BRAIN

BRAIN


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

- Collaborative Stage Data Collection System, version 02.05: https://cancerstaging.org/cstage/Pages/default.aspx

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

- 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 (C719)
  - 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


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

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

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Note 2: See the following chapters for the listed histologies

• 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)
    o Bone other than skull
    o Brain except for cranial nerve tumor(s)
    o Eye
  • Distant lymph node(s), NOS
  • Distant metastasis, NOS
    o Carcinomatosis
    o 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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**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

- 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