

# 癌症登記工作小組通知

**急件**

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主 題： 為因應癌症登記實務作業之需求，自 99 年 1 月 1 日起  
新診斷個案，請依說明段辦理，請 查照。

急件       請檢閱       請加註       請回覆       請回收

一、 本案係依行政院衛生署國民健康局委託「台灣癌症登記工作計畫」辦理。

二、 自 99 年 1 月 1 日起之新診斷神經系統腫瘤個案，其癌症登記申報請依下述規定辦理：

(一) 神經系統腫瘤個案則請依 WHO (2007) 新增修之神經系統腫瘤組織形態記載個案被診斷之 Histology (5 碼) 及 WHO Name。

(二) 新增修之神經系統腫瘤組織形態編碼及 WHO Name (2007 版)，請參考附件。

三、 自 99 年 1 月 1 日起之新診斷血液腫瘤個案，再次提醒病歷記載及其癌症登記申報請依下述規定辦理：

(一) 血液腫瘤個案則請依 WHO (2008) 新增修之血液腫瘤組織形態記載個案被診斷之 Histology(5 碼)及 WHO Name。

(二) 新增修之血液腫瘤組織形態編碼 (範圍包含 M-code 9590/3-9992/3) 及 WHO Name (2008 版)，請各醫院至中華民國血液病學會網站 (<http://www.hematology.org.tw/web2/index.php?act=post&id=129>) 查詢及下載。

癌症登記  
工作小組

## 【附件】

### 2007 年 WHO 神經系統腫瘤分類第 4 版

#### 2007 WHO Classification of Tumors of the Central Nervous System

世界衛生組織 (WHO) 於 2007 年出版第 4 版的神經系統腫瘤分類，詳述了新的分類與編碼。其中，第 4 版多了八種新分類 (new entities) 與三種新分型 (new variants)。故為落實癌症登錄的正確性與完整性，請各醫院依據新增「神經系統腫瘤分類」編碼，並自民國 99 年起新診斷之個案開始適用 (癌登自 100 年開始申報)。

新增編碼與名稱如下：

ICD-O-3 Code	WHO 2007 Code	英文名稱	申報至 癌登小組
<b>New Entities</b>			
9390/1	9390/1	Atypical choroid plexus papilloma	-
-	9395/3	Papillary tumor of the pineal region	需申報
-	9431/1	Angiocentric glioma	-
-	9432/1	Pituicytoma	-
9506/1	9506/1	Extraventricular neurocytoma	-
-	9509/1	Papillary glioneuronal tumor (PGNT)	-
-	9509/1	Rosette-forming glioneuronal tumor of the fourth ventricle	-
-	8291/0	Spindle cell oncocytoma of the adenohypophysis	-
<b>New Variants</b>			
-	9425/3	Pilomyxoid astrocytoma	需申報
9471/3	9471/3	Anaplastic medulloblastoma	需申報
9474/3	9474/3	Medulloblastoma with extensive nodularity	需申報

下頁附錄：2007 年 WHO 第 4 版的神經系統腫瘤分類表 (IARC, Lyon)

**Table 1** The 2007 WHO Classification of Tumours of the Central Nervous System. Reprinted from Ref. 35**TUMOURS OF NEUROEPITHELIAL TISSUE****Astrocytic tumours**

Pilocytic astrocytoma	9421/1 <sup>1</sup>
<b>Piloxyoid astrocytoma</b>	<b>9425/3*</b>
Subependymal giant cell astrocytoma	9384/1
Pleomorphic xanthoastrocytoma	9424/3
Diffuse astrocytoma	9400/3
Fibrillary astrocytoma	9420/3
Gemistocytic astrocytoma	9411/3
Protoplasmic astrocytoma	9410/3
Anaplastic astrocytoma	9401/3
Glioblastoma	9440/3
Giant cell glioblastoma	9441/3
Gliosarcoma	9442/3
Gliomatosis cerebri	9381/3

**Oligodendroglial tumours**

Oligodendroglioma	9450/3
Anaplastic oligodendroglioma	9451/3

**Oligoastrocytic tumours**

Oligoastrocytoma	9382/3
Anaplastic oligoastrocytoma	9382/3

**Ependymal tumours**

Subependymoma	9383/1
Myxopapillary ependymoma	9394/1
Ependymoma	9391/3
Cellular	9391/3
Papillary	9393/3
Clear cell	9391/3
Tanycytic	9391/3
Anaplastic ependymoma	9392/3

**Choroid plexus tumours**

Choroid plexus papilloma	9390/0
Atypical choroid plexus papilloma	<i>9390/1*</i>
Choroid plexus carcinoma	9390/3

**Other neuroepithelial tumours**

Astroblastoma	9430/3
Chordoid glioma of the third ventricle	9444/1
Angiocentric glioma	<i>9431/1*</i>

**Neuronal and mixed neuronal-glial tumours**

Dysplastic gangliocytoma of cerebellum (Lhermitte-Duclos)	9493/0
Desmoplastic infantile astrocytoma/ ganglioglioma	9412/1
Dysembryoplastic neuroepithelial tumour	9413/0
Gangliocytoma	9492/0
Ganglioglioma	9505/1
Anaplastic ganglioglioma	9505/3
Central neurocytoma	9506/1
Extraventricular neurocytoma	<i>9506/1*</i>
Cerebellar liponeurocytoma	<i>9506/1*</i>
Papillary glioneuronal tumour	<i>9509/1*</i>
Rosette-forming glioneuronal tumour of the fourth ventricle	<i>9509/1*</i>
Paraganglioma	8680/1

**Tumours of the pineal region**

Pineocytoma	9361/1
Pineal parenchymal tumour of intermediate differentiation	9362/3
Pineoblastoma	9362/3
<b>Papillary tumour of the pineal region</b>	<b>9395/3*</b>

**Embryonal tumours**

Medulloblastoma	9470/3
Desmoplastic/nodular medulloblastoma	9471/3
<b>Medulloblastoma with extensive nodularity</b>	<b>9471/3*</b>
<b>Anaplastic medulloblastoma</b>	<b>9474/3*</b>
Large cell medulloblastoma	9474/3
CNS primitive neuroectodermal tumour	9473/3
CNS Neuroblastoma	9500/3
CNS Ganglioneuroblastoma	9490/3
Medulloepithelioma	9501/3
Ependymoblastoma	9392/3
Atypical teratoid / rhabdoid tumour	9508/3

**TUMOURS OF CRANIAL AND PARASPINAL NERVES**

Schwannoma (neurilemoma, neurinoma)	9560/0
Cellular	9560/0
Plexiform	9560/0
Melanotic	9560/0
Neurofibroma	9540/0
Plexiform	9550/0

<sup>1</sup> Morphology code of the International Classification of Diseases for Oncology (ICD-O) (614A) and the Systematized Nomenclature of Medicine (<http://snomed.org>). Behaviour is coded /0 for benign tumours, /3 for malignant tumours and /1 for borderline or uncertain behaviour.

\* The italicised numbers are provisional codes proposed for the 4th edition of ICD-O. While they are expected to be incorporated into the next ICD-O edition, they currently remain subject to change.

**Table 1** continued

Perineurioma	
Perineurioma, NOS	9571/0
Malignant perineurioma	9571/3
Malignant peripheral nerve sheath tumour (MPNST)	
Epithelioid MPNST	9540/3
MPNST with mesenchymal differentiation	9540/3
Melanotic MPNST	9540/3
MPNST with glandular differentiation	9540/3

## TUMOURS OF THE MENINGES

### Tumours of meningotheial cells

Meningioma	9530/0
Meningothelial	9531/0
Fibrous (fibroblastic)	9532/0
Transitional (mixed)	9537/0
Psammomatous	9533/0
Angiomatous	9534/0
Microcystic	9530/0
Secretory	9530/0
Lymphoplasmacyte-rich	9530/0
Metaplastic	9530/0
Chordoid	9538/1
Clear cell	9538/1
Atypical	9539/1
Papillary	9538/3
Rhabdoid	9538/3
Anaplastic (malignant)	9530/3

### Mesenchymal tumours

Lipoma	8850/0
Angiolipoma	8861/0
Hibernoma	8880/0
Liposarcoma	8850/3
Solitary fibrous tumour	8815/0
Fibrosarcoma	8810/3
Malignant fibrous histiocytoma	8830/3
Leiomyoma	8890/0
Leiomyosarcoma	8890/3
Rhabdomyoma	8900/0
Rhabdomyosarcoma	8900/3
Chondroma	9220/0
Chondrosarcoma	9220/3
Osteoma	9180/0
Osteosarcoma	9180/3
Osteochondroma	9210/0
Haemangioma	9120/0
Epithelioid haemangioendothelioma	9133/1

Haemangiopericytoma	9150/1
Anaplastic haemangiopericytoma	9150/3
Angiosarcoma	9120/3
Kaposi sarcoma	9140/3
Ewing sarcoma - PNET	9364/3

### Primary melanocytic lesions

Diffuse melanocytosis	8728/0
Melanocytoma	8728/1
Malignant melanoma	8720/3
Meningeal melanomatosis	8728/3

### Other neoplasms related to the meninges

Haemangioblastoma	9161/1
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## LYMPHOMAS AND HAEMATOPOIETIC NEOPLASMS

Malignant lymphomas	9590/3
Plasmacytoma	9731/3
Granulocytic sarcoma	9930/3

## GERM CELL TUMOURS

Germinoma	9064/3
Embryonal carcinoma	9070/3
Yolk sac tumour	9071/3
Choriocarcinoma	9100/3
Teratoma	9080/1
Mature	9080/0
Immature	9080/3
Teratoma with malignant transformation	9084/3
Mixed germ cell tumour	9085/3

## TUMOURS OF THE SELLAR REGION

Craniopharyngioma	9350/1
Adamantinomatous	9351/1
Papillary	9352/1
Granular cell tumour	9582/0
Pituicytoma	9432/1*
Spindle cell oncocyoma of the adenohypophysis	8291/0*

## METASTATIC TUMOURS

**Table 2** WHO Grading of Tumours of the Central Nervous System. Reprinted from Ref. 35

	I	II	III	IV
<b>Astrocytic tumours</b>				
Subependymal giant cell astrocytoma	•			
Pilocytic astrocytoma	•			
Pilomyxoid astrocytoma		•		
Diffuse astrocytoma		•		
Pleomorphic xanthoastrocytoma		•		
Anaplastic astrocytoma			•	
Glioblastoma				•
Giant cell glioblastoma				•
Gliosarcoma				•
<b>Oligodendroglial tumours</b>				
Oligodendroglioma		•		
Anaplastic oligodendroglioma			•	
<b>Oligoastrocytic tumours</b>				
Oligoastrocytoma		•		
Anaplastic oligoastrocytoma			•	
<b>Ependymal tumours</b>				
Subependymoma	•			
Myxopapillary ependymoma	•			
Ependymoma		•		
Anaplastic ependymoma			•	
<b>Choroid plexus tumours</b>				
Choroid plexus papilloma	•			
Atypical choroid plexus papilloma		•		
Choroid plexus carcinoma			•	
<b>Other neuroepithelial tumours</b>				
Angiocentric glioma	•			
Chordoid glioma of the third ventricle		•		
<b>Neuronal and mixed neuronal-glial tumours</b>				
Gangliocytoma	•			
Ganglioglioma	•			
Anaplastic ganglioglioma			•	
Desmoplastic infantile astrocytoma and ganglioglioma	•			
Dysembryoplastic neuroepithelial tumour	•			
<b>I</b>				
<b>II</b>				
<b>III</b>				
<b>IV</b>				
<b>Central neurocytoma</b>				
Central neurocytoma		•		
<b>Extraventricular neurocytoma</b>				
Extraventricular neurocytoma		•		
<b>Cerebellar liponeurocytoma</b>				
Cerebellar liponeurocytoma		•		
<b>Paraganglioma of the spinal cord</b>				
Paraganglioma of the spinal cord	•			
<b>Papillary glioneuronal tumour</b>				
Papillary glioneuronal tumour	•			
<b>Rosette-forming glioneuronal tumour of the fourth ventricle</b>				
Rosette-forming glioneuronal tumour of the fourth ventricle	•			
<b>Pineal tumours</b>				
Pineocytoma	•			
Pineal parenchymal tumour of intermediate differentiation		•	•	
Pineoblastoma				•
Papillary tumour of the pineal region		•	•	
<b>Embryonal tumours</b>				
Medulloblastoma				•
CNS primitive neuroectodermal tumour (PNET)				•
Atypical teratoid / rhabdoid tumour				•
<b>Tumours of the cranial and paraspinal nerves</b>				
Schwannoma	•			
Neurofibroma	•			
Perineurioma	•	•	•	
Malignant peripheral nerve sheath tumour (MPNST)		•	•	•
<b>Meningeal tumours</b>				
Meningioma	•			
Atypical meningioma		•		
Anaplastic / malignant meningioma			•	
Haemangiopericytoma		•		
Anaplastic haemangiopericytoma			•	
Haemangioblastoma	•			
<b>Tumours of the sellar region</b>				
Craniopharyngioma	•			
Granular cell tumour of the neurohypophysis	•			
Pituitaryoma	•			
Spindle cell oncocytoma of the adenohypophysis	•			