

BRAIN

BRAIN

Malignant histologies (/3): 8000-8700, 8720-8790, 8802, 8810, 8815, 8850, 8890, 8900, 9064, 9070-9071, 9080, 9084-9085, 9100-9105, 9120, 9133, 9140, 9180, 9220, 9362, 9364, 9380-9540, 9680, 9699, 9702-9715, 9751-9759

Benign/Borderline histologies (/0, /1): All histologies (8000-9993)

C700, C710-C719

C700 Cerebral meninges

C710 Cerebrum

C711 Frontal lobe

C712 Temporal lobe

C713 Parietal lobe

C714 Occipital lobe

C715 Ventricle, NOS

C716 Cerebellum, NOS

C717 Brain stem

C718 Overlapping lesion of brain

C719 Brain, NOS

Note 1: The following sources were used in the development of this chapter

- SEER Extent of Disease 1988: Codes and Coding Instructions (3rd Edition, 1998) (<https://seer.cancer.gov/archive/manuals/EOD10Dig.3rd.pdf>)
- SEER Summary Staging Manual-2000: Codes and Coding Instructions (<https://seer.cancer.gov/tools/ssm/ssm2000/>)
- Collaborative Stage Data Collection System, version 02.05: <https://cancerstaging.org/cstage/Pages/default.aspx>
- Chapter 72 *Brain and Spinal Cord*, in the AJCC Cancer Staging Manual, Eighth Edition (2017) published by Springer International Publishing. Used with permission of the American College of Surgeons, Chicago, Illinois.

Note 2: While all histologies with behavior /0 and /1 are captured in this chapter, for behavior /3, see the following chapters for the listed histologies

- 8710-8714, 8800-8801, 8803-8806, 8811-8814, 8816-8818, 8820-8842, 8851-8881, 8891-8898, 8901-8934, 8940-9063, 9065, 9072-9073, 9081-9083, 9086-9091, 9110, 9121-9132, 9135-9138, 9141-9175, 9181-9213, 9221-9361, 9363, 9365-9373, 9541-9582: *Soft Tissue*
- 8935-8936: *GIST*
- 9700-9701: *Mycosis Fungoides*

Note 3: Summary Stage is the only applicable staging system for this site/histology/schema.

Note 4: Assign code 8 for benign or borderline tumors.

Note 5: Codes 0, 3, and 4 are not applicable for this chapter.

Note 6: The tentorium cerebelli is an extension of the dura mater that separates the cerebellum from the inferior portion of the occipital lobes. The location of the tumor above or below the tentorium can help in determining the type of tumor; also most adult brain tumors are supratentorial, and most pediatric brain tumors are infratentorial. In the following list, note that ICD-O-3 codes C71.0 and C71.9 include both supratentorial and infratentorial subsites.

- The following subsites are **Infratentorial**
 - All subsites for codes C716-C717
 - Hypothalamus (C710)
 - Pallium (C710)
 - Posterior cranial fossa (C719)
 - Thalamus (C710)
- The following subsites are **Supratentorial**
 - All subsites for codes C711-C715
 - Primary site C710 (excluding hypothalamus, pallium, thalamus)
 - Anterior cranial fossa (C719)
 - Corpus callosum (C718)
 - Middle cranial fossa (C719)
 - Tapetum (C718)
 - Suprasellar (C719)

Note 7: A midline shift is not the same thing as crossing the midline (code 2)

- It must state tumor **crosses the midline**

SUMMARY STAGE

1 Localized only (localized, NOS)

- Confined to brain, NOS
- Confined to meninges, NOS
- Confined to ventricles
 - Tumor invades or encroaches upon ventricular system
- Infratentorial tumor confined to
 - Brain stem or meninges of brain stem (one side)
 - Medulla oblongata
 - Midbrain (mesencephalon)
 - Pons
 - Cerebellum or meninges of cerebellum (one side or midline)
 - Lateral lobes
 - Median lobe of cerebellum
 - Vermis

- Hypothalamus
- Thalamus
- Infratentorial tumor
 - Both cerebellum and brain stem involved with tumor on one side
- Supratentorial tumor confined to
 - Cerebral hemisphere (cerebrum) or meninges of cerebral hemisphere (one side)
 - Frontal lobe
 - Occipital lobe
 - Parietal lobe
 - Temporal lobe

2 Regional by direct extension only

- Bone (skull)
- Contralateral hemisphere
- Corpus callosum (including splenium)
- Major blood vessel(s)
- Meninges (e.g., dura)
- Nerves (cranial, NOS)
- Spinal cord/canal
- Supratentorial tumor extends infratentorially to involve
 - Brain stem
 - Cerebellum
 - Hypothalamus
 - Pallium
 - Posterior cranial fossa
 - Thalamus
- Infratentorial tumor extends supratentorially to involve
 - Anterior cranial fossa
 - Cerebrum (cerebral hemisphere) (excluding hypothalamus, pallium, thalamus)
 - Corpus callosum
 - Middle cranial fossa
 - Suprasellar brain
 - Tapetum
- Tumor crosses the midline

7 Distant site(s)/lymph node(s) involved

- Distant site(s) (including further contiguous extension)
 - Circulating cells in cerebral spinal fluid (CSF)
 - Nasal cavity
 - Nasopharynx
 - Other direct extension outside CNS
 - Posterior pharynx

- Distant lymph node(s), NOS
- Distant metastasis, NOS
 - Carcinomatosis
 - Distant metastasis WITH or WITHOUT distant lymph node(s)
 - Metastasis within CNS and CSF pathways
 - "Drop" metastasis
 - Extra-neural metastasis
 - Metastasis outside the CNS

8 Benign or borderline brain

9 Unknown if extension or metastasis

CNS OTHER

C701, C709, C720-C721, C728-C729: 8000-8700, 8720-8790, 8802, 8810, 8815, 8850, 8890, 8900, 9064, 9070-9071, 9080, 9084-9085, 9100-9105, 9120, 9133, 9140, 9180, 9220, 9362, 9364, 9380-9540, 9680, 9699, 9702-9715, 9751-9759

C722, C724-C725: 8000-8700, 8720-8790, 8900, 9064, 9070-9071, 9080, 9084-9085, 9100, 9120, 9140, 9220, 9362, 9380-9539, 9680, 9699, 9702-9715, 9751-9759

C723: 8000-8700, 8720-8790, 9064, 9070, 9080, 9084-9085, 9100, 9140, 9180, 9362, 9380-9420, 9423-9472, 9474-9493, 9501-9521, 9523, 9531-9539, 9680, 9699, 9702-9715, 9751-9759

C701, C709, C720-C725, C728, C729

C701 Spinal meninges

C709 Meninges, NOS

C720 Spinal cord

C721 Cauda equina

C722 Olfactory nerve

C723 Optic nerve

C724 Acoustic nerve

C725 Cranial nerve, NOS

C728 Overlapping lesion of brain and central nervous system

C729 Nervous system, NOS

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- SEER Summary Staging Manual-2000: Codes and Coding Instructions (<https://seer.cancer.gov/tools/ssm/ssm2000/>)
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Note 2: See the following chapters for the listed histologies

- C701, C709, C720-C721, C728-C729 (8710-8714, 8800-8801, 8803-8806, 8811-8814, 8816-8842, 8851-8881, 8891-8898, 8901-8905, 8910-8934, 8940-8992, 9000-9016, 9020, 9030-9063, 9065, 9072-9073, 9081-9083, 9086-9091, 9110-9111, 9121-9132, 9135-9138, 9141-9175, 9181-9213, 9221-9361, 9363, 9368-9373, 9541-9582): *Soft Tissue*
- C722, C724-C725 (8710-8714, 8800-8806, 8810-8898, 8901-8934, 8940-9063, 9065, 9072-9073, 9081-9083, 9086-9091, 9101-9110, 9121-9138, 9141-9213, 9221-9361, 9363-9373, 9540-9582): *Soft Tissue*

- C723 (8710-8714, 8800-8921, 8932-8934, 8940-8990, 9000-9016, 9030-9063, 9065, 9071-9073, 9081-9083, 9086-9091, 9101-9138, 9141-9175, 9181-9230, 9240-9361, 9363-9373, 9421, 9473, 9500, 9522, 9530, 9540-9582): *Orbital Sarcoma*
- C723 (8930-8931, 8991-8992, 9020, 9231): *Soft Tissue*
- 8935-8936: *GIST*
- 9700-9701: *Mycosis Fungoides*

Note 3: Summary Stage is the only applicable staging system for this site/histology/schema.

Note 4: Assign code 8 for benign or borderline tumors.

Note 5: Codes 0, 3, and 4 are not applicable for this chapter.

SUMMARY STAGE

1 Localized only (localized, NOS)

- Confined to tissue or site of origin

2 Regional, NOS

- Adjacent connective/soft tissue
- Adjacent muscle
- Brain for cranial nerve tumor(s)
- Major blood vessel(s)
- Meningeal tumor infiltrates nerve
- Nerve tumor infiltrates meninges (dura)
- Sphenoid and frontal sinuses (skull)

7 Distant site(s)/lymph node(s) involved

- Distant site(s) (including further contiguous extension)
 - Bone other than skull
 - Brain except for cranial nerve tumor(s)
 - Eye
- Distant lymph node(s), NOS
- Distant metastasis, NOS
 - Carcinomatosis
 - Distant metastasis WITH or WITHOUT distant lymph node(s)

8 Benign or borderline brain

9 Unknown if extension or metastasis

INTRACRANIAL GLAND

Malignant histologies (/3): 8000-8700, 8720-8790, 8900, 9064, 9070-9071, 9080, 9084-9085, 9100, 9120, 9140, 9220, 9362, 9380-9539, 9680, 9699, 9702-9715, 9751-9759

Benign/Borderline histologies (/0, /1): All histologies (8000-9993)

C751-C753

C751 Pituitary gland

C752 Craniopharyngeal duct

C753 Pineal Gland

Note 1: The following sources were used in the development of this chapter

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- 8935-8936: *GIST*
- 9700-9701: *Mycosis Fungoides*

Note 3: Summary Stage is the only applicable staging system for this site/histology/schema.

Note 4: Assign code 8 for benign or borderline tumors.

Note 5: Codes 3 and 4 are not applicable for this chapter.

SUMMARY STAGE

0 In situ, intraepithelial, noninvasive

1 Localized only (localized, NOS)

- Confined to gland of origin

2 Regional by direct extension only

- Adjacent connective/soft tissue
- Adjacent organ(s)/structure(s) for pituitary and craniopharyngeal duct
 - Cavernous sinus
 - Infundibulum
 - Pons
 - Sphenoid body and sinuses
- Adjacent organ(s)/structure(s) for pineal
 - Infratentorial and central brain

7 Distant site(s)/lymph node(s) involved

- Distant site(s) (including further contiguous extension)
- Distant lymph node(s), NOS
- Distant metastasis, NOS
 - Carcinomatosis
 - Distant metastasis WITH or WITHOUT distant lymph node(s)

8 Benign or borderline brain

9 Unknown if extension or metastasis