alfred Hospital) - Malignant peripheral nerve sheath tumor
Canada (Royal Alexandra Hospital) - Malignant peripheral nerve sheath tumor
Canada (Pasqua Hospital) - MPNST
Japan – Cellular schwannoma
Japan (Asahi General Hospital) - Malignant peripheral nerve sheath tumor
Japan (Lions Mansion) – Malignant peripheral nerve sheath tumor, rt forearm

Case 3 - Diagnosis: Malignant peripheral nerve sheath tumor (MPNST), forearm

Case 3 - References:

Malignant peripheral nerve sheath tumors.
Neurosurg Clin N Am 2008 Oct;19(4): p533-43, v
Gupta G; Mammis A; Maniker A

Malignant peripheral nerve sheath tumor in a hamster.
J Am Assoc Lab Anim Sci 2007 Nov;46(6): p55-7
Snyder LA; Linder KE; Neel JA

Malignant peripheral nerve sheath tumor with rhabdomyosarcomatous differentiation (malignant triton tumor).
Arch Pathol Lab Med 2006 Dec;130(12): p1878-81
Stasik CJ; Tawfik O

Neurofibromatosis 1 phenotype associated to malignant peripheral nerve sheath tumours: a case-control study.
J Eur Acad Dermatol Venereol 2013 Aug;27(8): p1044-7
Zehou O; Bularca S, et al.

Malignant peripheral nerve sheath tumors: prognostic impact of rhabdomyoblastic differentiation (malignant triton tumors), neurofibromatosis 1 status and location.
Eur J Surg Oncol 2013 Jan;39(1): p46-52
Kamran SC; Howard SA, et al.

Malignant peripheral nerve sheath tumor arising from neurofibromatosis.
Arch Plast Surg (Korea 2013 May;40(3): p272-5
Lee DS; Jung SI, et al.

Malignant triton tumor: a rare case.
Indian J Surg 2013 Jun;75(Suppl 1): p362-5
Shetty PK; Baliga SV; Balaiah K

Case No. 4, Accession No. 31899 **May 2015**

Glendale - Meningioma
San Diego (Naval Medical Center) – Meningioma, meningothelial variant
San Francisco (UCSF) - Meningioma
Torrance (Harbor UCLA) – Meningothelial meningioma
Connecticut, Danbury – Meningioma, meningothelial type
Delaware (Armed Forces Medical Examiner System) - Meningioma
Florida (Munroe Hospital) – Meningioma
Georgia - Meningioma
Illinois (Heartland Regional Medical Center) - Meningioma Transitional
Kansas (Peterson Laboratory Services) - Meningioma (2)
Louisiana (LSUHSC) – Meningioma
Maryland(University of Maryland) – Meningothelial meningioma
Maryland (WRNMMC) - Meningioma
Mississippi (University of Mississippi) - Meningioma
New York (University of Rochester) - Meningioma
North Carolina, Clemmons – Meningioma, WHO grade 1
Ohio, Columbus – Skull base, meningioma
Ohio, Toledo (University of Toledo – Meningioma, meningotheliomatous
Puerto Rico (University of Puerto Rico) – Meningioma, meningothelial variant
Tennessee, Knoxville - Meningioma
Texas, Crystal Beach - Olfactory neuroblastoma
Texas, Lubbock - Meningioma
Texas (Baylor Scott & White) - Meningioma
Australia (Royal Prince Alfred Hospital) - Meningothelial meningioma grade 1
Canada (Royal Alexandra Hospital) - Transitional meningioma
Canada (Pasqua Hospital) - Meningioma
Japan - Meningioma
Japan (Asahi General Hospital) - Meningothelial meningioma
Japan (Lions Mansion) – Meningioma, meningothelial, skull base

Case 4 - Diagnosis: Meningioma, meningothelial, skull base

Case 4 - References:
Meningothelial meningioma in a Malayan sun bear (Helarctos malayanus).
J Vet Diagn Invest 2013 Sep;25(5): p636-40
Chien YC; Lien CY, et al.

The significance of immunohistochemical expression of merlin, Ki-67, and p53 in meningiomas.
Appl Immunohistochem Mol Morphol 2014 Jan;22(1): p46-9

Pavelin S; Becic K, et al.

Secretory meningioma: a diagnostic pitfall.
Indian J Pathol Microbiol 2014 Apr-Jun;57(2): p183-6
Tyagi R; Vasishta RK, et al.

Xanthomatous meningioma: a case report with review of the literature.
Int J Clin Exp Pathol 2013;6(10): p2242-6
Ishida M; Fukami T, et al.

Case No. 5, Accession No. 31771 May 2015

Glendale - Vascular malformation
San Diego (Naval Medical Center) - Ganglioglioma
San Francisco (UCSF) - Focal cortical dysplasia
Torrance (Harbor UCLA) - Gangliocytoma
Connecticut, Danbury - Gliosis
Delaware (Armed Forces Medical Examiner System) - Diffuse astrocytoma
Florida (Munroe Hospital) – A-V malformation
Georgia – Epidermoid cyst
Illinois (Heartland Regional Medical Center) - Astrocytoma, Grade 1
Kansas (Peterson Laboratory Services) - Dysplastic Gangliocytoma (2)
Louisiana (LSUHSC) – Sclerosis
Maryland(University of Maryland) – Cortical dysplasia
Maryland (WRNMMC) – Focal Cortical Dysplasia
Mississippi (University of Mississippi) - Diffuse astrocytoma
New York (University of Rochester) – Focal Cortical dysplasia with balloon cells
North Carolina, Clemmons - Ganglioglioma
Ohio, Columbus – Brain, left temporal lobe, glioma
Ohio, Toledo (University of Toledo - Gangliocytoma
Puerto Rico (University of Puerto Rico) – Cortical dysplasia/tuber
Tennessee, Knoxville - Meningioma
Texas, Crystal Beach - Meningeal vascular malformation with meningothelial reaction
Texas, Lubbock - Pilocytic astrocytoma
Texas (Baylor Scott & White) – Cortical dysplasia
Australia (Royal Prince Alfred Hospital) - Cortical tuber
Canada (Royal Alexandra Hospital) - Ganglioglioma
Canada (Pasqua Hospital) – Cortical dysplasia
Japan - Gangliocytoma
Japan (Asahi General Hospital) - Diffuse astrocytoma
Japan (Lions Mansion) – Cortical dysplasia, temporal lobe, brain

Case 5 - Diagnosis: Ganglioglioma, brain

Case 5 - References:

An enigmatic brainstem posterior fossa ganglioglioma in an adult.
Int J Neurosci 2014 Sep;124(9): p704-6
Qin B; Tabbara AK, et al.

Bilateral ganglioglioma of the trigeminal nerve in an 83-year-old man.
Neuropathology 2014 Apr;34(2): p159-63
Hargus G; Bink A, et al.

Histopathological and immunohistochemical profile in anaplastic gangliogliomas.

Neurocirugia (Astur 2013 Nov-Dec;24(6): p237-43
Romero-Rojas AE; Diaz-Perez JA, et al.

Brainstem gangliogliomas: a retrospective series.
J Neurosurg 2013 Apr;118(4): p884-8
Zhang S; Wang X, et al.

Pediatric low-grade ganglioglioma: epidemiology, treatments, and outcome analysis on 348 children from the surveillance, epidemiology, and end results database.
Neurosurgery 2015 Mar;76(3): p313-20
Dudley RW; Torok MR, et al.

Case No. 6, Accession No. 31866 **May 2015**

Glendale - Ependymoma
San Diego (Naval Medical Center) - Ependymoma
San Francisco (UCSF) - Ependymoma
Torrance (Harbor UCLA) - Ependymoma
Connecticut, Danbury - Ependymoma
Delaware (Armed Forces Medical Examiner System) - Ependymoma
Florida (Munroe Hospital) – Ependymoma
Georgia - Ependymoma
Illinois (Heartland Regional Medical Center) - Glioma, Favor Clear Cell Ependymoma
Kansas (Peterson Laboratory Services) - Ependymoma (2)
Louisiana (LSUHSC) – Ependymoma
Maryland(University of Maryland) – Subependymoma
Maryland (WRNMMC) - Ependymoma
Mississippi (University of Mississippi) - Ependymoma
New York (University of Rochester) - Ependymoma
North Carolina, Clemmons - Ependymoma
Ohio, Columbus – Brain, 4th ventricle, ependymoma
Ohio, Toledo (University of Toledo - Ependymoma
Puerto Rico (University of Puerto Rico) - Ependymoma
Tennessee, Knoxville - Oligodendroglioma
Texas, Crystal Beach - Ependymoma
Texas, Lubbock - Ependymoma
Texas (Baylor Scott & White) - Ependymoma
Australia (Royal Prince Alfred Hospital) - Ependymoma
Canada (Royal Alexandra Hospital) - Ependymoma
Canada (Pasqua Hospital) - Ependymoma
Japan - Ependymoma
Japan (Asahi General Hospital) - Ependymoma
Japan (Lions Mansion) – Ependymoma, 4th ventricle

Case 6 - Diagnosis: Anaplastic ependymoma, 4th ventricle (WHO grade III)

Case 6 - References:
Supratentorial extraventricular anaplastic ependymoma in a child.
BMJ Case Rep 2014;2014 p
Khilji MF; Hamid RS; Qureshi A

Anaplastic ependymoma with ependymoblastic multilayered rosettes.
Hum Pathol 2013 Nov;44(11): p2597-602
Nobusawa S; Suzuki A, et al.

Supratentorial cortical ependymoma: case series and review of the literature.
Neuropathology 2014 Jun;34(3): p243-52
Liu Z; Li J, et al.

Fourth ventricular ependymoma with a distant intraventricular metastasis: Report of a rare case.
J Neurosci Rural Pract 2013 Aug;4(Suppl 1): pS121-4
Ambekar S; Ranjan M, et al.

Extra and intramedullary anaplastic ependymoma in thoracic spinal cord.
Korean J Spine (Korea 2013 Sep;10(3): p177-80
Kim BS; Kim SW, et al.

Case No. 7, Accession No. 31893 **May 2015**

Glendale - Subependymoma
San Diego (Naval Medical Center) – Pilocytic astrocytoma
San Francisco (UCSF) - Pilocytic astrocytoma
Torrance (Harbor UCLA) – Pilocytic astrocytoma
Connecticut, Danbury – Mixed glioma/Pilocytic astrocytoma with oligodendroglioma-like features
Delaware (Armed Forces Medical Examiner System) - Oligodendroglioma
Florida (Munroe Hospital) – Neurocytoma
Georgia – Pilocytic astrocytoma
Illinois (Heartland Regional Medical Center) - Pilocytic Astrocytoma
Kansas (Peterson Laboratory Services) - Pilocytic Astrocytoma (2)
Louisiana (LSUHSC) – Pilocytic astrocytoma
Maryland(University of Maryland) – Pilocytic astrocytoma
Maryland (WRNMMC) – Pilocytic Astrocytoma
Mississippi (University of Mississippi) - Medulloblastoma
New York (University of Rochester)– Pilocytic astrocytoma
North Carolina, Clemmons – Medulloblastoma with glial differentiation
Ohio, Columbus – Cerebellum, vermis, astrocytoma
Ohio, Toledo (University of Toledo – Pilocytic astrocytoma
Puerto Rico (University of Puerto Rico) – Pilocytic astrocytoma
Tennessee, Knoxville - Pilocytic astrocytoma
Texas, Crystal Beach - Medulloblastoma
Texas, Lubbock - Ganglioneuroblastoma
Texas (Baylor Scott & White) – Low grade astrocytoma
Australia (Royal Prince Alfred Hospital) - Pilocytic astrocytoma
Canada (Royal Alexandra Hospital) - Pilocytic astrocytoma
Canada (Pasqua Hospital) – Pilocytic astrocytoma
Japan - Neurocytoma
Japan (Asahi General Hospital) - Pilocytic astrocytoma
Japan (Lions Mansion) – Fibrillary astrocytoma, cerebellum

Case 7 - Diagnosis: Pilocytic astrocytoma (WHO I), cerebellum

Case 7 - References:
Suprasellar pilocytic astrocytoma: one national centre's experience.
Childs Nerv Syst 2014 Jul;30(7): p1243-8
Mandiwanza T; Kaliaperumal C, et al.

Adult with cerebellar anaplastic pilocytic astrocytoma associated with BRAF V600E mutation and p16 loss.
Clin Neuropathol 2013 May-Jun;32(3): p159-64
Yeo YH; Byrne NP, et al.

Pilocytic astrocytoma: a disease with evolving molecular heterogeneity.
J Child Neurol 2013 May;28(5): p625-32
Sadighi Z; Slopis J

Pilocytic astrocytoma with leptomeningeal dissemination.
Childs Nerv Syst 2013 Mar;29(3): p441-50
Bian SX; McAleer MF, et al.

Adult pilocytic astrocytomas: clinical features and molecular analysis.
Neuro Oncol 2014 Jun;16(6): p841-7
Theeler BJ; Ellezam B, et al.

Outcome analysis of childhood pilocytic astrocytomas: a retrospective study of 148 cases at a single institution.
Neuropathol Appl Neurobiol 2013 Oct;39(6): p693-705
Colin C; Padovani L, et al.

Case No. 8, Accession No. 31766 May 2015

Glendale - Glioblastoma multiforme
San Diego (Naval Medical Center) – Glioblastoma multiform
San Francisco (UCSF) - Glioblastoma
Torrance (Harbor UCLA) – Astrocytoma grade 4, GBM
Connecticut, Danbury – Glioblastoma multiforme
Delaware (Armed Forces Medical Examiner System) - Glioblastoma multiforme
Florida (Munroe Hospital) – Glioblastoma multiforme
Georgia – Glioblastoma multiforme
Illinois (Heartland Regional Medical Center) - Glioblastoma Multiforme
Kansas (Peterson Laboratory Services) - Astrocytoma, Grade 4/4 / Anaplastic astrocytoma
Louisiana (LSUHSC) – GBM
Maryland(University of Maryland) – Glioblastoma
Maryland (WRNMMC) - Glioblastoma
Mississippi (University of Mississippi) - GBM
New York (University of Rochester)– Glioblastoma multiforme
North Carolina, Clemmons – Glioblastoma multiforme
Ohio, Columbus – Brain, Right temporal lobe, glioblastoma multiforme
Ohio, Toledo (University of Toledo – Glioblastoma multiforme
Pennsylvania (Drexel University College of Medicine) Residents - GBM
Puerto Rico (University of Puerto Rico) – Glioblastoma WHO grade 4
Tennessee, Knoxville - Glioblastoma multiforme
Texas, Crystal Beach - Astrocytoma high grade
Texas, Lubbock - Glioblastoma multiforme
Texas (Baylor Scott & White) – Glioblastoma multiforme
Australia (Royal Prince Alfred Hospital) - Glioblastoma
Canada (Royal Alexandra Hospital) - Glioblastoma multiforme
Canada (Pasqua Hospital) - Glioblastoma
Japan – Glioblastoma multiforme
Japan (Asahi General Hospital) - Glioblastoma
Japan (Lions Mansion) – Glioblastoma, temporal lobe, brain

Case 8 - Diagnosis: Glioblastoma (WHO IV), temporal lobe, brain

Case 8 - References:
Biomarkers of glioblastoma multiforme.
Metabolism 2015 Mar;64(3 Suppl 1): pS22-7

Nicolaidis S

Molecular characterizations of glioblastoma, targeted therapy, and clinical results to date.
Cancer 2015 Feb 15;121(4): p502-16
Bastien JI; McNeill KA; Fine HA

Glioblastoma in the elderly.
Cancer Treat Res 2015;163:159-70
Chamberlain MC

Stem cell signature in glioblastoma: therapeutic development for a moving target.
J Neurosurg 2015 Feb;122(2): p324-30
Nakano I

Current medical treatment of glioblastoma.
Cancer Treat Res 2015;163:103-15
Venur VA; Peereboom DM; Ahluwalia MS

Early presentation of primary glioblastoma.
Neurochirurgie 2014 Aug;60(4): p188-93
Faguer R; Tanguy JY, et al.

Case No. 9, Accession No. 31877 **May 2015**

Glendale - Medulloblastoma
San Diego (Naval Medical Center) – Medulloblastoma, desmoplastic nodular variant
San Francisco (UCSF) - Desmoplastic/nodular medulloblastoma
Torrance (Harbor UCLA) – Medulloblastoma, Desmoplastic
Connecticut, Danbury - Medulloblastoma
Delaware (Armed Forces Medical Examiner System) - Medulloblastoma
Florida (Munroe Hospital) – Medulloblastoma
Georgia - Medulloblastoma
Illinois (Heartland Regional Medical Center) - Cerebellar Medulloblastoma
Kansas (Peterson Laboratory Services) - Medulloblastoma (2), nodular/desmoplastic
Louisiana (LSUHSC) – Medulloblastoma
Maryland(University of Maryland) – Desmoplastic medulloblastoma
Maryland (WRNMMC) - Medulloblastoma
Mississippi (University of Mississippi) - Atypical teratoid/rhabdoid tumor
New York (University of Rochester)– Medulloblastoma (with desmoplastic/nodular features)
North Carolina, Clemmons – Nodular medulloblastoma
Ohio, Columbus – Cerebellum, desmoplastic medulloblastoma
Ohio, Toledo (University of Toledo - Medulloblastoma
Puerto Rico (University of Puerto Rico) – Medulloblastoma, nodular desmoplastic variant
Tennessee, Knoxville - Medulloblastoma
Texas, Crystal Beach - Medulloblastoma
Texas, Lubbock - Neuroblastoma
Texas (Baylor Scott & White) - Medulloblastoma
Australia (Royal Prince Alfred Hospital) - Desmoplastic medulloblastoma
Canada (Royal Alexandra Hospital) - Medulloblastoma
Canada (Pasqua Hospital) – Nodular medulloblastoma
Japan – Malignant lymphoma
Japan (Asahi General Hospital) - Medulloblastoma
Japan (Lions Mansion) – Medulloblastoma, cerebellum

Case 9 - Diagnosis: Nodular/desmoplastic medulloblastoma, cerebellum

Case 9 - References:

Survival and prognostic factors of early childhood medulloblastoma: an international meta-analysis.
J Clin Oncol 2010 Nov 20;28(33): p4961-8
Rutkowski S; von Hoff K, et al.

Subtypes of medulloblastoma have distinct developmental origins.
N Engl J Med. 2009 Sep 17; 361(12):1173-8/PMID:19726761

Childhood medulloblastoma: novel approaches to the classification of a heterogeneous disease.
Acta Neuropathol 2010 Sep;120(3): p305-16
Ellison DW

[Medullomyoblastoma: a medulloblastoma with rhabdomyoblastic differentiation]
Ann Pathol 2010 Apr;30(2): p135-8
Gauchotte G; Baylac F, et al.

A case of aggressive medulloblastoma with multiple recurrent chromosomal alterations.
Cancer Genet Cytogenet 2010 Jan 15;196(2): p198-200
da Silva FE; Cordeiro AB, et al.

Outcome and prognostic factors of desmoplastic medulloblastoma treated within a multidisciplinary treatment concept.
BMC Cancer 2010;10:450
Rieken S; Gaiser T, et al.

Desmoplastic medulloblastoma arising from an ovarian teratoma: a case report and review of the literature.
Int J Surg Pathol 2013 Aug;21(4): p427-31
Wey SL; Chen CK, et al.

Histological variants of medulloblastoma are the most powerful clinical prognostic indicators.
Pediatr Blood Cancer 2013 Feb;60(2): p210-6
Massimino M; Antonelli M, et al.

Case No. 10, Accession No. 31513 May 2015

Glendale - Meningioma
San Diego (Naval Medical Center) - Meningioma
San Francisco (UCSF) - Meningioma
Torrance (Harbor UCLA) – Papillary rhabdoid meningioma
Connecticut, Danbury – Meningioma, meningothelial type
Delaware (Armed Forces Medical Examiner System) - Meningioma
Florida (Munroe Hospital) – Meningioma
Georgia - Meningioma
Illinois (Heartland Regional Medical Center) - Meningioma
Kansas (Peterson Laboratory Services) - Meningioma (2)
Louisiana (LSUHSC) – Meningioma
Maryland(University of Maryland) – Meningioma with rhabdoid features
Maryland (WRNMMC) - Meningioma
Mississippi (University of Mississippi) - Meningioma
New York (University of Rochester) - Meningioma
North Carolina, Clemmons – Meningioma, WHO grade 1
Ohio, Columbus – Anterior skull base, meningioma
Ohio, Toledo (University of Toledo - Meningioma
Puerto Rico (University of Puerto Rico) – Meningioma, rhabdoid variant
Tennessee, Knoxville - Meningioma
Texas, Crystal Beach - Craniopharyngioma

Texas, Lubbock - Meningioma
Texas (Baylor Scott & White) - Meningioma
Australia (Royal Prince Alfred Hospital) - Meningioma grade 1
Canada (Royal Alexandra Hospital) - Craniopharyngioma
Canada (Pasqua Hospital) - Meningioma
Japan - Paraganglioma
Japan (Asahi General Hospital) - Rhabdoid meningioma
Japan (Lions Mansion) – Meningioma, epithelioid , skull base

Case 10 - Diagnosis: Meningioma, skull

Case 10 - References:

Posterior clinoid process meningioma.
Clin Neurol Neurosurg 2013 Aug;115(8): p1517-9
Shukla D; Gangadharan J, et al.

Surgical resection of pediatric skull base meningiomas.
Childs Nerv Syst 2013 Jan;29(1): p83-7
Burkhardt JK; Neidert MC, et al.

Image-guided resection of spheno-orbital skull-base meningiomas with predominant intraosseous component.
Acta Neurochir (Wien 2013 Jun;155(6): p981-8
Marcus H; Schwindack C, et al.

Meningioma arising from the anterior skull base and filling the nasal cavity.
J Craniofac Surg 2013 Jul;24(4): pe441-4
Keskin G; Ila K

Malignant potential of skull base versus non-skull base meningiomas: clinical series of 1,663 cases.
Acta Neurochir (Wien 2013 Mar;155(3): p407-13
Cornelius JF; Slotty PJ, et al.

Skull base secretory meningioma. Value of histological and immunohistochemical findings for peritumoral brain edema formation.
Neuro Endocrinol Lett 2013;34(2): p111-7
Zielinski G; Grala B, et al.