

Lateral sphenoid wing meningioma surgery

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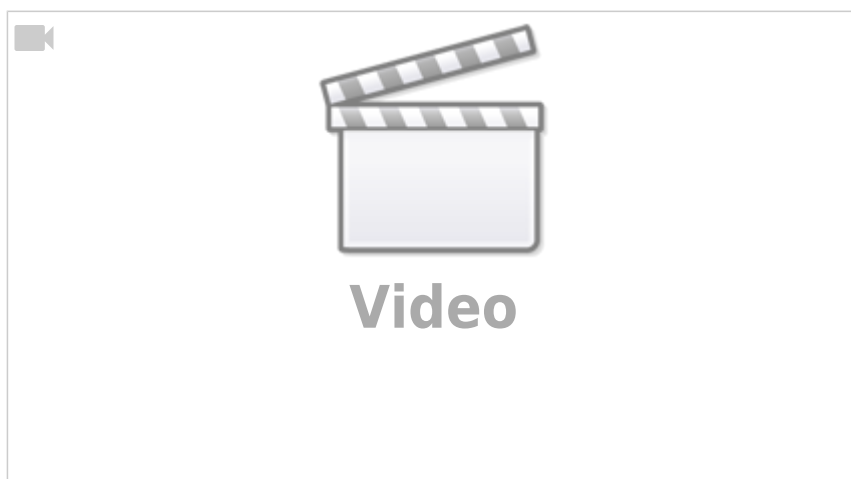
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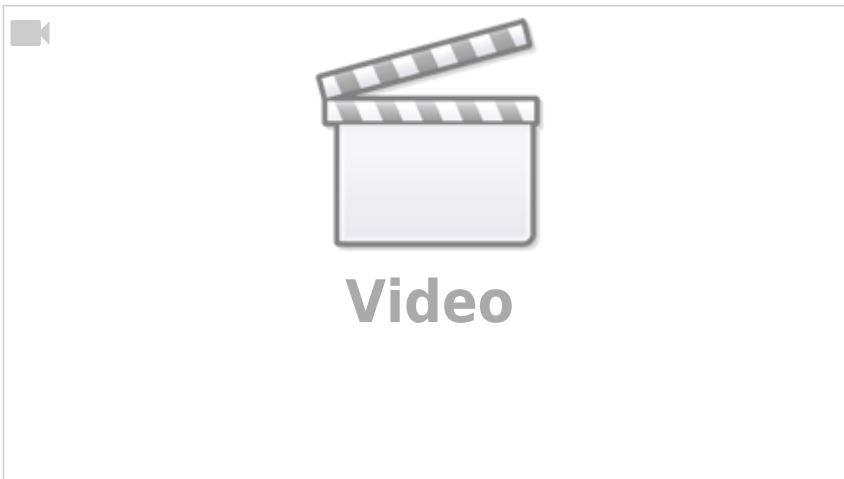
see also [Medial sphenoid wing meningioma surgery](#).

Videos

Sphenoid Wing Meningioma



Surgery for Hyperostosing Sphenoid Wing Meningiomas



Resection of a Hyperostotic Lateral Sphenoid Wing Meningioma with Intraorbital Extension (Sphenoorbital Meningioma)

<https://www.neurosurgicalatlas.com/volumes/cranial-base-surgery/skull-base-meningioma/lateral-and-middle-sphenoid-wing-meningioma>

Surgical [tumor resection](#) is the mainstay of [lateral sphenoid wing meningioma treatment](#), and the goal of surgery is complete removal of the tumor with wide excision of the affected bone and dura, minimizing the risk for future [meningioma recurrence](#).

Surgical Strategy

[Pterional craniotomy](#), flattening of the squamous [temporal bone](#)

Limited [dural opening](#) into the tumor for initial [debulking](#)

Pterional dural opening to access the proximal ICA

Dearterialization of the tumor along the [sphenoid wing](#)

Debulking both central and capsular portions of the tumor

Cleaving the tumor along the ICA-M1 MCA to dissect the MCA candelabra

Preservation of the medial arachnoid around the ICA and cranial nerves

[Cautery](#) and resection of the dura of the sphenoid wing

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