

New Histopathological Diagnostic Terms and their Codes of the Central Nervous System (CNS) in the International Classification of Diseases for Oncology (ICD-O 3.1) and about the Turkish Version of ICD-O



Figure 1: ICD-O 2 Turkish version cover page, zmir, 1992



Figure 2 ICD-O 3 Turkish version cover page, zmir 2002

8272/3	Pituitary carcinoma, NOS (C75.1)
8728/0	Diffuse melanocytosis (C70.9)
8728/1	Meningeal melanocytoma (C70.9)
8728/3	Meningeal melanomatosis (C70.9)
9351/1	Craniopharyngioma, adamantinomatous (C75.2)
9352/1	Craniopharyngioma, papillary (C75.2)
9365/3	Askin tumor
9371/3	Chondroid chordoma
9372/3	Dedifferentiated chordoma
9373/0	Parachordoma
9412/1	Desmoplastic infantile astrocytoma Desmoplastic infantile ganglioglioma
9413/0	Dysembryoplastic neuroepithelial tumor
9444/1	Chordoid glioma (C71._) Chordoid glioma of third ventricle (C71.5)
9474/3	Large cell medulloblastoma (C71.6)
9493/0	Dysplastic gangliocytoma of cerebellum (Lhermitte-Duclos) (C71.6)
9508/3	Atypical teratoid/rhabdoid tumor (C71._)
9571/0	Perineurioma Intraneurial perineurioma Soft tissue perineurioma
9571/3	Perineurioma, malignant Perineural MPNST
9582/0	Granular cell tumor of the sellar region (C75.1)

	Clear cell ependymoma (C71._) Tanycytic ependymoma (C71._)
9400/3	Diffuse astrocytoma (C71._) Astrocytoma, low grade (C71._) Diffuse astrocytoma, low grade (C71._)
9423/3	Polar spongioblastoma (C71._)
9442/1	Gliofibroma (C71._)
9470/3	Melanotic medulloblastoma (C71.6)
9471/3	Desmoplastic nodular medulloblastoma (C71.6)
9473/3	PNET, NOS Central primitive neuroectodermal tumor, NOS (C71._), CPNET (C71._) Supratentorial PNET (C71._)
9500/3	Central neuroblastoma (C71._)
9501/0	Diktyoma, benign (C69._)
9501/3	Diktyoma, malignant (C69._)
9502/0	Teratoid medulloepithelioma, benign (C69.4)
9505/3	Ganglioglioma, anaplastic
9506/1	Central neurocytoma Cerebellar liponeurocytoma Lipomatous medulloblastoma (C71.6) Neurolipocytoma (C71.6) Medullocytoma (C71.6)
9530/3	Meningioma, anaplastic
9538/1	Clear cell meningioma Chordoid meningioma
9538/3	Rhabdoid meningioma
9539/1	Atypical meningioma
9540/3	Malignant peripheral nerve sheath tumor MPNST, NOS MPNST with glandular differentiation Epithelioid MPNST MPNST with mesenchymal differentiation Melanotic MPNST Melanotic psammomatous MPNST
9560/0	Melanotic schwannoma Plexiform schwannoma Cellular schwannoma Degenerated schwannoma Ancient schwannoma Psammomatous schwannoma
9561/3	Malignant peripheral nerve sheath tumor with rhabdomyoblastic differentiation MPNST with rhabdomyoblastic differentiation
9560/0	Melanotic schwannoma

Plexiform schwannoma
Cellular schwannoma
Degenerated schwannoma
Ancient schwannoma
Psammomatous schwannoma

9561/3

Malignant peripheral nerve sheath tumor with rhabdomyoblastic differentiation
MPNST with rhabdomyoblastic differentiation

9422/3	Spongioblastoma, NOS (C71.) [obs] Terms Changing from Benign to Borderline	9421/1
9506/0	Neurocytoma	9506/1

Table 6 New codes, preferred terms, related terms, and synonyms in ICD-O, third edition,

7. Eser S, Zorlu F, Divtik RT, Çal C, Özkan M, et al. (2009) Incidence and epidemiological features of cancers of the genitourinary tract in Izmir between 1993-2002. *Asian Pacif cJ Cancer Prev* 10: 491-496
8. WHO (1990) International Statistical Classification of Diseases and Related Health Problems 10th Revision, Geneva. International Classification of Diseases for Oncology (SecondEdition) Percy C, Van Holten V, Muir C (Eds.), Geneva.
9. WHO (2000) International Classification of Diseases for Oncology (T irdEdition), 10th Revision, Geneva. International Classification of Diseases for Oncology (SecondEdition) Fritz A, Percy C, Jack A, Shanmugaratnam K, Sobin L, Parkin DM, Whelan S (Eds.), Geneva
10. WHO (2013) International Classification of Diseases for Oncology (T irdEdition), First Revision Fritz A, Percy C, Jack A, Shanmugaratnam K, Sobin L, Parkin DM, Whelan S (Eds.), Geneva
11. WHO (2016) Classification of Tumours of the Central Nervous System (4thEdition) Louis DN, Ohgaki H, Wiestler OD, Cavenee WK (Eds.), Geneva
12. WHO (2008) WHO Classification of Tumours of Haematopoietic and Lymphoid Tissue. WHO/IARC Classification of Tumours, Vol 2 (4thEdition). Swerdlow S, Campo E, Harris NL, Jaffe ES, Pileri SA, et al. (Eds.). Geneva
13. WHO (2010) WHO Classification of Tumours of the Digestive System (WHO/IARC Classification of Tumours, Vol 3) (4thEdition) Bosman FT, Carneiro F, Hruban RH, T eise ND (Eds.), Geneva
14. WHO (2012) Lakhani SR, Ellis IO, Schnitt SJ Tan PH, van de Vijver MJ (Eds.). WHO Classification of Tumours of the Breast (WHO/IARC Classification of Tumours, Vol 4) 4th Edition, WHO, 2012
15. WHO (2016) WHO Classification of Tumours of the Urinary System and Male Genital Organs (WHO/IARC Classification of Tumours, Vol 8), (4thEdition) Moch H, Humphrey PA, Ulbright TM, Reuter VE (Eds.), Geneva
16. Otani R, Uzuka T, Ueki K (2017) Classification of adult diffuse gliomas by molecular markers-a short review with historical footnote. *Jpn J Clin Oncol* 47: 2-6
17. Appin CL, Brat DJ (2015) Biomarker-driven diagnosis of diffuse gliomas. *Aspects Med* 45: 87-96
18. Siegal T (2016) Clinical Relevance of Prognostic and Predictive Molecular Markers in Gliomas. *Adv Tech Stand Neurosurg*: 91-108
19. Zhu A, Lee D, Shim H (2011) Metabolic positron emission tomography imaging in cancer detection and therapy response. *Semin Oncol* 38: 55-69
20. Mabray MC, Barajas RF, Cha S (2015) Modern Brain Tumor Imaging. *Brain Tumor Res Treat* 3: 8-23
21. Carney B, Carlucci G, Salinas B, Di Gialleonardo V, Kossatz S, et al. (2016) Non-invasive PET Imaging of PARP1 Expression in Glioblastoma Models. *Mol Imaging Biol* 18: 386-92
22. WHO (2014) Cancer Incidence in Five Continents, Vol X, IARC Scientific Publication No. 164 Forman D, Bray F, Brewster DH, Mbalawa CG, Kohler B, et al. (Eds.)
23. Özkan S, Özkan S (2014) The document that started the use of ICD-O in Turkey. Minister of the Health of Turkey.
24. Ülgü M (2014) The document that started the use of ICD-O in Turkey. Minister of the Health of Turkey.