

Posterior fossa meningioma classification

There are various other [classification](#) systems for [posterior fossa meningiomas](#).

Sekhar Classification

Sekhar and Wright Classification of posterior fossa meningiomas ¹⁾

Type

I [Cerebellar convexity meningioma](#) lateral tentorial Extension Tentorium, transverse, sigmoid sinuses

II [Cerebellopontine angle meningioma](#) - [Petrous ridge](#), IAC

III [Jugular foramen meningioma](#) - Cerebellomedullary angle, internal jugular vein, extracranial

IV [Petroclival meningioma](#) - Upper 2/3 clivus, cavernous sinus, Meckel's cave, petrous ridge

V [Foramen magnum meningioma](#) - Lower 1/3 clivus, C1_2 area

VI Unclassified - Entire clivus, mid and lower clivus, other types

Type	Location	Anatomical extension
I	Cerebellar convexity, lateral tentorial	Tentorium, transverse and sigmoid sinus
II	CP angle	Petrous ridge, IAC
III	Jugular foramen	Cerebello-medullary angle, internal jugular vein, extracranial
IV	Petro clival	Upper 2/3 rd clivus, cavernous sinus, meckles cave, petrous ridge
V	Foramen magnum	Lower 1/3 rd Clivus and C1, C2 Area
VI	Unclassified	Entire clivus, mid and lower clivus and other types

These six different subtypes of posterior fossa meningiomas differ in their localization, natural history, required surgical technique, and outcome. These subtypes include cerebellar convexity, cerebellopontine angle, petroclival, tentorial, foramen magnum, and jugular foramen meningiomas.

Bradac Classification

Bradac et al ²⁾ subdivided [posterior fossa meningiomas](#) into four groups:

1. [Tentorial meningiomas](#) are those located under the surface of the tentorium cerebelli;
2. [Clival meningiomas](#) proceed from upper third of the clivus bone in the direction of the middle cranial fossa or the direction of the brainstem;

3. [Cerebellopontine angle meningioma](#) arise from the medial portion of the petrous bone;
4. [Foramen magnum meningiomas](#) arise at or near the anterior rim of the foramen

Castellano Classification

Castellano and Ruggiero ³⁾ had classified posterior fossa meningiomas into:

[Tentorial meningioma](#)

[Petroclival meningioma](#)

[Cerebellar convexity meningioma](#)

[Posterior petrous bone meningioma](#) (see [Cerebellopontine angle meningioma](#)).

[Clivus meningioma](#)

[Foramen magnum meningioma](#).

¹⁾
Sekhar LN, Wright DC, Richardson R, Monacci W. Petroclival and foramen magnum meningiomas: surgical approaches and pitfalls. J Neurooncol. 1996 Sep;29(3):249-59. Review. PubMed PMID: 8858531.

²⁾
Bradac GB, Ferszt R, Kendall BE, Cranial meningiomas. Diagnosis, Biology, Therapy. SpringerVerlag, Berlin, 1990, p. 125.

³⁾
Castellano F, Ruggiero G. Meningiomas of the posterior fossa. Acta Radiol Suppl. 1953;104:1-177.

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