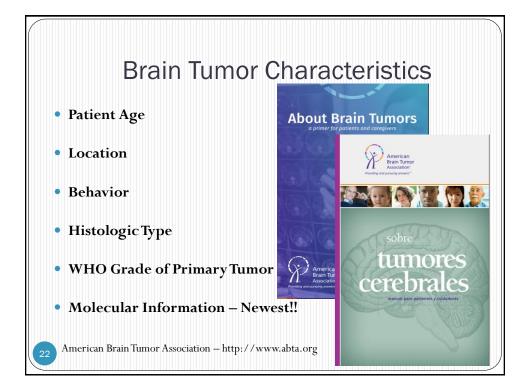
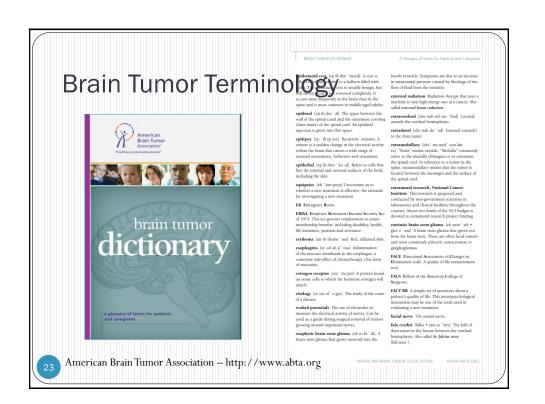
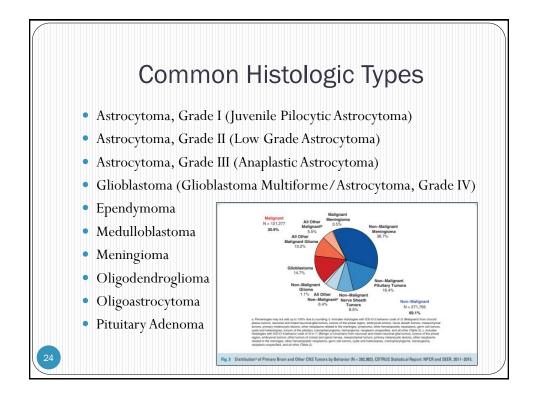
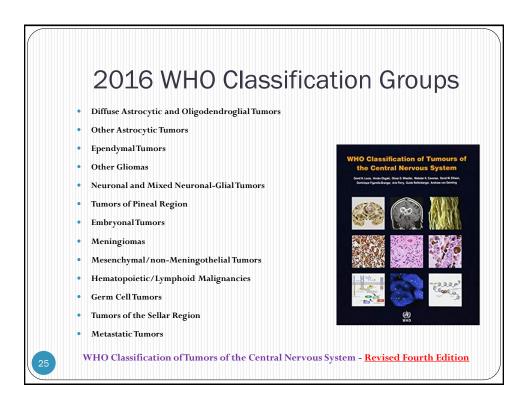


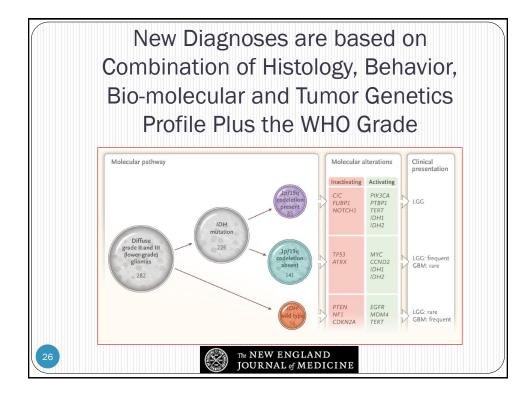
Not Re	norta	
Not Re	norta	ble Neepleenee
NOL RE	rvoris	
		able Neoplasms
	Table 4: N	on-Reportable Neoplasms
		able identifies histology/site combinations which are <u>not reportable</u> . This entral Brain Tumor Registry of the United States (CBTRUS).
Non-reportable Histology Term	Non-reportable Histology Code	Definitions and Sites
Carcinomas		Brain C710-C719
	8671, 8940-8941	Site/histology edit carcinomas/brain
Carcinomas	8941	Cerebral meninges, spinal meninges, meninges NOS C700-C709 Site/histology edit carcinomas/meninges
Carcinomas		C721-C729 (Other central nervous system)
- 4 - 4	8941	Site/histology edit carcinomas/other CNS
Colloid cyst	No code	
Epidermoid tumor/cyst Glomus tympanicum, glomus jugulare	No code	These tumors occur in the inner ear, the aortic body and other paraganglia
Giomus tympameum, giomus Juguiare	8090/1	respectively; these sites are not reportable.
Hygroma	9173/0	
Hypothalamic hamartoma	No code	Occurs in hypothalamus
Neurofibromatosis, type 1 (NF1)	No code*	Genetic disease that produces non-malignant tumors in the skin, brain, CNS, and other sites. The brain and CNS tumors spawned by NF1 are reportable, the genetic disease is not.
Neurofibromatosis, type 2 (NF2)	No code*	Genetic disease that produces non-malignant tumors in the skin, brain, CNS, and other sites. The brain and CNS tumors produced by NF2 are reportable, the genetic disease is not.
Neuroglial cyst	No code	Ventricles
Osteochondroma	9210/0	Originates in the cartilage around bone, site not reportable for non- malignant neoplasms
D-41-1	No code	Sella turcica C751. This is a Rathke cleft CYST, not a Rathke cleft tumor
Rathke cleft cyst		

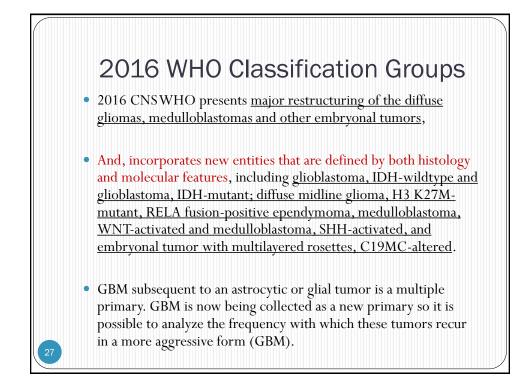




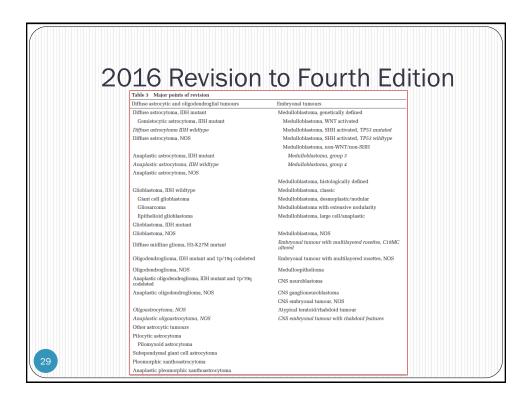








Angularia de la tambié Desembrojensie Reverse/Heide International Mangularia de la tambié Desembre	9413/0 9492/0 9505/1 9505/3 9493/0 9493/0 9509/1 9509/1 9509/1 9508/1 9508/1 9508/1 9508/1 9508/1 9508/1 9508/1 9362/3 9362/3 9362/3 9395/3	Materiolo schwarnoma Napczi nawostkoma Processowa w starowania Processowa w starowania Processowa w starowania Micro ana pro biologica Micro ana pro biologica Micro processowania Micro processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania Processowania	9560/1 9540/0 9550/0 9550/0 9571/0 9540/3 9540/3 9540/3 9540/3 9531/0 9532/0 9532/0 953300 953300 95380/1 9538/1 9538/1 9538/1 9538/3	Oldschunderst Discoarcons Menrozei metarcolar Menrozei metarcolar Menrozei metarcolar Menrozei metarcolar Menrozei metarcolar Menrozei metarcolar Difuse large S-oll Imptons d'ho CNS Immunolariono-sessociato CDS (protona Difuse large S-oll Imptons d'ho CNS Immunolariono-sessociato CDS (protona Edv.costo de S-oll Imptons d'ho CNS T-cell ant NICT-cell Imptons d'ho CNS Medic Imptons d'ho S-sa	
Ganglogioma Anaplasis quantifogioma (Lihermiter-Ducko desense) Desmoplasis (Indinie astrocychron and ganglogioma Resetter-Serving gloreauronal Junour Diffue leptomeringal gloreauronal Junour Diffue leptomeringal Pragatogloreauronal Junour Resetter Service and Service and Service Resetter Service and Service and Service and Service and Service Resetter Service and Service and Service and Service and Service Resetter Service and Service a	9605/1 9605/3 9493/0 9412/1 9509/1 9509/1 9506/1 8993/1 9361/1 9362/3 9362/3 9395/3	Neurolizonia Appell neurolizonia Perronuoria Hyrori aneve shash kunous Micro ane perubasi ane shash kunous Micro anever perubasi al differentiation Micro anever perubasi al differentiation Persoa menejorana Persoa menejorana Persoa menejorana Anglenatioa menejorana Anglenatioa menejorana Anglenatioa menejorana Mesepatasi menejorana Mesepatasi Mesepatasi menejorana Mesepatasi menejorana Mesepat	95400 95400 95700 95710 95403 95403 95403 95403 95403 95403 95310 95320 95320 95320 95320 95320 95300 95300 95300 95380 95300 95381 95391	Orienterioria Matericogia Innovati Mannogal Indencogian Mannogal Indenco	918 872 872 872 968 976 976 976 971 970 969
Ganglogioma Anaplasis quantifogioma (Lihermiter-Ducko desense) Desmoplasis (Indinie astrocychron and ganglogioma Resetter-Serving gloreauronal Junour Diffue leptomeringal gloreauronal Junour Diffue leptomeringal Pragatogloreauronal Junour Resetter Service and Service and Service Resetter Service and Service and Service and Service and Service Resetter Service and Service and Service and Service and Service Resetter Service and Service a	9505/3 9493/0 9412/1 9509/1 9509/1 9506/1 9506/1 9506/1 9506/1 9506/1 9362/3 9362/3 9362/3 9362/3	Neurolizonia Appeal neurolizonia Perronuoria Hyrori aneve shash kunous Micro ane perubasi ane shash kunous Micro anever perubasi al differentiation Micro anever perubasi al differentiation Person anever perubasi al differentiation Person anever perubasi al Person anever persona a Appeala anever persona a Appeala anever persona Appeala energiona Messagati neurogiona Messagati neurogiona Messagati neurogiona Appeala reinogona Appeala reinogona Appeala reinogona	95400 95400 95700 95710 95403 95403 95403 95403 95403 95403 95310 95320 95320 95320 95320 95320 95300 95300 95300 95380 95300 95381 95391	Orienterioria Matericogia Innovati Mannogal Indencogian Mannogal Indenco	918 872 872 872 968 976 976 976 971 970 969
Drapisatic cerebrief anglicostores (Libernitz-Lockica disease) Degradizations/lone and applications Residuations/lone and Residuation of the second second Cerebrief (Residuaria) Cerebrief (Residuaria) Cereb	9493/0 9412/1 9509/1 9509/1 9508/1 9508/1 9508/1 9508/1 9308/1 9362/3 9362/3 9362/3 9395/3	Appeal muscificoma Pearlorm Market and a second second Market and a second second Market and Second Market and Second Second Se	9540/0 9550/0 9571/0 9571/0 9540/3 9540/3 9540/3 9532/0 9532/0 9532/0 9532/0 9533/0 9533/0 9533/0 9530/0 9530/0 9530/0 9539/1 9538/1	Hencogati Internet Marringat Interfaces Marringat Interfaces Marringat Interfaces Marringat Interfaces Marringat Interfaces Marringat Interfaces Marringati Interfaces	872 872 872 968 976 976 971 971 971 970 969
(Lihemite-Ducka Seeise) Democlasics Infinite astrocyclom and granfcollom Methods and the series of the series Rostest-ormanic Caritate leptomeringal glonauronal turnour Ottave leptomeringal glonauronal turnour Ottave leptomeringal glonauronal turnour Caritate leptomeringal glonauronal turnour Ottave leptomeringal Paragangions Network y uncour of the pineal region Anglicity strong of the glonal region Preditivy strong of the glonal region Rosten y stro	9412/1 9509/1 9509/1 9506/1 9506/1 9506/1 9506/1 9506/1 9362/3 9362/3 9362/3 9362/3 9395/3	Perform neuroficional Periodicana Marginari percheral nerve stenth umore Epencies MMSM Marginari percheral nerve Marginari Marginari Percesana Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantari Terraligantar	95500 9571/0 9540/3 9540/3 9540/3 9530/0 9531/0 9532/0 9533/0 9533/0 9533/0 9530/0 9530/0 9530/0 9530/0 9538/1 9538/1	Menngai Indexcopida Menngai Indexcopida Menngai Indexcopida Menngai Indexcopida Menngai Indexcopida Immunodificação suscetata CMS (matoma EMS) suscetata CMS (matoma EMS) suscetata USA Menna Suscetata Suscetata CMS (matoma Menna Suscetata Suscetata Suscetata Menna Suscetata Suscetata Suscetata Menna Suscetata Suscetata Suscetata Menna Suscetata Suscetata Suscetata Menna Susc	872 872 968 968 970 971 971 971 970 969
Descriptions infantitie saturosyona and garangicolomia populary sioneworks that would be appreciated and the saturation of Diffuse signation results of Carabilist isopeneosystemia transportional results of the phone results of the pho	9412/1 9509/1 9509/1 9506/1 9506/1 9506/1 9506/1 9506/1 9362/3 9362/3 9362/3 9362/3 9395/3	Perinautona Hydro nerve elevelt turnours Hydro nerve elevelt turnours Enhulisk MPRST MRST one prefravatal differentiation United to the turnours Managenetic turnours Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managenetic Managene	9671/0 9540/3 9540/3 9540/3 9540/3 9530/0 9531/0 9532/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0	Menngai Indexcopida Menngai Indexcopida Menngai Indexcopida Menngai Indexcopida Menngai Indexcopida Immunodificação suscetata CMS (matoma EMS) suscetata CMS (matoma EMS) suscetata USA Menna Suscetata Suscetata CMS (matoma Menna Suscetata Suscetata Suscetata Menna Suscetata Suscetata Suscetata Menna Suscetata Suscetata Suscetata Menna Suscetata Suscetata Suscetata Menna Susc	872 872 968 968 970 971 971 971 970 969
agregications Papellary diversional tumos Diffuse sectors groups distance out tumos Cartela insuccional cartela insuccional caretal insuccional caretal insuccional caretal insuccional caretal insuccional caretal insuccional caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal caretal car	9609/1 9509/1 9506/1 9506/1 9506/1 9606/1 8693/1 9361/1 9362/3 9395/3 9475/3*	Hydro rave sharth Surrours Misron profession Misron profession Misron profession Misron profession Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron Misron M	9540/3 9540/3 9540/3 9530/0 9531/0 9532/0 9532/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0	Menngal melanoyiona Menngal melanonabas Menngal melanonabas Zuppona Disk anga Soek Iyrabona et te OS Disk anga Soek Iyrabona et te OS Disk anga Soek Iyrabona OS Iyrabona ADS related paradimetas ADS related paradimetas Designational disk anga Soek Iyrabona Carponab Soek Iyrabona Soe Carponab Soek Iyrabona ot CSS Carponab Soek Iyrabona ot CSS Angatas teritor Iyrabona, AX-negative Anti-Tyrabona ot the CAS Multi-Tyrabona ot the CAS Langentare ot the dospositi	872 872 968 968 970 971 971 971 970 969
Pepiliary gioneurona tunour Rosette-Orma Disease leptomeningia gioneurona tunour Otto a leptomeningia Giona tunour como Carabellar leptoneurocytoma Paragargiona Prata paracropres uncos of nermediate differentiation Prese y success of the pineal region Prese process of the pineal region Prese process of the pineal region Protocytome uncos of the fineal Region y uncos of the pineal region Prese y unc	9609/1 9509/1 9506/1 9506/1 9506/1 9606/1 8693/1 9361/1 9362/3 9395/3 9475/3*	Marganar perchanal news tatah uncur Eperated VMSt al Alferentiasion (SCT min present al Alferentiasion (SCT min present) (SCT min present)	9540/3 9540/3 9531/0 9531/0 9532/0 9532/0 9532/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9538/1 9538/1 9538/1	Mennigal melanoni Mennigal melanoni Seminarya melanoni Dimensional and the seminarya Mennika and the seminarya Berkopole dimensional people and people menanischar targe Boott symposism menanischar target symposism	872 872 968 976 976 971 971 971 970 969
Riseles-forming gloreuronal tuncur Diffuse jectomeringal gloreuronal tuncur Editation gloreurongol Bereballer gloreurosytoma Bangangiona Umous of the philosit region Principal gloreurophic tuncur of intermediate Principal gloreurophic tuncur of intermediate Pagalag suncur of the philosit region Pagalag suncur of the philosit region Pagalag suncur of the philosit region Pagalag suncur of the philosit region Meducibations, WHY activated Meducibations, WHY activated Meducibations, WHY activated Meducibations, WHY activated Meducibations, WHY activated Meducibations, WHY activated Meducibations, WHY activated	9509/1 9506/1 9506/1 9506/1 9506/1 9506/1 9361/1 9362/3 9362/3 9395/3 9395/3	Entrolició MPNST MPST interpretada differentiation Menoportas Monoportas Monoportas Monoportas Monoportas Monoportas Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonalos Paramonal	9540/3 9540/3 9531/0 9531/0 9532/0 9532/0 9532/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9538/1 9538/1 9538/1	Monrojest independent Lorgeones Diffue large B-cell ymphoma of the CMS Immandedirequivascented CMS (Marchart Immandedirequivascente) ENPL optimized granulamation Intervension large B-cell ymphoma Intervension large B-cell Intervension large B-c	872 968 970 971 971 971 965
Diffue leptoniningial gloinauronal turnour Certain revolution Description revolution Paragargions Pranta plantaria Ministration President y mount of the pineal region President y mount of the pineal region Preside	9506/1 9506/1 9506/1 8693/1 9361/1 9362/3 9362/3 9362/3 9395/3	MRST on princuid differentiation Consignation of the second differentiation Consignation of the second differentiation Consignation of the second differentiation Consignation of the second differentiation Methods and the second differentiati	9540/3 9530/0 9531/0 9532/0 9532/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/0 9530/1 9538/1 9538/1	Lympional Comparison of the CNS Immunolificancy associated CNS (preforman ADS related CNS) preforman EVP votative diffue large B coll systemme EVP votative diffue large B coll systemme Torell and NRC's of the preforman Comparison B coll systemme Apple stated b coll systemme Comparison Comp	968 NCS 97(97) 97) 97(965
Certal neurocytoria Edrawatricular Iraucotytoria Paragargicom Microsoft de pheal ergotto Microsoft de pheal Microsoft de pheal ergotto Microsoft de pheal Microsoft de pheal Microso	9506/1 9506/1 8693/1 9361/1 9362/3 9362/3 9395/3 9475/3*	Connegation Moniportalial moniporta Flora renergioraria Partonetta anterigaria Angoritado anteringoria Angoritado anteringoria Monopolitationetta anteringoria Monopolitationetta anteringoria Monopolitationetta anteringoria Monopolitationetta anteringoria Monopolitationetta anteringoria Appalaty meniporia	9531/0 9532/0 9537/0 9534/0 9530/0 9530/0 9530/0 9530/0 9538/1 9538/1 9538/1 9538/1	Diffuse large B-cell hymporna of the CNS Immunodeficiency-associated CNS hympornas ADD-related diffuse large B-cell hymporna EVS positive diffuse large B-cell hymporna Low-grade B-cell hymporna Low-grade B-cell hymporna the CNS T-cell and NKT-cell hympornas of the CNS T-cell and NKT-cell hympornas dhe CNS Anaplastic large cell hymporna, LK-negative MALT hymporna of the CMS Helsocytic tumours Langeman cell hystopotas	NOS 977 977 977 977 965
Estrainticular resurces of main Canadial representations Paragragiona Unions of the pheal region Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Productions Produ	9506/1 9506/1 8693/1 9361/1 9362/3 9362/3 9395/3 9475/3*	Maningdhellaf meningana Falsa a meningkina Falsa a meningkina Paarmonatau meningkina Anglorataus meningkina Macosylia meningkina Sectebor meningkina Sectebor meningkina Diarbada meningkina Diarbada meningkina Appola meningkina Appola meningkina Pataboda meningkina	9531/0 9532/0 9537/0 9534/0 9530/0 9530/0 9530/0 9530/0 9538/1 9538/1 9538/1 9538/1	Immunositiciancy-associated CR8 lymphoma ADS-related dituse large 6-bal lymphoma EVV-positive dituse large 6-bal lymphoma EVV-positive dituse large 6-bal lymphoma Low-grade 8-bal lymphoma dithe CNS T-cell and NEVT-pol lymphoma dithe CNS T-cell and NEVT-pol lymphoma dithe CNS Anglastic large cell lymphoma. ALK-negative MALT-lymphoma dithe CNS Hetsocytic lumours Langentrane cell histocytosis	NOS 977 977 977 977 965
Cerebellar Igoneurosytomia Prangangiona Uncorto of the pheal registra Amount of the pheal registra Amount of the pheal region Preductives of the pheal region Profession of the pheal region of the pheal regio	9506/1 8693/1 9361/1 9362/3 9362/3 9395/3 9475/3*	Pitrousi meningkana " Transitikani meningkana Pasimomistaka meningkana Microsyste meningkana Sacietaky meningkana Sacietaky meningkana Umeraka meningkana Checkada meningkana Apipala meningkana Apipala meningkana Apipala meningkana	9531/0 9532/0 9537/0 9534/0 9530/0 9530/0 9530/0 9530/0 9538/1 9538/1 9538/1 9538/1	AIDS-related diffuse large B-cell lymphoma EBV-position diffuse large B-cell lymphoma. Lymphomaticid granularitation to the second second second second second compared and the second second second second compared and the second second second second compared second second second second second compared second second second second compared second second second second compared second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second seco	NOS 970 971 971 971 965
Cerebellar Igoneurosytomia Prangangiona Uncorto of the pheal registra Amount of the pheal registra Amount of the pheal region Preductives of the pheal region Profession of the pheal region of the pheal regio	8693/1 9361/1 9362/3 9362/3 9395/3 9475/3*	Pitrousi meningkana " Transitikani meningkana Pasimomistaka meningkana Microsyste meningkana Sacietaky meningkana Sacietaky meningkana Umeraka meningkana Checkada meningkana Apipala meningkana Apipala meningkana Apipala meningkana	9532/0 9537/0 9533/0 9534/0 9530/0 9530/0 9530/0 9530/0 9538/1 9538/1 9538/1 9538/1	EBV positive diffue large B-cell implome, Lymphomatic granulomateis Instrusscular large B-cell lymphoma Low-graide B-cell lymphoma dH cNS T-cell and HKT-cell hymphoma of the CNS Anaplastic large cell lymphoma, ALX-negative MALT-hymphoma of the dura Histocytic lumours Langentane cell instocytosis	NOS 97/ 97 97 97 97 97
Paragraphicma Uniours of the pineal region Meta-Point Processions Processions Papellary survour of the pineal region Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Meta-Disclosma Met	9361/1 9362/3 9362/3 9395/3 9395/3	Transitional moningiones Pearmonatous meningiones Angiomatous meningiones Microcystic meningiones Microcystic meningiones Lymphoplasmoyle-rich meningiones Chardodi meningiones Chardodi meningiones Caler cell meningiones Applical meningiones Applical meningiones Phalabodi meningiones	9637/0 9633/0 9634/0 9630/0 9630/0 9630/0 9630/0 9638/1 9638/1 9638/1 9638/1	Lymphomatoid granuloritatois Intravascular large B-cell lymphoma Low-grade B-cell lymphomas of the CNS T-cell and NKT-cell lymphomas of the CNS Anaplastic large cell lymphoma, ALX-negative Anaplastic large cell lymphoma, ALX-negative MALT lymphoma of the dura Histocytic tumours Langentmas cell histocytosis	97 97 97 97 97 96
Presp paraceyonna Presp paraceyonna fumour of intermediate differentiation Preoblestoma Papillary tumour of the pineal region Chritymed Internet Medulobiatoma, writerally defined Medulobiatoma, SH4-activated and <i>TPSSymutant</i>	9362/3 9362/3 9395/3 9475/3*	Pearmmonatous meningioma Angiornatous meningioma Microcystic meningioma Sacetatory meningioma Umphoplaismacyle-infi meningioma Metaplatati meningioma Chectodo meningioma Anginal meningioma Anginal meningioma Papilaay meningioma	9633/0 9634/0 9530/0 9530/0 9530/0 9530/0 9538/1 9538/1 9538/1 9538/3	Intraviscular large B-cell lymphoma Low-grade B-cell lymphomas of the CNS T-cell and NKT-cell lymphomas of the CNS Anaplastic large cell lymphoma, ALX-negative MALT lymphoma of the dura Histocytic tumours Langenhans cell histocytosis	97 97 97 96
Presp paraceyonna Presp paraceyonna fumour of intermediate differentiation Preoblestoma Papillary tumour of the pineal region Chritymed Internet Medulobiatoma, writerally defined Medulobiatoma, SH4-activated and <i>TPSSymutant</i>	9362/3 9362/3 9395/3 9475/3*	Anglornatous meningiona Microcystic meningiona Secretory meningiona Lymphoplasmexyter-ich meningiona Metaplastic meningiona Cherotici meningiona Car cell meningiona Anypocal meningiona Papillary meningiona Phabdiodi meningiona	9534/0 9530/0 9530/0 9530/0 9530/0 9538/1 9538/1 9538/1 9538/3	Low-grade B-ceil lymphories of the CNS T-cell and NRT-cell lymphores of the CNS Anaplastic large cell lymphorma, ALK-positive Anaplastic large cell lymphorma, ALK-positive MALT lymphorna of the dura Hildiboytic tumours Langenhans cell histocytosis	97 971 961
Presp paraceyonna Presp paraceyonna fumour of intermediate differentiation Preoblestoma Papillary tumour of the pineal region Chritymed Internet Medulobiatoma, writerally defined Medulobiatoma, SH4-activated and <i>TPSSymutant</i>	9362/3 9362/3 9395/3 9475/3*	Microsystic meningioma Secretory meinigioma Lymphoglasmocyte-rich meningioma Onecodio meningioma Checodio meningioma Appical meningioma Appical meningioma Papillary meningioma Phabdiodi meningioma	9530/0 9530/0 9530/0 9538/1 9538/1 9538/1 9538/1 9538/3	T-cell and NKT-cell lymphomas of the CNS Anaplastic large cell lymphoma, ALK-positive Anaplastic large cell lymphoma, ALK-negative MALT lymphoma of the dura Histocytic tumours Langerhans cell histocytosis	97 96
Prineal parencisiyine lumcur of intermediate differentiation Precoblestome Papillary tumour of the pineal region Embryonal tumour Indicated and prefetally defined Medu/Jobiatoma, WH-4activated and 7765/mutant	9362/3 9362/3 9395/3 9475/3*	Secretary meningiona Lymphoplasmacyte-rich meningioma Metaplastic meningioma Cherodia meningioma Caer cell meningioma Appical meningioma Papilary meningioma Phabdoid meningioma	9530/0 9530/0 9530/0 9538/1 9538/1 9538/1 9538/3	Anaplastic targe cell lymphoma, ALK-positive Anaplastic targe cell lymphoma, ALK-negative MALT lymphoma of the dura Histocytic tumours Langerhans cell histocytosis	97 96
differentiation Precibilisationa Papillary turnour of the pineal region Embryonal turnour Mediatations of the pineal of the different Mediatations (MNT-activated Mediatations, SHH-activated and 7P53-mutant	9362/3 9395/3 9475/3*	Lymphoplasmacyte-rich meningioma Metaplastis meningioma Chordold meningioma Abpical meningioma Papillary meningioma Phabdold meningioma	9530/0 9530/0 9538/1 9538/1 9538/1 9538/3	Anaplastic large cell lymphoma, ALK-negative MALT lymphoma of the dura Histlocytic tumours Langerhans cell histlocytosis	97 96
Papillary turnour of the pineal region Embryonal turnours Mediatecome penetically defined Medulobilastoma, SHH-activated and 7P53-mutant	9395/3 9475/3*	Metaplastic meningioma Chordold meningioma Clear cell meningioma Atypical meningioma Papillary meningioma Bhabdiol meningioma	9530/0 9538/1 9538/1 9539/1 9538/3	MALT lymphoma of the dura Histiocytic tumours Langerhans cell histiocytosis	96
Papillary turnour of the pineal region Embryonal turnours Mediatecome penetically defined Medulobilastoma, SHH-activated and 7P53-mutant	9395/3 9475/3*	Cherdoid meningioma Clear cell meningioma Atypical meningioma Papillary meningioma Bhabdoid meningioma	9538/1 9538/1 9539/1 9538/3	Histiocytic tumours Langerhans cell histiocytosis	
Embryonal tumours Meduloblestoma, whitelically defined Meduloblestoma, SHH-activated and <i>TPS3</i> -mutant	9475/3*	Clear cell meningioma Atypical meningioma Papillary meningioma Rhabdovici meningioma	9538/1 9539/1 9538/3	Langerhans cell histiocytosis	07
Medulloblastomac genetically defined Medulloblastoma, WNT-activated Medulloblastoma, SHH-activated and 7753-mutant		Papillary meningioma Rhabdoid meningioma	9538/3		
Medulloblastomac genetically defined Medulloblastoma, WNT-activated Medulloblastoma, SHH-activated and 7753-mutant		Rhabdoid meningioma			
Medulloblastoma, WNT-activated Medulloblastoma, SHH-activated and 7P53-mutant		Rhabdoid meningioma Anaplastic (malignant) meningioma	9538/3		97
Medulloblastoma, SHH-activated and 7P53-mutant		Anaplastic (malignant) meningioma		Rosai–Dorfman disease	
TP53-mutant	0470/2*		9530/3	Juvenile xanthogranuloma	
				Histiocytic sarcoma	97
		Mesenchymal, non-meningothelial tumours		Germ cell tumours	
7P53-wildtype	9471/3	Grade 1	8815/0	Germicell tumount	90
					90
					90
					91
					90
	9470/3	Epithelioid haemangioendothelioma	9133/3	Mature teratoma	90
		Angiosarcoma	9120/3	Immature teratoma	90
		Kaposi sarcoma	9140/3	Teratoma with malignant transformation	90
				Mixed oarm cell tumour	90
				Tumours of the sellar region	93
Embryonal tumour with multilavered rosettes				Adoraniopharyngiorna	93
	9478/3*				93
					95
	9478/3				94
					82
		Fibrosarcoma	8810/3		
		Undifferentiated pleomorphic sarcoma /		Metastatic tumours	
		malignant fibrous histiocytoma	8802/3	~	
		Leiomyoma		The morphology codes are from the International Classification for Opportunity (CDLC) (7/23). Between a podert (0 for bening	In of De
CNS embryonal tumour with rhabdoid features				/1 for unspecified, borderline, or uncertain behaviour, /2 for o	arcinon
ono onio yona tombol wannabbood leatures	00000			situ and grade III intraepithelial neoplasia: and (3 for malional	nt tumo
Tumours of the cranial and parasoninal parvas				The classification is monited from the previous WHO classifi- into account charges in our understanding of these jestings	sation, t
				*These new codes were approved by the IARC/MHO Commi	thee for
					/ 2013
		Catoona	010010	white classification or renders of both rased and both	
	Medulobilistomic, non-944 Medulobilistomic, group J Medulobilistomic, group J Medulobilistomic, group J Medulobilistomic, dissection Medulobilistomic, dissection Medulobilistomic, attention Medulobilistomic, with mediany in excluding Medulobilistomic, Web Medulobilistomic, Web Medulobi	Medu/bisatioms, group 3 Medu/bisatioms, group 3 Medu/bisatioms, group 3 Medu/bisatioms, group 3 Medu/bisatioms, generoplassichodular 94710 Medu/bisatioms, grean palassichodular 94710 Medu/bisations, grean palassichodular 94710 Medu/bisations grean palassichodular 94710 Califo architektoris grean palassichodular 94710 Califo architektoris grean palassichodular 94010 Califo architektoris grean palassichodular 94010 Califo architektoris grean palassichodular 94010 Califo architektoris grean palassichodular 94010 Califorat architektoris grean palassichodular 94010 Califorat architektoris grean palassichodular 94010 Califorat architektoris grean palassichodular 94010	Medulobiations, nor W1/nor 0.914 Q477/3 Grase 2 Medulobiations, prisologically defined Grase 3 Grase 2 Medulobiations, prisologically defined B477/3 Grase 2 Medulobiations, classic 6477/3 Grase 2 Medulobiations, classic 6477/3 Kapoli secons Medulobiations, classic 6477/3 Kapoli secons Medulobiations, classic 6477/3 Kapoli secons Medulobiations, fairpoint 6477/3 Medulobiations Medulobiations, fairpoint 6477/3 Medulobiations Medulobiations, fairpoint 6477/3 Medulobiations Medulobiations 6477/3 Medulobiations Medulobiations 6477/3 Medulobiations Medulobiations 6477/3	Meduloblatoms, norw N17/non-SH4 9477/3* Grade 2 86151 Meduloblatoms, prisologially defined Grade 2 86151 9530 Meduloblatoms, prisologially defined 94703 Grade 3 9530 Meduloblatoms, classic 94703 Earlielooi harangioancheationa 91303 Meduloblatoms, Cassic 94703 Earlielooi harangioancheationa 91303 Meduloblatoms, Cassic 94703 Earlielooi harangioancheationa 91402 Enthysical nume with multilyweid costes, CH3M calcistatoma 94703 Herromationa 98000 CH3M-Calleried 94703 Herromationa 98000 94703 CH3M-Calleried 94703 Herromationa 98000 94703 CH3M-Calleried 94703 Prinzolationa 98000 94703 Herromationa 98000 CH3M-Calleried 94703 Prinzolationa 98000 94703 Herromationa 98000 CH3M-Calleried 94703 Prinzona dyna teronationa 98000 94703 Herromationa 98000 CH3M-calleried 94703	Medulobilisation, norw/I/nor-941 94770 Grade 2 Bits / 1 Constraints Emportal accommon type Medulobilisation, norw/I/nor-944 94770 Grade 2 Bits / 1 Constraints Emportal accommon type Medulobilisation, desarco 94703 Grade 2 Bits / 1 Constraints Emportal accommon type Medulobilisation, desarco 94703 Grade 2 Bits / 1 Constraints Emportal accommon type Medulobilisation, desarco 94703 Grade 2 Bits / 1 Constraints Fractorial and provide the sectorial accommon type Medulobilisation, desarco 94703 Medulobilisation type Bits / 1 Constraints Fractorial and provide the sectorial accommon type Medulobilisation, Lings cull / angulatered tradement 94703 Medulobilisation type Fractorial accommon type Bits / 1 Constraints Fractorial accommon type Bits / 1 Constraints Fractorial accommon type Bits / 1 Constraints Medulobilisation Bits / 1 Constraints Bits / 1 Constraints



201				
201	ON			
201	O NI			-
ZUI			W/ ICD () 2 Histology	(
	.O IN		W ICD-0-3 Histology	UUU
			2018 ICD-O-3 New Codes, Behaviors, and Terms-Updated 8/22/18	
Status	Histology Value	Behavi		Reportable
New term	8720	3	Meningeal melanoma (C70 C71.)	Y
New term	8815	0	Solitary fibrous tumor/hemangiopericytoma Grade 1 (CNS) (C71.)	Y
New term/behavior	8815	1	Solitary fibrous tumor/hemangiopericytoma Grade 2 (CNS) (C71.)	Y
New term	8815	3	Solitary fibrous tumor/hemangiopericytoma Grade 3 (CNS) (C71.)	Y
New term	9382	3	Anaplastic oligoastrocytoma (C71)	Y
New term	9382	3	Oligoastrocytoma, NOS (C71,)	Y
New term & code	9385	3	Diffuse midline glioma, H3 K27M-mutant (C71_)	Y
New term & code	9395	3	Papillary tumor of pineal region (C75.3)	Y
New term & code	9396	3	Ependymoma, RELA fusion-positive (C71)	Y
New term	9400	3	Diffuse astrocytoma, IDH-mutant (C71)	Y
New term	9400	3	Diffuse astrocytoma, IDH-wildtype (C71)	Y
New term	9401	3	Anaplastic astrocytoma, IDH-mutant (C71)	Y
New term	9401	3	Anaplastic astrocytoma, IDH-wildtype (C71)	Y
New term	9424	3	Anaplastic pleomorphic xanthroastrocytoma (C71)	Y
New term & code	9425	3	Pilomyxoid astrocytoma (C71)	Y
New term & code	9431	1	Angiocentric glioma (C71)	Y
New term & code	9432	1	Pituicytoma (C75.1)	Y
New term	9440	3	Epithelioid glioblastoma (C71)	Y
New term	9440	3	Glioblastoma, IDH wildtype (C71)	Y
New term & code	9445	3	Glioblastoma, IDH-mutant (C71)	Y
New term	9450	3	Oligodendroglioma, IDH-mutant and 1p/19q-codeleted (C71_)	Y
New term	9451	3	Anaplastic oligodendroglioma, IDH-mutant and 1p/19q codeleted (C71_)	Y
New term	9470	3	Medulloblastoma, classic (C71)	Y
New term	9471	3	Medulloblastoma, SHH-activated and TP53-wildtype (C71)	Y
New term & code	9475	3	Medulloblastoma, WNT-activated (C71)	Y
New term & code	9476	3	Medulloblastoma, SHH-activated and TP53 mutant (C71)	Y
New term & code	9477	3	Medulloblastoma, group 3 (C71)	Y
New term & code	9477	3	Medulloblastoma, group 4 (C71)	Y
New term & code	9477	3	Medulloblastoma, non-WNT/non-SHH (C71)	Y
New term & code	9478	3	Embryonal tumor with multilayered rosettes C19MC-altered (C71)	Y
New term & code	9478	3	Embryonal tumor with multilayered rosettes, NOS (C71)	Y
New term	9508	3	CNS Embryonal tumor with rhabdoid features (C71)	Y
New term	9508	3	Embryonal tumor with rhabdoid features (C71)	Y
New term & code	9509	1	Diffuse leptomeningeal glioneuronal tumor (C71)	Y
New term & code	9509	1	Papillary glioneuronal tumor (C71)	Y
New term & code	9509	1	Rosette-forming glioneuronal tumor (C71)	Y
New term & code	9542 9560	3	Epithelioid malignant peripheral nerve sheath tumor (C47.0-C47.6, C47.8, C47.9)	Y

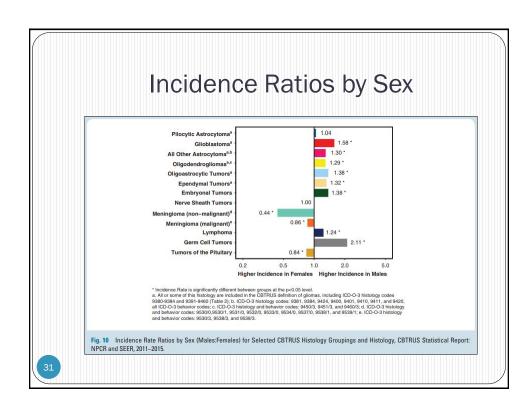
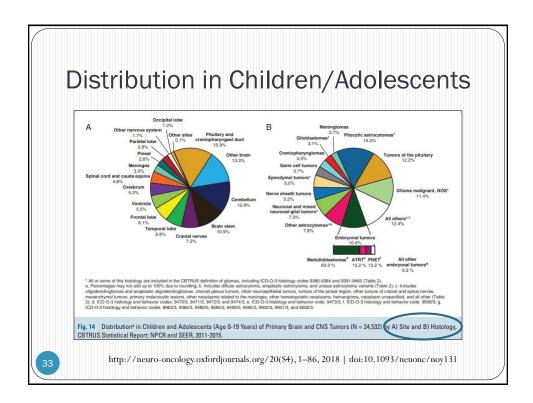
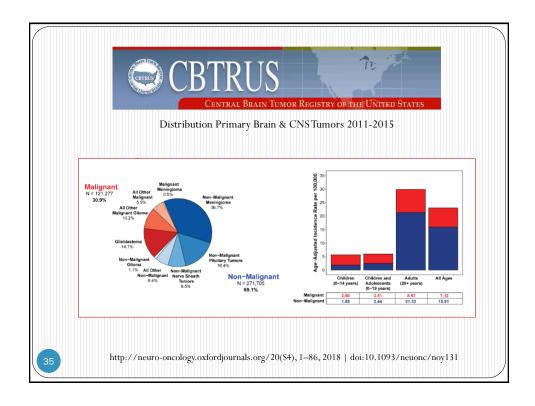
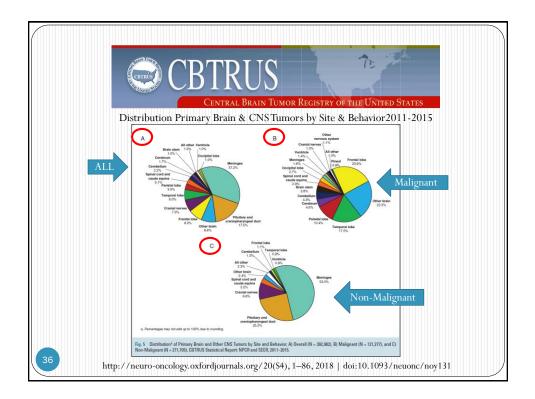


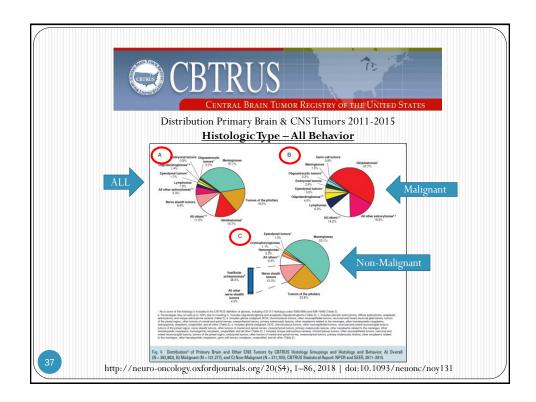
Figure	13. Most Common Brai CBTRUS Statistical Report: NPCR a	n and CNS Tumors by Age and SEER Data from 2004-2007	
Age (yr)	Most Common Histology	Second Most Common Histology	
0-4	Embryonal/medulloblastoma	Pilocytic astrocytoma	
5-9	Pilocytic astrocytoma	Malignant glioma, NOS	
10-14	Pilocytic astrocytoma	Neuronal/glial	
15-19	Pituitary	Pilocytic astrocytoma	
20-34	Pituitary	Meningioma	
35-44	Meningioma	Pituitary	
45-54	Meningioma	Glioblastoma	
55-64	Meningioma	Glioblastoma	
65-74	Meningioma	Glioblastoma	
75-84	Meningioma	Glioblastoma	
85+	Meningioma	Neoplasm, unspecified	
		e of the top incidence tumors for solid tumor in children (0-19	

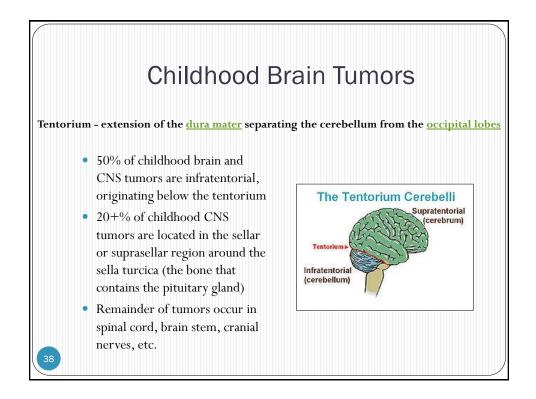


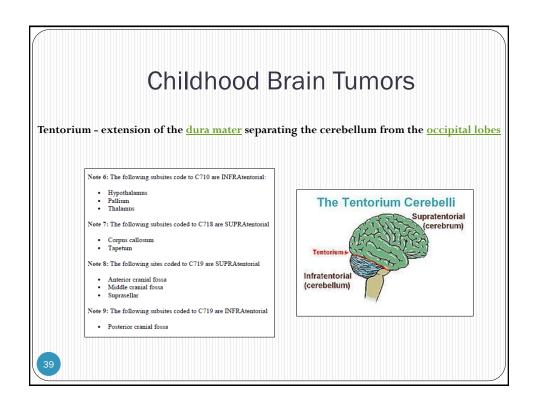




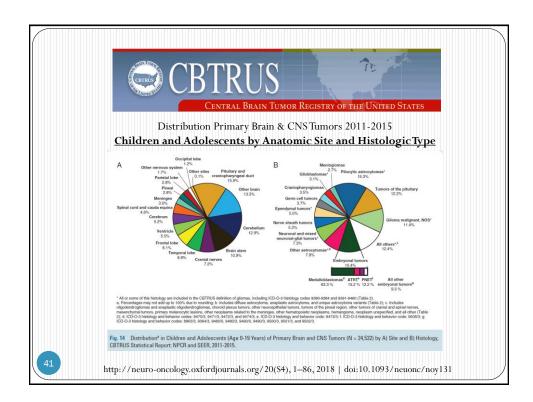


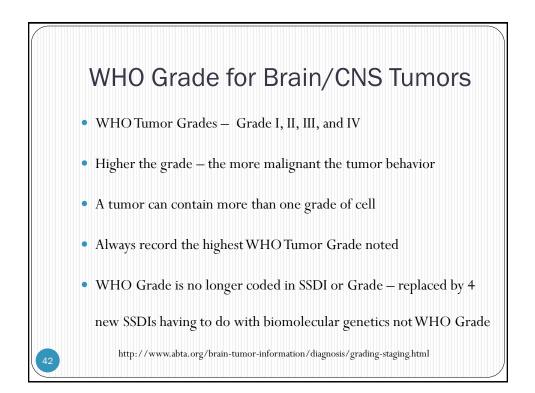


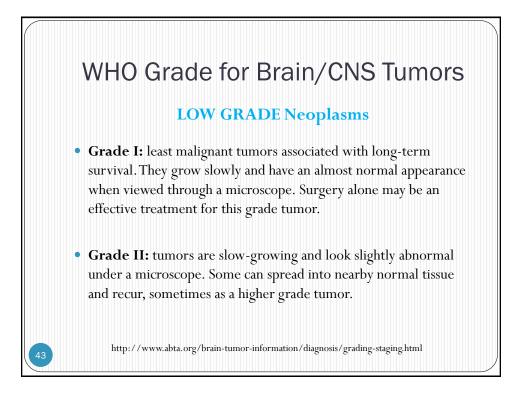


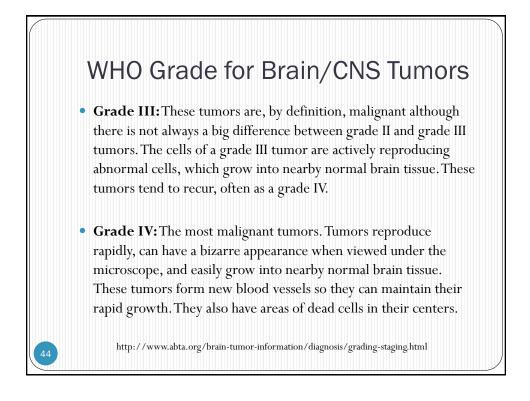


Childho	od Brain Tumors
Supratentorial - childhood	Infratentorial - childhood
Craniopharyngiomas.	• Cerebellar astrocytomas (usually high-grade).
Diencephalic and hypothalamic gliomas.	• Medulloblastomas (primitive neuroectodermal tumors).
Germ cell tumors.	• Ependymomas (low-grade or anaplastic).
Low-grade astrocytomas.	• Brain stem gliomas (high-grade or low-grade).
Anaplastic astrocytomas.	Atypical teratoid tumors
Glioblastoma multiforme.	
Mixed gliomas.	The Tentorium Cerebelli
Oligodendrogliomas.	Supratentorial
Primitive neuroectodermal tumors.	(cerebrum)
Low-grade or anaplastic ependymomas.	Tentorium
Meningiomas.	Infratentorial
Choroid plexus tumors.	(cerebellum)









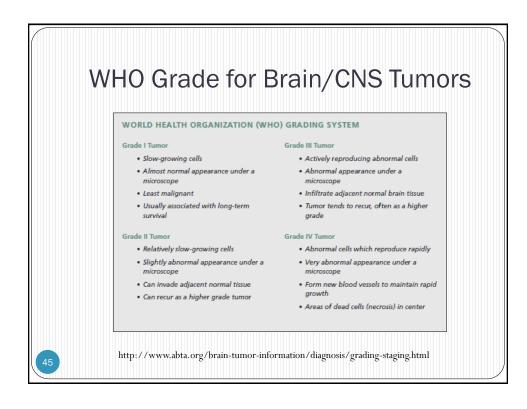
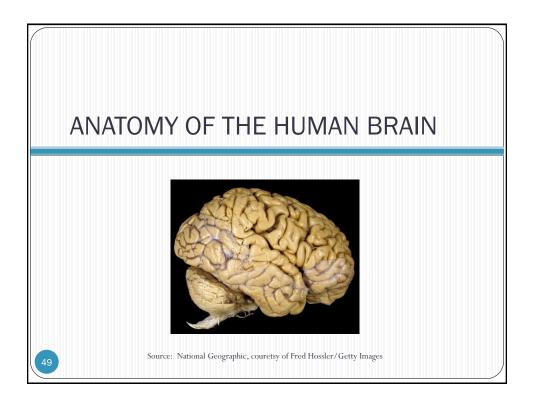
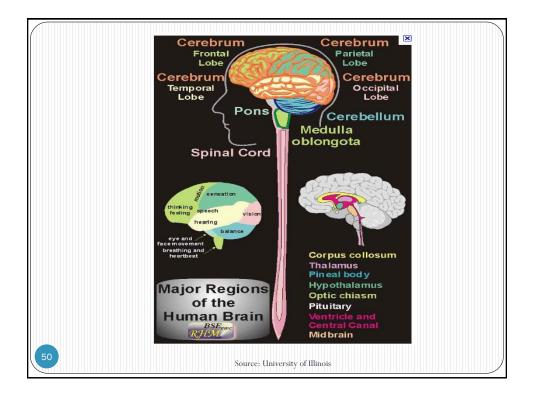


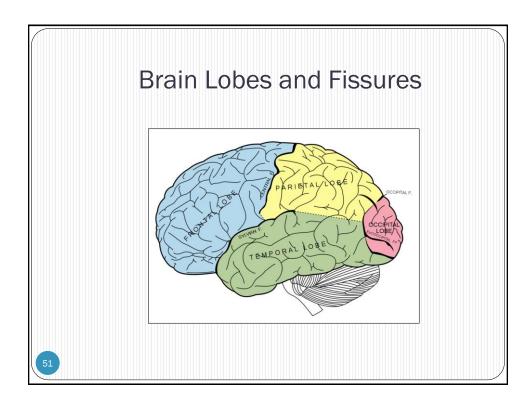
Table 1: WHO Grades of Select CNS	8 Neoplasms	
<i>Note 1:</i> See the SEER and CoC Manuals for instructions on coding grade for CN <i>Note 2:</i> The table <u>does not</u> contain all neoplasms that may occur in the CNS.	IS tumors.	
Table Instructions 1. Use non-malignant CNS rules for all WHO Grade I (always non-malignar 2. Go to the malignant CNS rules for all WHO Grade 3 and 4 3. Go to Instructions for Identifying and Assigning Behavior to determine w or malignant. Use the appropriate set of rules. Column 1 contains the histology term	whether WHO Grade 2 r	
Column 2 contains the WHO Grade assigned based on the histology and mole	cular features of that h	istology
Column 2 contains the WHO Grade assigned based on the histology and mole Histology	cular features of that h	
0 07		
Histology	WHO Gr	
Histology Anaplastic (malignant) meningioma	WHO Gra	
Histology Anaplastic (malignant) meningioma Anaplastic astrocytoma, IDH mutant	WHO Gr 3 3	
Histology Anaplastic (malignant) meningioma Anaplastic astrocytoma, IDH mutant Anaplastic ependymoma	WHO Gr 3 3 3	
Histology Anaplastic (malignant) meningioma Anaplastic astrocytoma, IDH mutant Anaplastic ependymoma Anaplastic ganglioglioma	WHO Gra 3 3 3 3 3	
Histology Anaplastic (malignant) meningioma Anaplastic astrocytoma, IDH mutant Anaplastic ependymoma Anaplastic ganglioglioma Anaplastic oligodendroglioma IDH mutant and 1p/19q-codeleted	WHO Gra 3 3 3 3 3 3 3 3 3	
Histology Anaplastic (malignant) meningioma Anaplastic astrocytoma, IDH mutant Anaplastic genedymoma Anaplastic oligodendroglioma Anaplastic oligodendroglioma IDH mutant and 1p/19q-codeleted Anaplastic pleomorphic xanthroastrocytoma	WHO Gr 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
Histology Anaplastic (malignant) meningioma Anaplastic astrocytoma, IDH mutant Anaplastic ependymoma Anaplastic eganglioglioma Anaplastic oligodendroglioma IDH mutant and 1p/19q-codeleted Anaplastic pleomorphic xanthroastrocytoma Angiocentric glioma	WHO Graph 3 3 3 3 3 3 3 1	
Histology Anaplastic (malignant) meningioma Anaplastic astrocytoma, IDH mutant Anaplastic ependymoma Anaplastic ependymoma Anaplastic oligodendroglioma IDH mutant and 1p/19q-codeleted Anaplastic pleomorphic xanthroastrocytoma Angiocentric glioma Atypical choroid plexus papilloma	WHO Gra 3 3 3 3 3 3 1 2	
Histology Anaplastic (malignant) meningioma Anaplastic astrocytoma, IDH mutant Anaplastic ependymoma Anaplastic ganglioglioma Anaplastic oligodendroglioma IDH mutant and 1p/19q-codeleted Anaplastic pleomorphic xanthroastrocytoma Angiocentric glioma Atypical choroid plexus papilloma Atypical meningioma	WHO Gr 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 1 2 2	

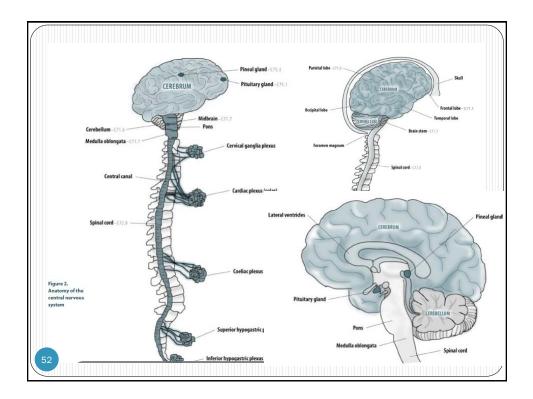
Histology	WHO Grad
Chordoid glioma of third ventricle	2
Choroid plexus carcinoma	3
Choroid plexus papilloma	1
CNS embryonal tumor NOS	4
CNS embryonal tumor with rhabdoid features	4
Craniopharyngioma	1
Desmoplastic infantile astrocytoma and ganglioglioma	1
Diffuse astrocytoma, IDH mutant	2
Diffuse midline glioma, H3K27M-mutant	4
Dysembryoplastic neuroepithelial tumor	1
Dysplastic gangliocytoma of cerebellum (D=Lhemitte-Duclos)	1
Ependymoma	2
Ependymoma, RELA fusion-positive Note: Tissue/pathology reports or CAP report will specify whether this is WHO Grade 2 or 3	2 or 3
Extraventricular neurocytoma	2
Gangliocytoma	1
Glioblastoma, IDH mutant	4
Glioblastoma, IDH wildtype	4
Granular cell tumor	1
Hemangioblastoma	1
Malignant peripheral nerve sheath tumor (MPNST) Note: Tissue/pathology reports or CAP report will specify whether this is WHO Grade 2, 3, or 4	2, 3, or 4
Medulloblastoma (including all subtypes)	4
Medulloepithelioma	4

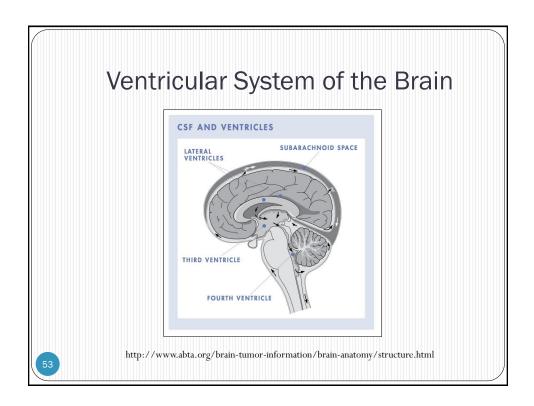
Histology	WHO Grade
Meningioma	1
Myxopapillary ependymoma	1
Neurofibroma	1
Oligodendroglioma IDH mutant and 1p/19q-codeleted	2
Papillary glioneuronal tumor	1
Papillary tumor of the pineal region	2 or 3
Note: Tissue/pathology report or CAP will specify whether it is WHO Grade 2 or 3	2015
Perineuroma	1
Pilocytic astrocytoma <i>Note:</i> ICD-O-3 lists a behavior code of /1. US and Canada collect as /3.	1
Note: 1CD-O-5 issts a behavior code of 71. US and Canada conect as 75. Pineal parenchymal tumor of intermediate differentiation Note: Tissue/pathology or CAP synoptic report will specify WHO Grade 2 or 3	2 or 3
Pineoblastoma	4
Pineocytoma	1
Pituicytoma	1
Pleomorphic xanthroastrocytoma	2
Rosette-forming glioneuronal tumor	1
Schwannoma	1
Solitary fibrous tumor/hemangiopericytoma Note: Tissue/pathology will specify WHO Grade 1, 2, or 3	1, 2, or 3
Spindle cell oncocytoma	1
Subependymal giant cell astrocytoma	1
Subependymoma	1

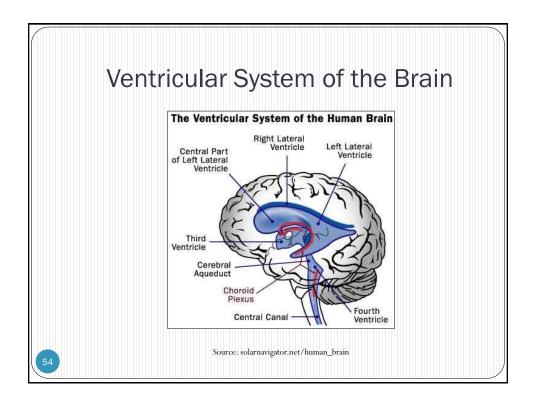


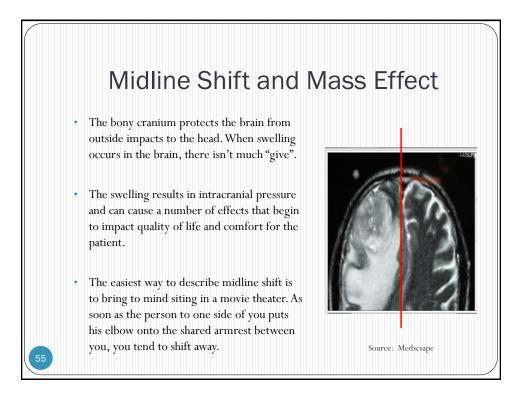


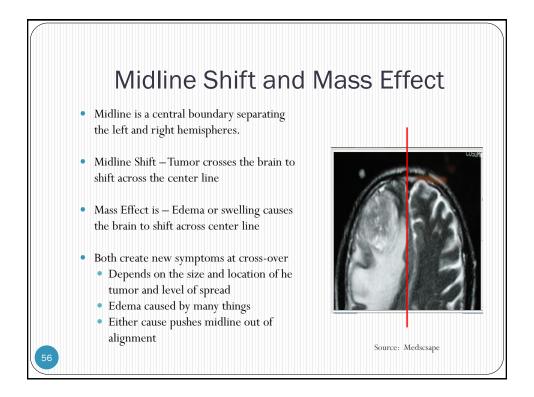


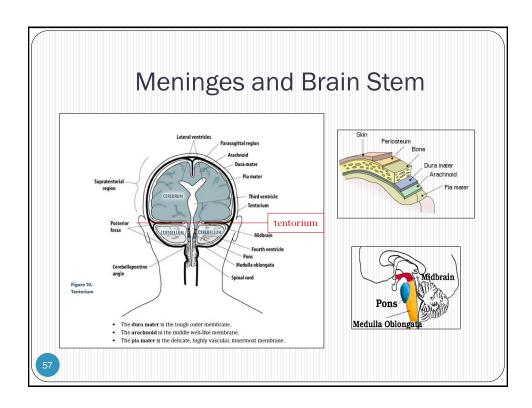


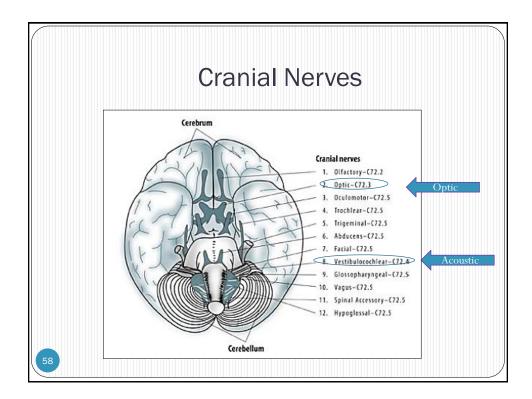




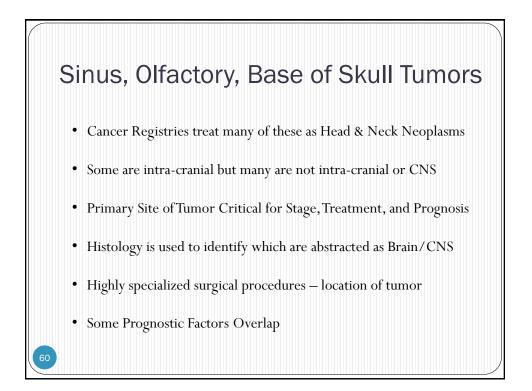


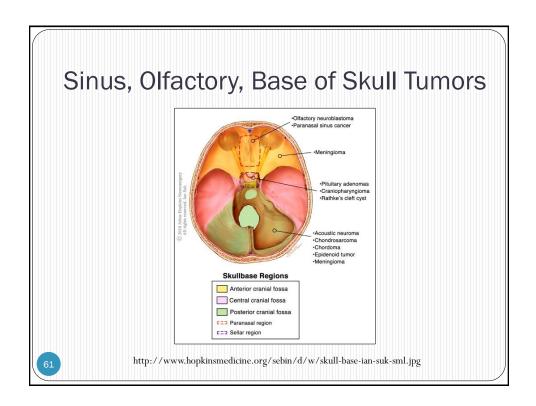


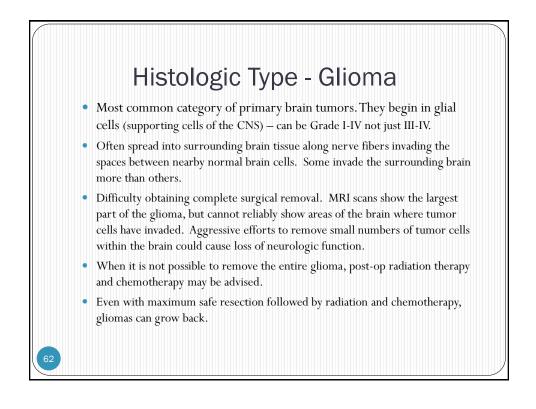


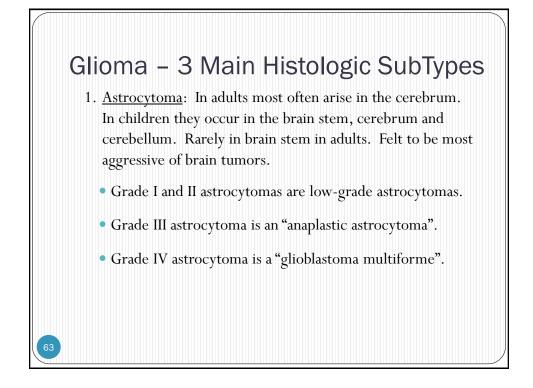


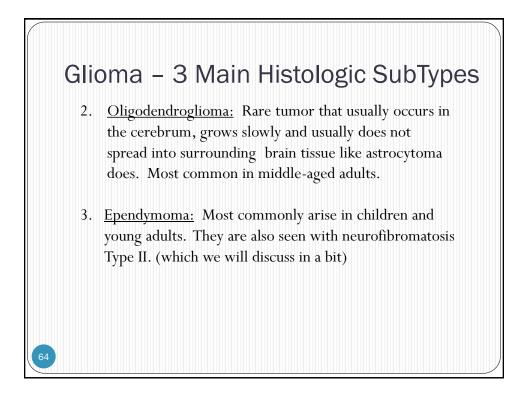
	Cra	inial Nerve Functions
Cranial Ne	erve:	Major Functions:
I Olfactory		smell
II Optic		vision
III Oculomotor		eyelid and eyeball movement
IVTrochlear		turns eye downward and laterally, controls superior oblique muscles
VTrigeminal		chewing, face & mouth touch & pain
VI Abducens		turns eye laterally
VII Facial		facial expressions, taste, tears, saliva
VIII Vestibulocoo	chlear	Also referred to as Auditory Nerve: hearing, equilibrium sensation
IX Glossopharyn	igeal	Taste, senses carotid blood pressure
X Vagus		aortic blood pressure, heart rate, stimulates digestive organs, taste
XI Spinal Access	ory	controls trapezius & sternocleidomastoid muscles, controls swallowing
XII Hypoglossal		controls tongue movements

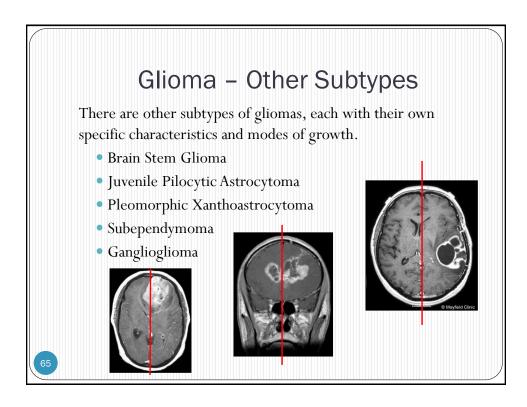




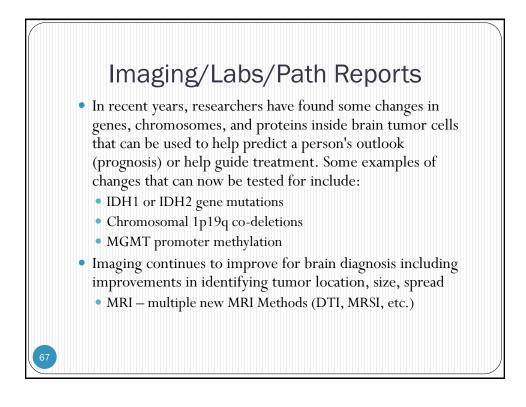


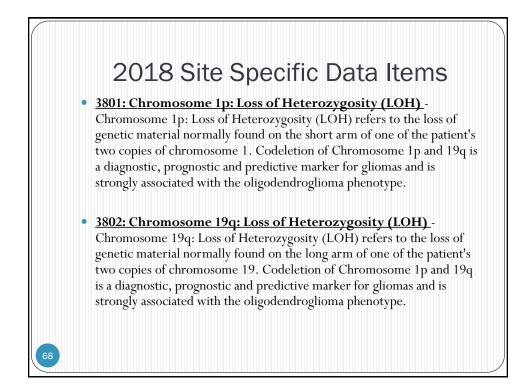


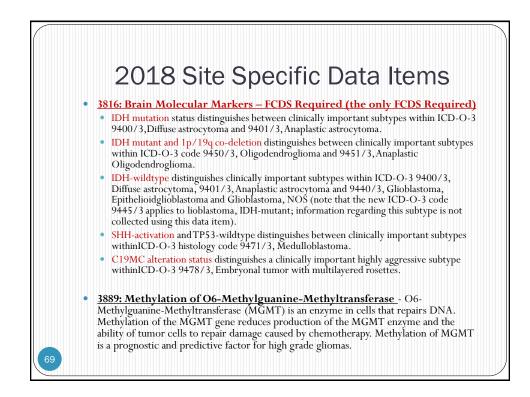


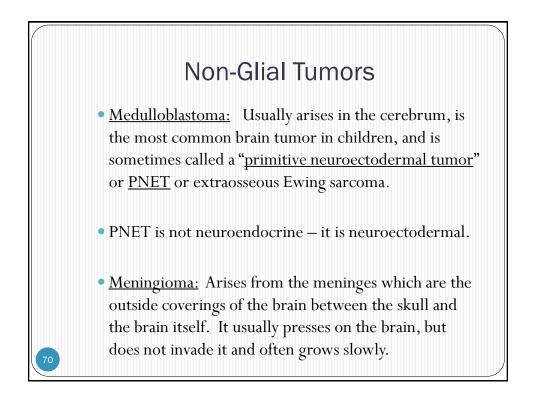


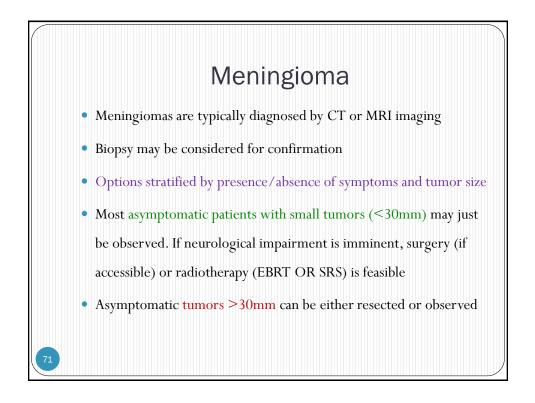
	G	lioma T	ūmor	Ma	rker	S
Table 5 Cui	Molecular	r Biomarkers in Gli	oma Analytic Validity	Level of	NCCN Category	
Biomarker	Compartment	Purpose	Demonstrated	Evidence	of Evidence	References
Markers With A	Accepted Clinical U	Jtility				
1p/19q codeletion (unbalanced translocation)	Tumor DNA	Diagnostic (oligodendroglioma)	FISH, aCGH, LOH, MPLA	IA	1	Smith et al. ⁴⁶
<i>IDH</i> mutation (<i>IDH1</i>) c. 395 G>A p.R132H (<i>IDH2</i>)	Tumor DNA, tumor protein	Positive is favorably prognostic; also a diagnostic marker	IHC, DNA sequencing	IIB		Houillier et al. ⁴⁹ Dubbink et al. ⁵¹
MGMT methylation	Tumor DNA	Prognostic, predictive (benefit for chemotherapy), pharmacodynamic (pseudorecurrence)	MS-PCR, MS- pyrosequencing, MS-MPLA	IIB		Hegi et al. ⁶¹ Gilbert et al. ²¹⁵
Markers With E	Emerging Evidence	e				
BRAF fusion (pilocytic astrocytoma)	Tumor DNA	Diagnostic (pilocytic astrocytoma)	LDI-PCR, 5' RACE, FISH	IIB		Jeuken and Wesseling. ²¹⁶ Jones et al. ⁵⁹
CIMP (CpG island methylator phenotype)	Tumor DNA	Positive is favorably prognostic	Gene expression microarray, pyrosequencing	IIB		Noushmehr et al. ⁶⁵ Gilbert et al. ²¹⁵

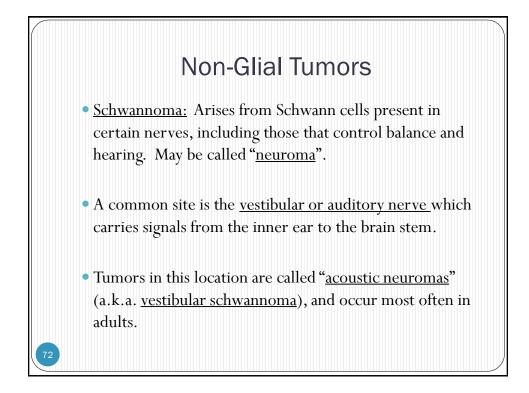


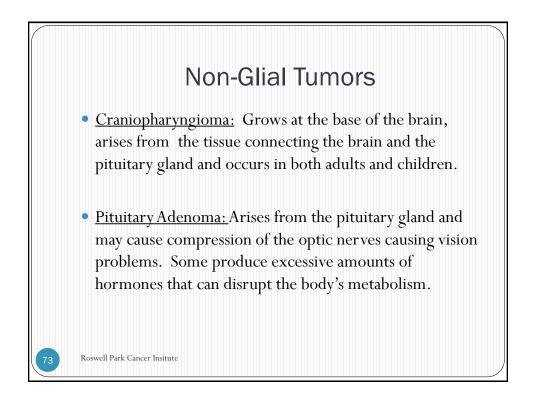


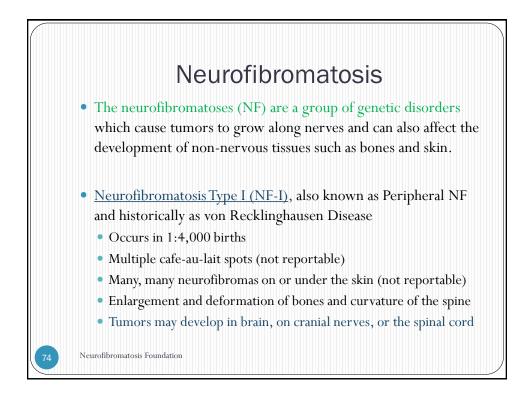


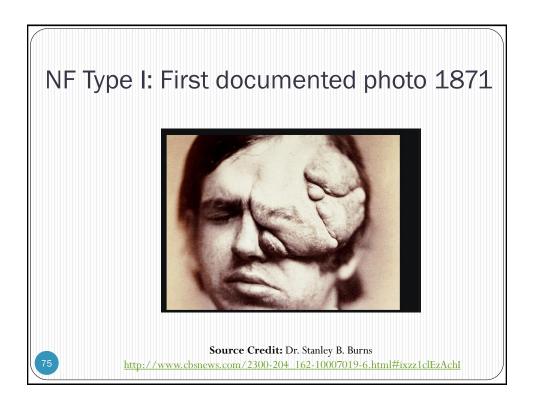


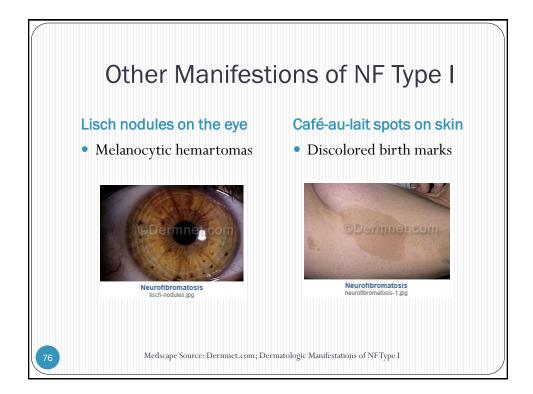


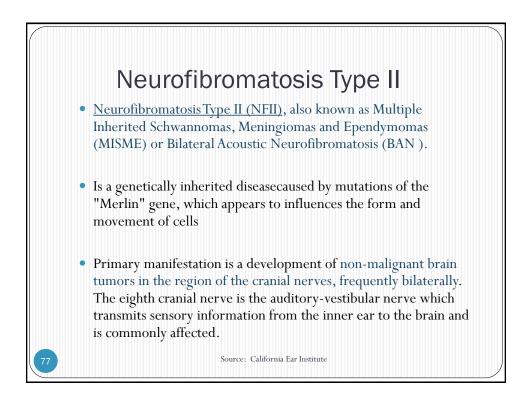


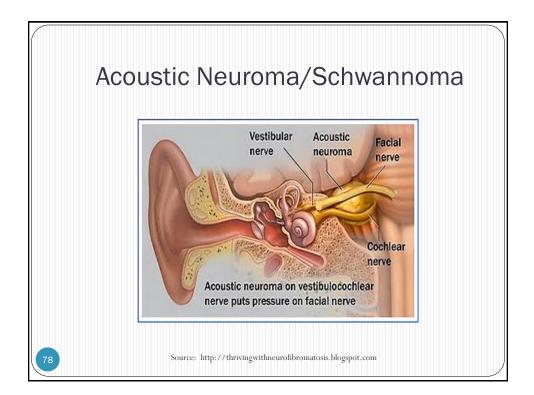




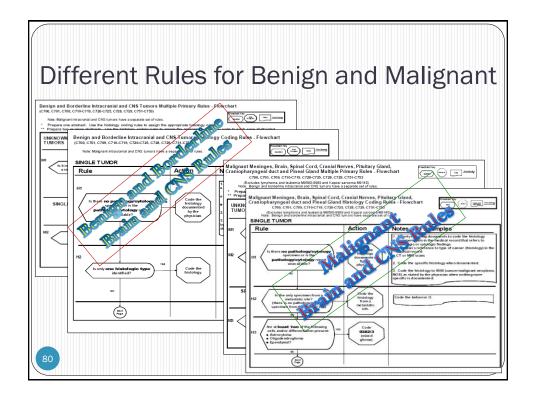


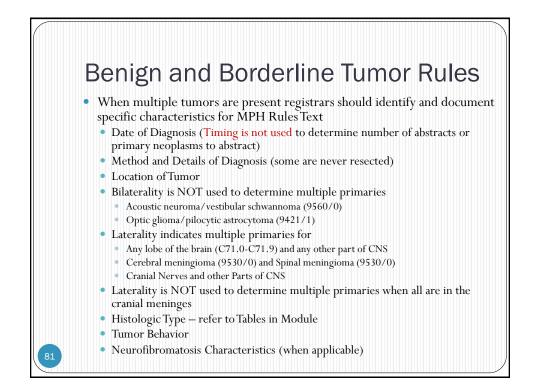






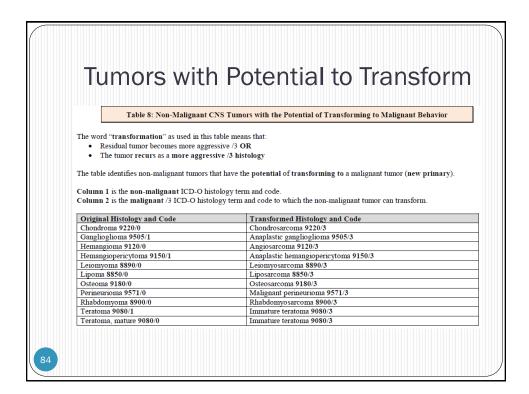


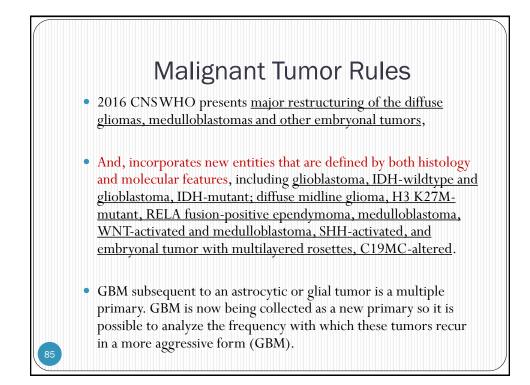


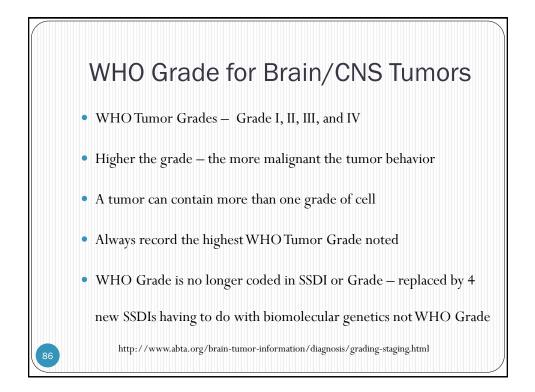


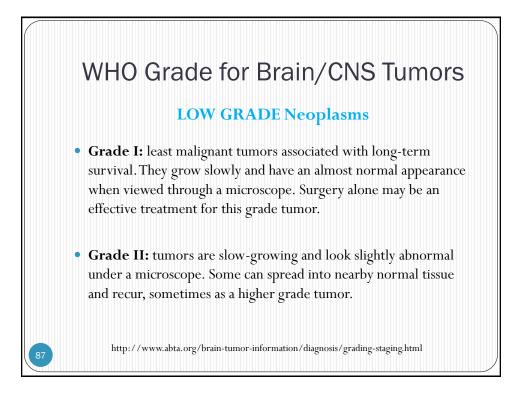
enign and E	Borderlir	ne Tumor Rule	S
Table 6:	Specific Histologies, NOS, and S	subtypes/Variants	
		the subtype/variant of that NOS when referenced in	
		the CNS	
 Specific histology terms do not have s NOS histology terms do have subtype Column 2 contains synonyms for the specific 	subtypes/variants es/variants. c or NOS term. Synonyms have the		
NOS/Specific Histology Term and Code	Synonyms	Subtypes/Variants Histology Term and Codes	
Angiocentric glioma 9431/1*	Angiocentric neuroepithelial tumor Monomorphous angiocentric glioma		
Benign fibrous histiocytoma 8830/0			
Central neurocytoma 9506/1	Cerebellar liponeurocytoma Extraventricular neurocytoma		
Chondroma 9220/0			
Chordoid glioma of the third ventricle 9444/1			
Choroid plexus papilloma 9390/0		Atypical choroid plexus papilloma 9390/1	
Craniopharyngioma 9350/1		Adenomatous craniopharyngioma 9351/1	
	Table 6: Use this table to identify reportable histolog the Multiple Primary and Histology coding ru This table includes the more common non-mu Column 1 contains specific and NOS histolo • Specific histology terms do not have • NOS histology terms do not have • NOS histology terms do not have • NOS histology terms do have subtype/variants of the term. NOS/Specific Histology Term and Code Angiocentric glioma 9431/1* Benign fibrous histicicytoma 8830/0 Central neurocytoma 9506/1 Chondroma 9220/0 Chordoid glioma of the third ventricle	Table 6: Specific Histologies, NOS, and 5 Use this table to identify reportable histologies, including specific, NOS, and the Multiple Primary and Histology coding rules. This table includes the more common non-malignant histologies which occur in Column 1 contains specific and NOS histology terms. • Specific histology terms do not have subtypes/variants • NOS histology terms do not have subtypes/variants • NOS histology terms do not have subtypes/variants Column 2 contains synonyms for the specific or NOS term. Synonyms have the Column 3 contains subtypes/variants of the NOS histology. Subtypes/variants term. NOS/Specific Histology Term and Code Synonyms Angiocentric glioma 9431/1* Angiocentric neuroepithelial tumor Monorophovs angiocentric glioma Benign fibrous histicytoma 8530/0 Central neurocytoma 9506/1 Cerebella liponeurocytoma Chondrom 9220/0 Chordoid gliom of the third ventricle	This table includes the more common non-malignant histologies which occur in the CNS. Column 1 contains specific and NOS histology terms. • Specific histology terms do have subtypes/variants. • NOS histology terms do have subtypes/variants. • Column 3 contains subtypes/variants or NOS term. Synonyms have the same histology code as the specific or NOS term. Column 3 contains subtypes/variants of the NOS histology. Subtypes/variants do not have the same histology code as the specific or NOS term. Column 3 contains subtypes/variants of the NOS histology. Subtypes/Variants do not have the same histology code as the NOS term. Column 3 contains subtypes/variants of the NOS histology. Subtypes/Variants do not have the same histology code as the NOS term. Column 3 contains subtypes/variants of the NOS histology. Subtypes/Variants do not have the same histology Term and Codes term. NOS/Specific Histology Term and Code Synonyms Subtypes/Variants Histology Term and Codes term. Moscientric glioma 9431/1* Angiocentric neurocepithelial turnor Monomorphous angiocentric glioma Extraventricular neurocytoma Benign fibrous histicocytoma 8530/0 Cerebellar liponeurocytoma Extraventricular neurocytoma Chondroma 9220/0 Chordold glioma of the third ventricle 5044/1 Herebellar third ventricle 5044/1

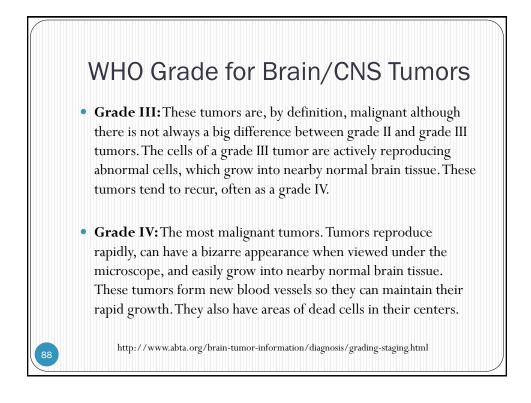
enign and i	Borderlir	ne Tumor Ru
NOS/Specific Histology Term and Code	Synonyms	Subtypes/Variants Histology Term and Code
Desmoplastic infantile astrocytoma and ganglioglioma 9412/1		
Dysembryoplastic neuroepithelial tumor 9413/0	DNT	
Gangliocytoma 9492/0		Dysplastic cerebellar gangliocytoma/Lhermitte- Duclos disease 9493/0
Ganglioglioma 9505/1		
Granular cell tumor of the sellar region 9582/0		
Hemangioblastoma 9161/1	Capillary hemangioblastoma	
Hemangioma 9120/0		
Leiomyoma 8890/0		
Lipoma 8850/0		Hibernoma 8880/0
Meningeal melanocytosis 8728/0		Meningeal melanocytoma 8728/1
Meningioma 9530/0	Lymphoplasmacyte-rich meningioma Metaplastic meningioma Microcystic meningioma Secretory meningioma	Angiomatous meningioma 9534/0 Atypical meningioma 9539/1 Clear cell/chordoid meningioma 9538/1 Fibrous meningioma 9532/0 Meningothelial meningioma 9531/0 Psammomatous meningioma 9533/0 Transitional meningioma 9537/0
Myofibroblastoma 8825/0		Inflammatory myofibroblastic tumor 8825/1
Myxopapillary ependymoma 9394/1		
Neurofibroma 9540/0	Atypical neurofibroma	Plexiform neurofibroma 9550/0
Optic glioma/pilocytic astrocytoma 9421/1		
Osteoma 9180/0		











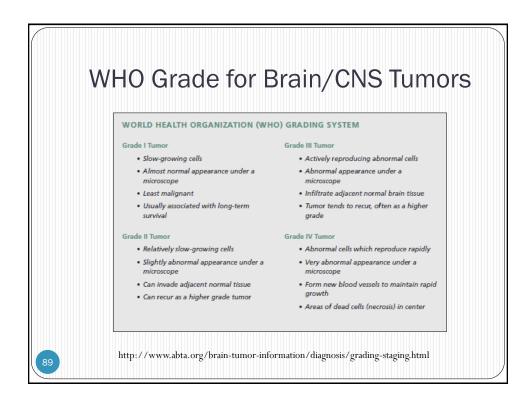


Table 1: WHO Grades of Select CNS	8 Neoplasms	
<i>Note 1:</i> See the SEER and CoC Manuals for instructions on coding grade for CN <i>Note 2:</i> The table <u>does not</u> contain all neoplasms that may occur in the CNS.	IS tumors.	
Table Instructions 1. Use non-malignant CNS rules for all WHO Grade I (always non-malignan 2. Go to the malignant CNS rules for all WHO Grade 3 and 4 3. Go to Instructions for Identifying and Assigning Behavior to determine w or malignant. Use the appropriate set of rules. Column 1 contains the histology term		
Column 2 contains the WHO Grade assigned based on the histology and mole	cular features of that his	tology
	cular features of that his	
Column 2 contains the WHO $\widetilde{\mathbf{G}}$ rade assigned based on the histology and mole		
Column 2 contains the WHO Grade assigned based on the histology and mole Histology	WHO Grad	
Column 2 contains the WHO Grade assigned based on the histology and mole Histology Anaplastic (malignant) meningioma	WHO Grad	
Column 2 contains the WHO Grade assigned based on the histology and mole <u>Histology</u> <u>Anaplastic (malignant) meningioma</u> <u>Anaplastic astrocytoma, IDH mutant</u>	WHO Grad	
Column 2 contains the WHO Grade assigned based on the histology and mole Histology Anaplastic (malignant) meningioma Anaplastic astrocytoma, IDH mutant Anaplastic ependymoma	WHO Grad 3 3 3	
Column 2 contains the WHO Grade assigned based on the histology and mole Histology Anaplastic (malignant) meningioma Anaplastic astrocytoma, IDH mutant Anaplastic ependymoma Anaplastic ganglioglioma	WHO Grad 3 3 3 3 3	
Column 2 contains the WHO Grade assigned based on the histology and mole Histology Anaplastic (malignant) meningioma Anaplastic astrocytoma, IDH mutant Anaplastic ependymoma Anaplastic ganglioglioma Anaplastic oligodendroglioma IDH mutant and 1p/19q-codeleted	WHO Grad 3 3 3 3 3 3 3 3 3	
Column 2 contains the WHO Grade assigned based on the histology and mole Histology Anaplastic (malignant) meningioma Anaplastic astrocytoma, IDH mutant Anaplastic ependymoma Anaplastic ganglioglioma Anaplastic oligodendroglioma IDH mutant and 1p/19q-codeleted Anaplastic pleomorphic xanthroastrocytoma	WHO Grad 3 3 3 3 3 3 3 3 3 3 3	
Column 2 contains the WHO Grade assigned based on the histology and mole Histology Anaplastic (malignant) meningioma Anaplastic astrocytoma, IDH mutant Anaplastic ependymoma Anaplastic ganglioglioma Anaplastic oligodendroglioma IDH mutant and 1p/19q-codeleted Anaplastic pleomorphic xanthroastrocytoma Angiocentric glioma	WHO Grad 3 3 3 3 3 3 3 3 3 3 1	
Column 2 contains the WHO Grade assigned based on the histology and mole Histology Anaplastic (malignant) meningioma Anaplastic astrocytoma, IDH mutant Anaplastic ependymoma Anaplastic ganglioglioma Anaplastic oligodendroglioma IDH mutant and 1p/19q-codeleted Anaplastic pleomorphic xanthroastrocytoma Angiocentric glioma Atypical choroid plexus papilloma	WHO Grad 3 3 3 3 3 3 3 1 2	
Column 2 contains the WHO Grade assigned based on the histology and mole Histology Anaplastic (malignant) meningioma Anaplastic astrocytoma, IDH mutant Anaplastic ependymoma Anaplastic ganglioglioma Anaplastic oligodendroglioma IDH mutant and 1p/19q-codeleted Anaplastic pleomorphic xanthroastrocytoma Angiocentric glioma Atypical choroid plexus papilloma Atypical meningioma	WHO Grad 3 3 3 3 3 3 3 3 2 2	

Histology	WHO Grad
Chordoid glioma of third ventricle	2
Choroid plexus carcinoma	3
Choroid plexus papilloma	1
CNS embryonal tumor NOS	4
CNS embryonal tumor with rhabdoid features	4
Craniopharyngioma	1
Desmoplastic infantile astrocytoma and ganglioglioma	1
Diffuse astrocytoma, IDH mutant	2
Diffuse midline glioma, H3K27M-mutant	4
Dysembryoplastic neuroepithelial tumor	1
Dysplastic gangliocytoma of cerebellum (D=Lhemitte-Duclos)	1
Ependymoma	2
Ependymoma, RELA fusion-positive Note: Tissue/pathology reports or CAP report will specify whether this is WHO Grade 2 or 3	2 or 3
Extraventricular neurocytoma	2
Gangliocytoma	1
Glioblastoma, IDH mutant	4
Glioblastoma, IDH wildtype	4
Granular cell tumor	1
Hemangioblastoma	1
Malignant peripheral nerve sheath tumor (MPNST) Note: Tissue/pathology reports or CAP report will specify whether this is WHO Grade 2, 3, or 4	2, 3, or 4
Medulloblastoma (including all subtypes)	4
Medulloepithelioma	4

Histology	WHO Grade
Meningioma	1
Myxopapillary ependymoma	1
Neurofibroma	1
Oligodendroglioma IDH mutant and 1p/19q-codeleted	2
Papillary glioneuronal tumor	1
Papillary tumor of the pineal region	2 or 3
Note: Tissue/pathology report or CAP will specify whether it is WHO Grade 2 or 3	2015
Perineuroma	1
Pilocytic astrocytoma <i>Note:</i> ICD-O-3 lists a behavior code of /1. US and Canada collect as /3.	1
Pineal parenchymal tumor of intermediate differentiation Note: Tissue/pathology or CAP synoptic report will specify WHO Grade 2 or 3	2 or 3
Pineoblastoma	4
Pineocytoma	1
Pituicytoma	1
Pleomorphic xanthroastrocytoma	2
Rosette-forming glioneuronal tumor	1
Schwannoma	1
Solitary fibrous tumor/hemangiopericytoma Note: Tissue/pathology will specify WHO Grade 1, 2, or 3	1, 2, or 3
Spindle cell oncocytoma	1
Subependymal giant cell astrocytoma	1
Subependymoma	1

Mali	gnant Tumor	Rules
Specific and NOS Histology Codes	Synonyms	Subtypes/Variants
Anaplastic ganglioglioma 9505	Synonyms	Subtypes/variants
Astroblastoma 9430		
Astrocytoma NOS 9400	Diffuse astrocytoma IDH-mutant Diffuse astrocytoma IDH-wildtype Diffuse astrocytoma NOS	Anaplastic astrocytoma IDH- mutant/wildtype; anaplastic astrocytor NOS 9401 Gemistocytic astrocytoma IDH-mutar 9411 Pleomorphic xanthroastrocytoma /anaplastic pleomorphic xanthroastrocytoma 9424
Choriocarcinoma 9100		
Choroid plexus carcinoma 9390		
CNS embryonal tumor with rhabdoid features 9508	Atypical teratoid/rhabdoid tumor Embryonal tumor with rhabdoid features	
CNS ganglioneuroblastoma 9490		CNS embryonal tumor 9473
CNS neuroblastoma 9500		
Diffuse midline glioma H3 K27M mutant 9385*		
Embryonal carcinoma 9070		Yolk sac tumor 9071
Embryonal tumor with multilayered rosettes C19MC-altered 9478*	Embryonal tumor with multilayered rosettes, NOS ETMR	
Ependymoma 9391	Clear cell ependymoma Tanycytic ependymoma	Anaplastic ependymoma 9392 Ependymoma, RELA fusion-positive 9396* Papillary ependymoma 9393
Epithelioid hemangioendothelioma		

Malignant Tumor Rules		
Specific and NOS Histology Codes	Synonyms	Subtypes/Variants
Oligodendroglioma NOS 9450	Oligodendroglioma 1p/19q-codeleted	Anaplastic oligodendroglioma NOS 945
<i>Note:</i> Oligodendroglioma NOS is used when molecular markers cannot fully be determined	Oligodendroglioma IDH-mutant Oligodendroglioma IDH-mutant and 1p/19q- codeleted	IDH-mutant 1p/19q-codeleted IDH-mutant and 1p/19q-codeleted
Peripheral primitive neuroectodermal tumor 9364	Ewing sarcoma PpNET	
Pilocytic astrocytoma 9421	1 prior	Pilomyxoid astrocytoma 9425
<i>Note:</i> ICD-O-3 lists a behavior code of /1. It is collected as /3 in North America.		
Pineal parenchymal tumor of intermediate differentiation 9362	Pineoblastoma	Papillary tumor of the pineal region 939
Sarcoma NOS 8800 Note 1: Chondrosarcoma 9220 has the following subtype/variant: Mesenchymal chondrosarcoma 9240 Note 2: Leiomyosarcoma 8890 has the following subtypes/variants: Epithelioid leiomyosarcoma 8891 Myxoid leiomyosarcoma 8896		Angiosarcoma 9120 Chondrosarcoma 9220 Mesenchymal chondrosarcoma 9240 Leiomyosarcoma/inflammatory leiomyosarcoma/inflammatory leiomyosarcoma 8890 Epithelioid leiomyosarcoma 8891 Myxoid leiomyosarcoma 8896 Osteosarcoma 9180 Undifferentiated pleomorphic sarcoma/malignant fibrous histiocytom 8802
Solitary fibrous tumor grade 3 8815	Hemangiopericytoma grade 3 Solitary fibrous tumor/Hemangiopericytoma grade 3 (CNS)	0002

