

Алгоритм выбора хирургического доступа к опухолям основания черепа

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Удаление опухолей передней и средней черепных ямок за 14 лет (2006-2020)



Менингиомы	507
Аденомы	762
Краниофарингиомы	30
Опухоли основания черепа (хордомы, эстезионейробластомы, метастазы и др.)	55

Летальность - 1,04 %



Передние доступы

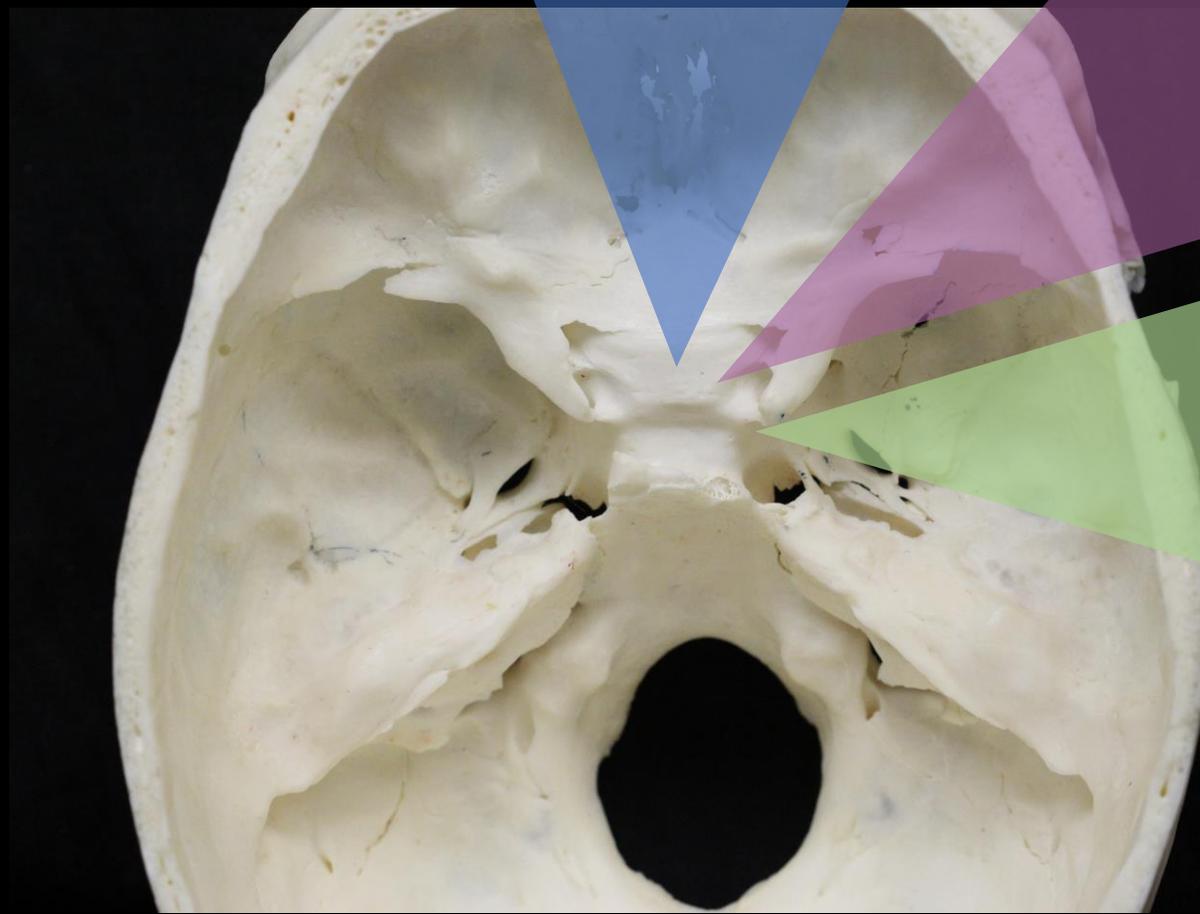
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- Межполушарный
- Субфронтальный

Передне-латеральные доступы

- Птериональный
- Супрорбитальный
- Орбитозигматический

Латеральные доступы

- Подвисочный
- Трансвисочный

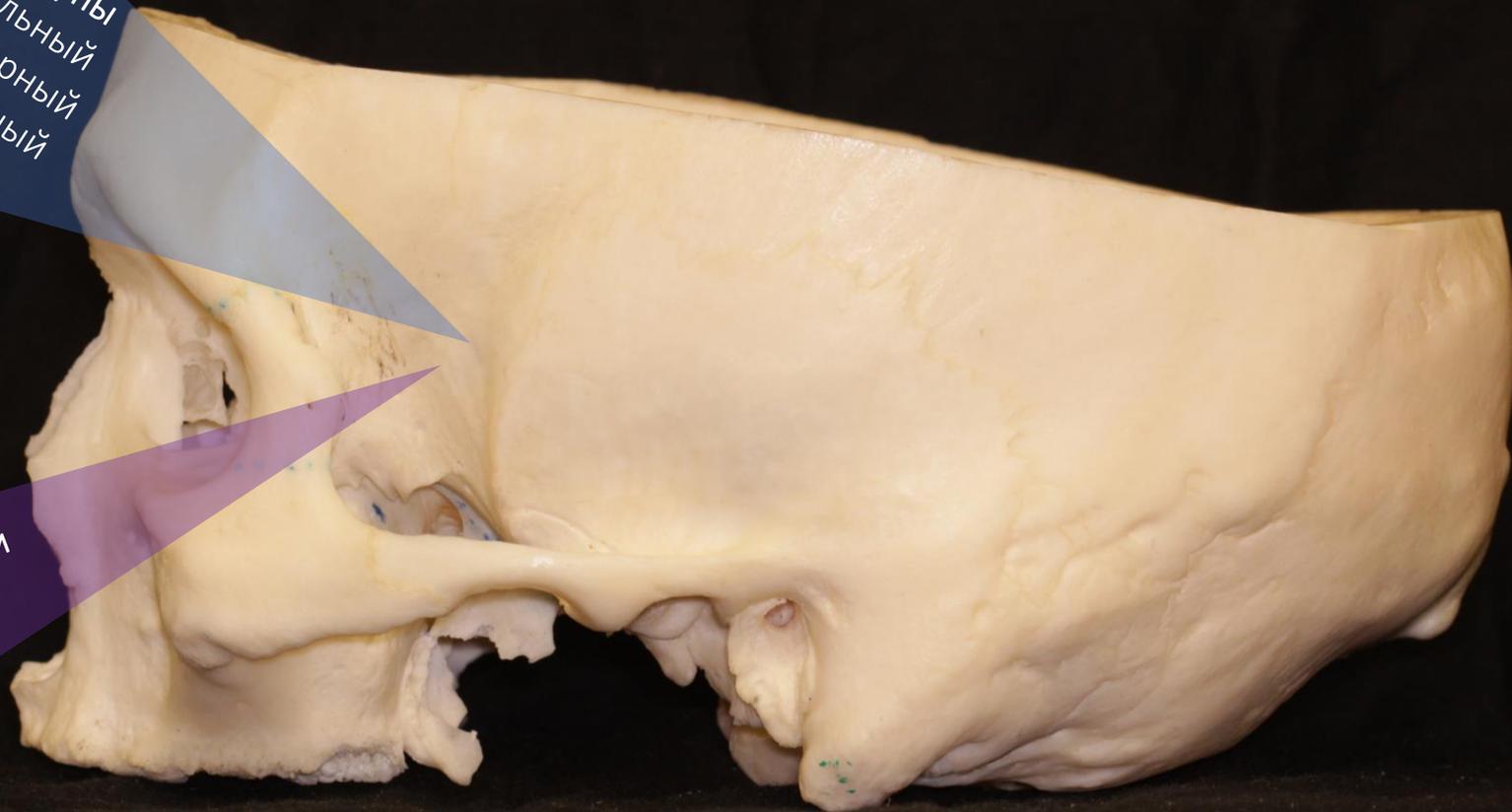


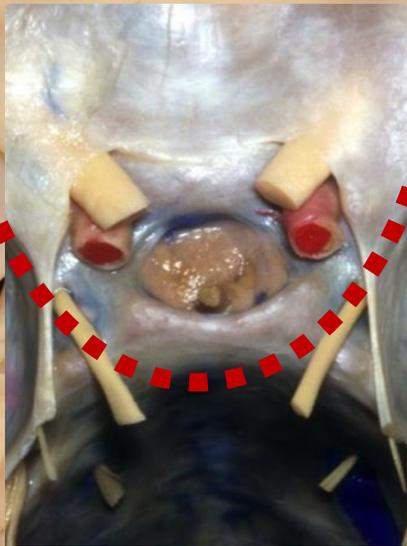
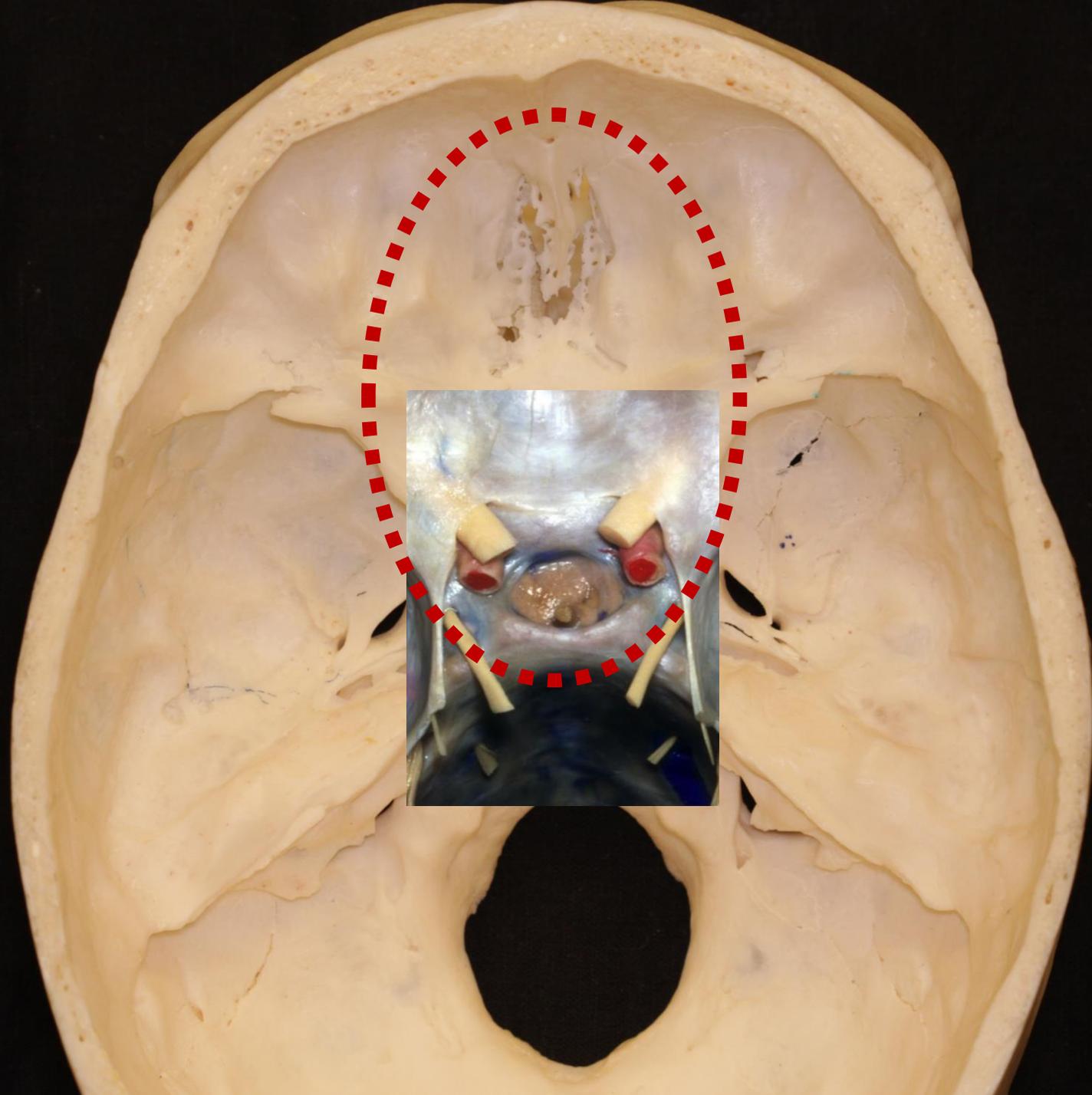


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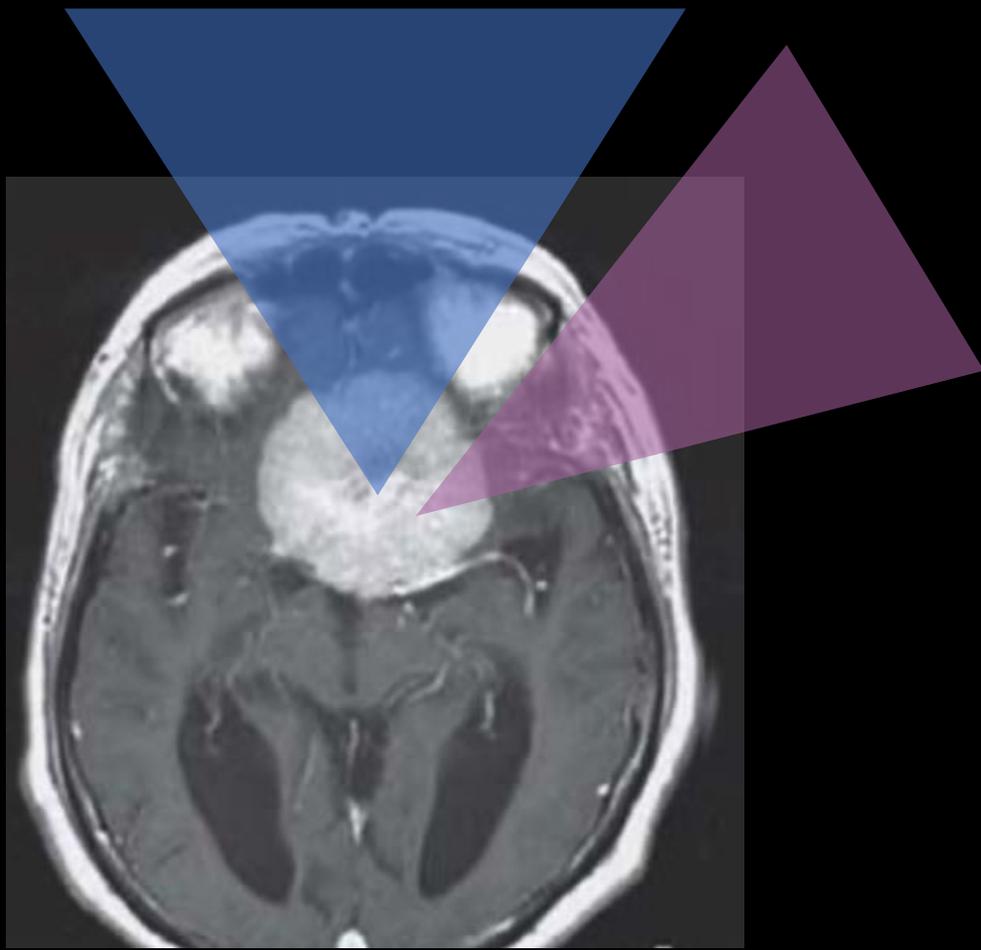
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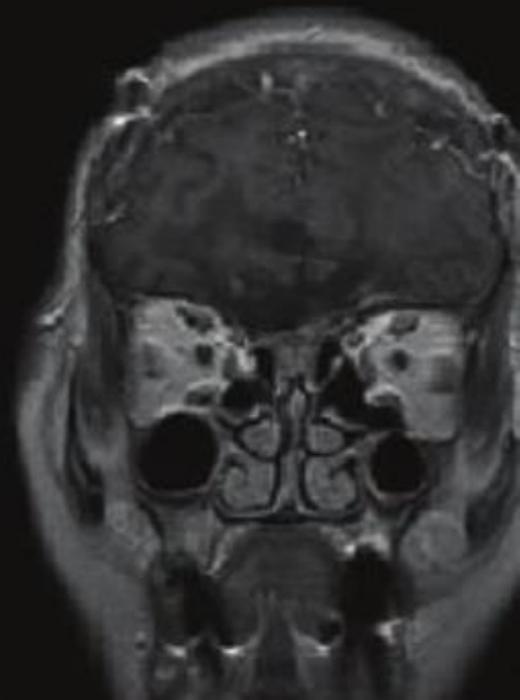
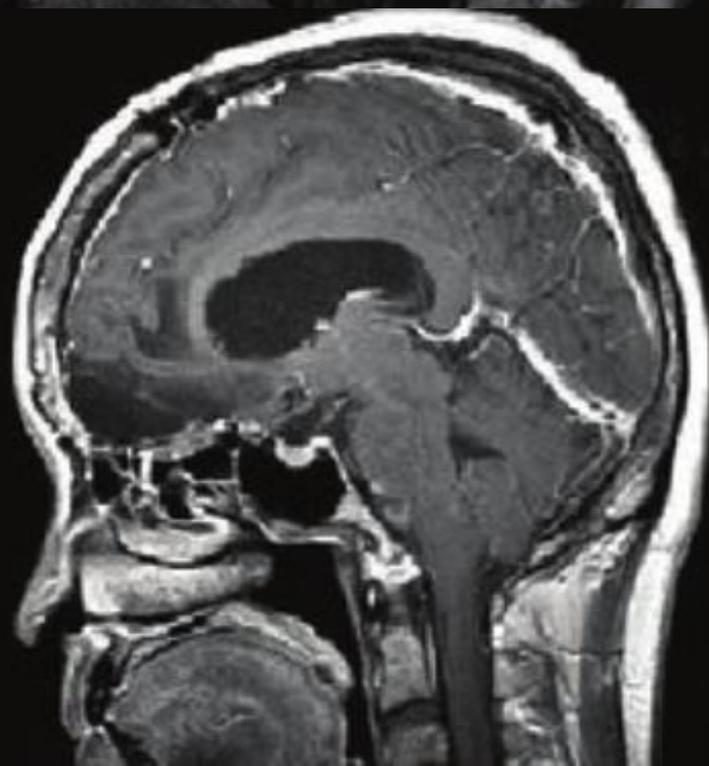
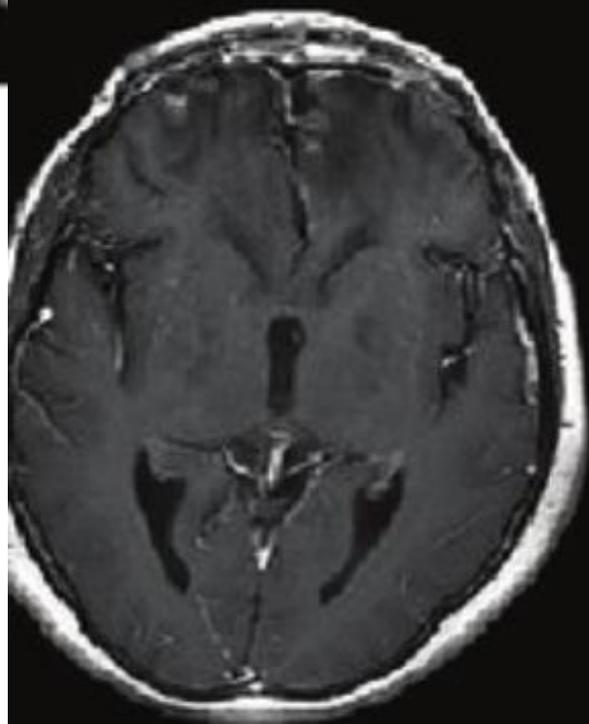
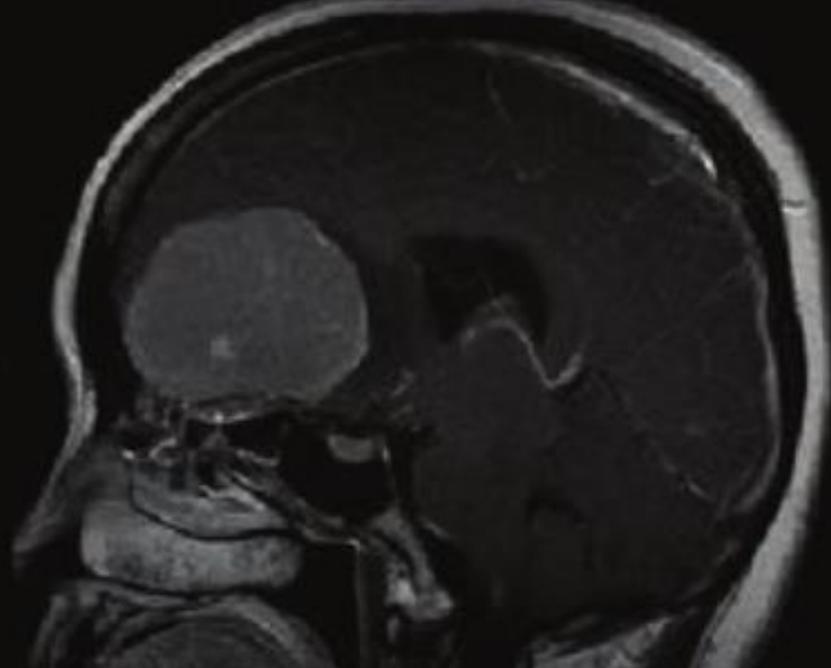
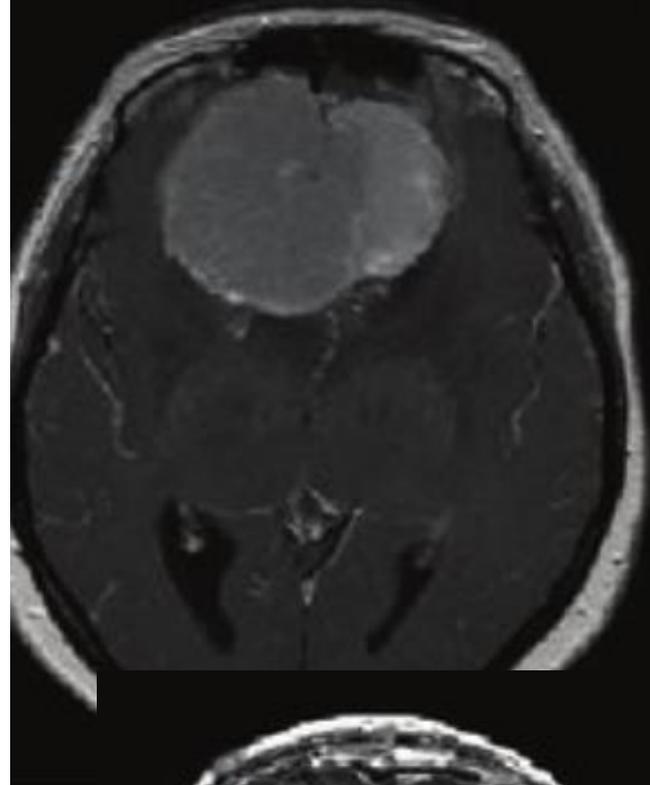
Трансназальный
доступ

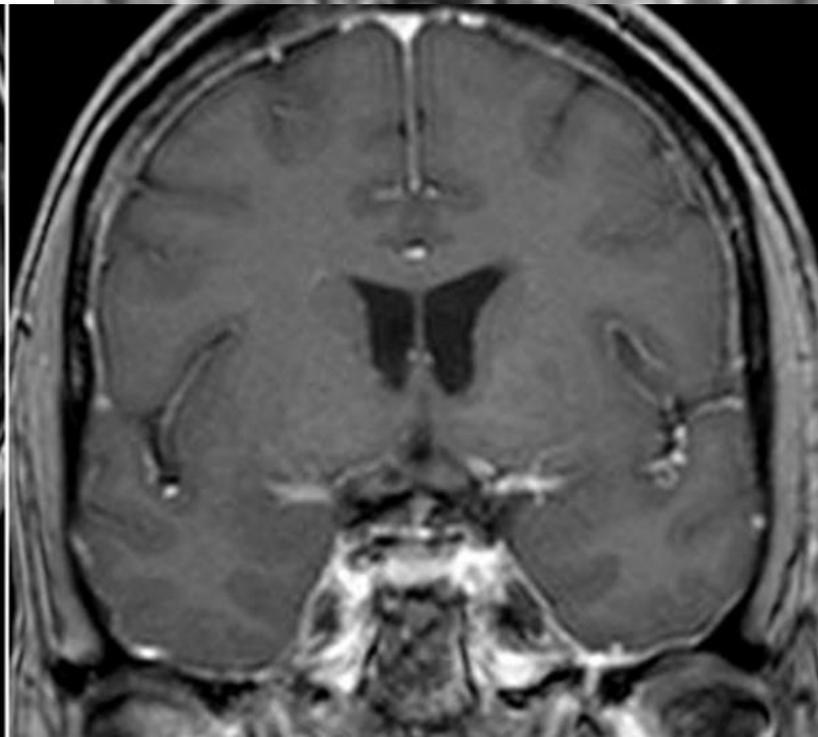
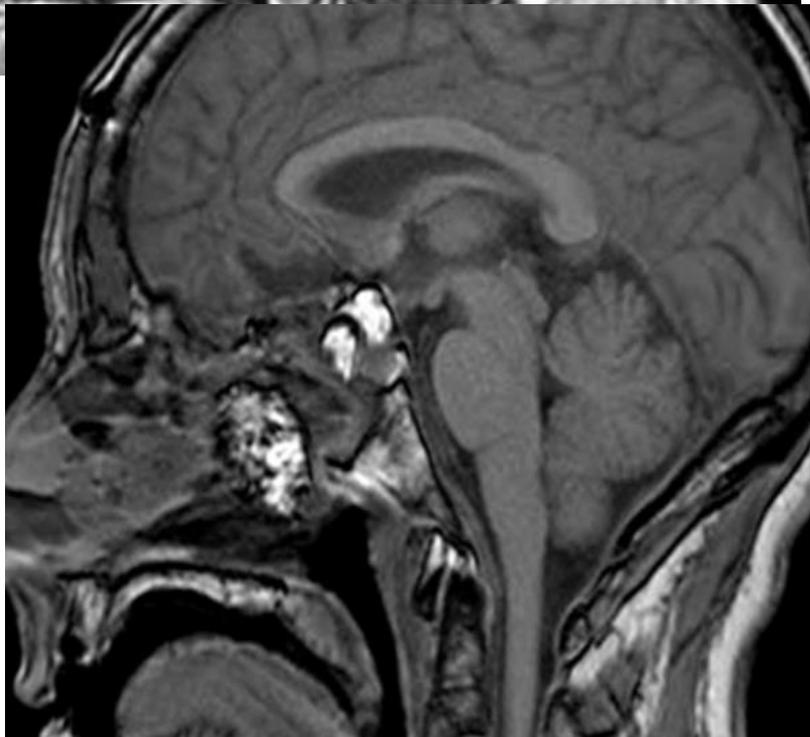
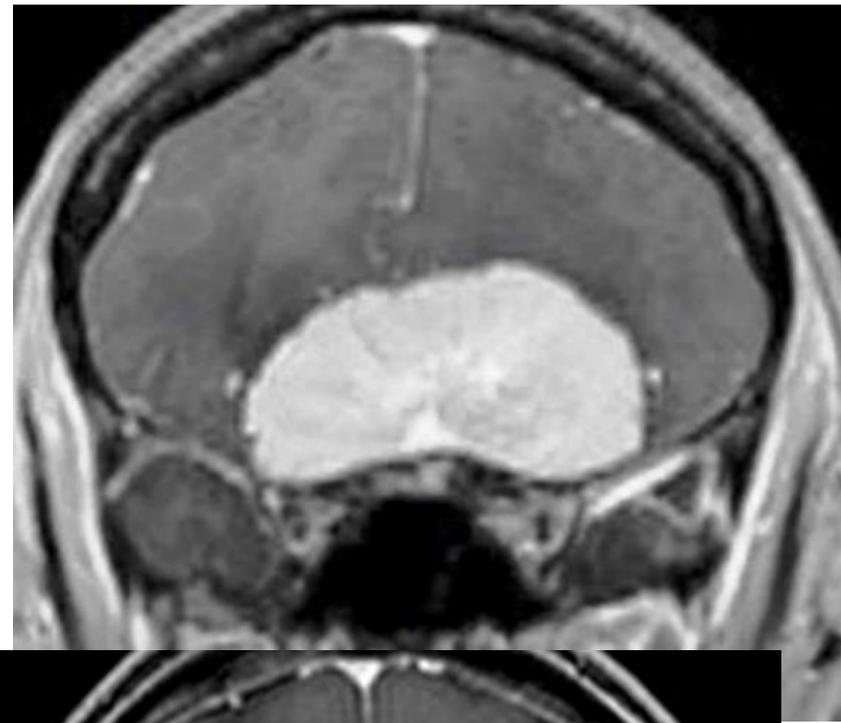
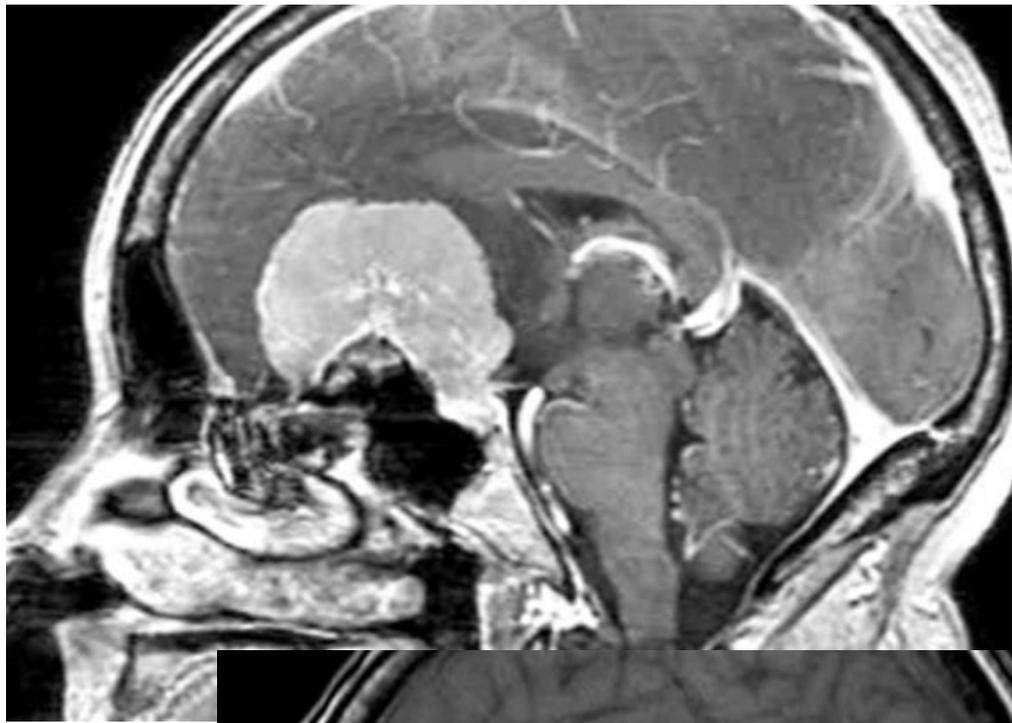


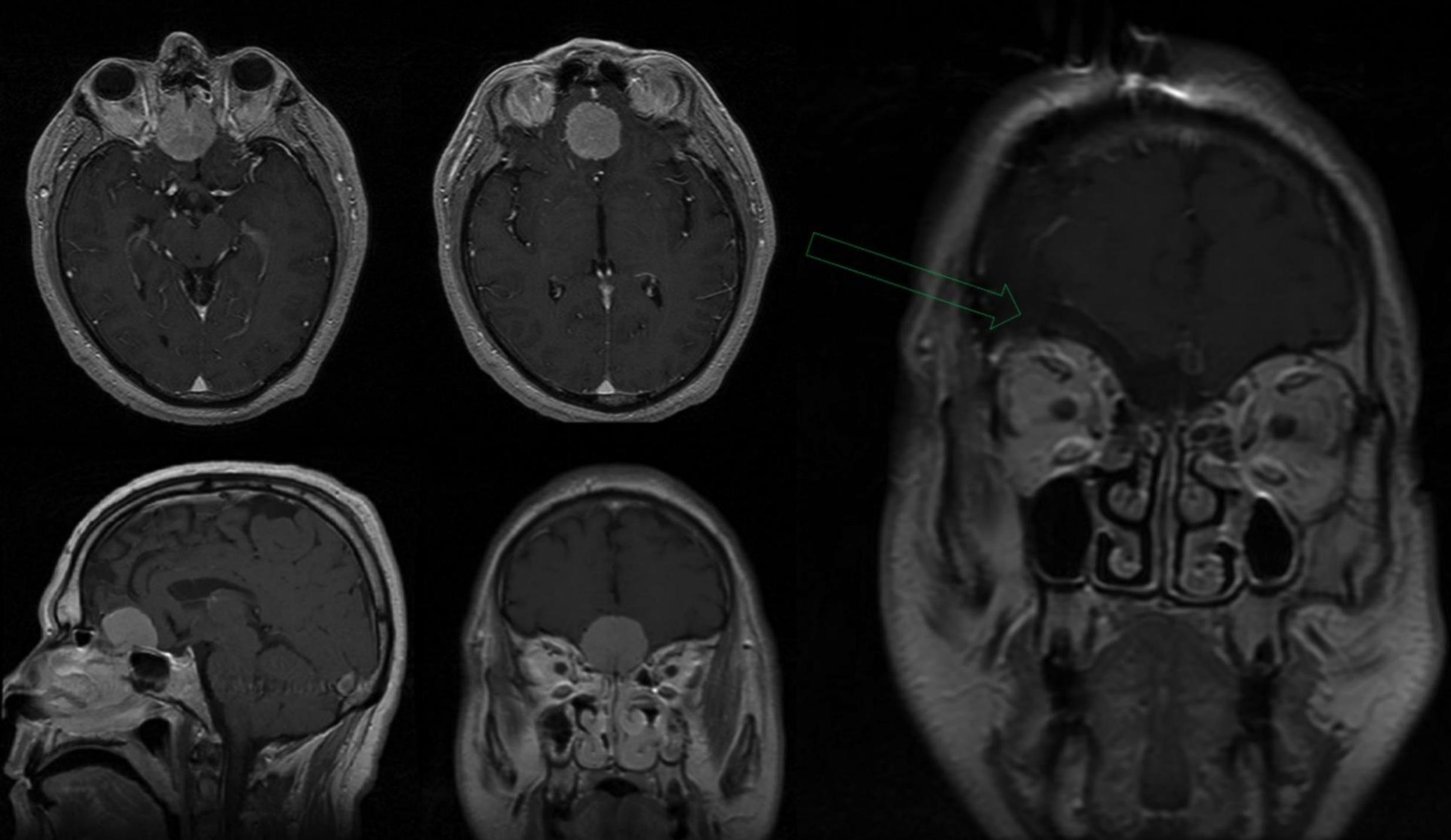


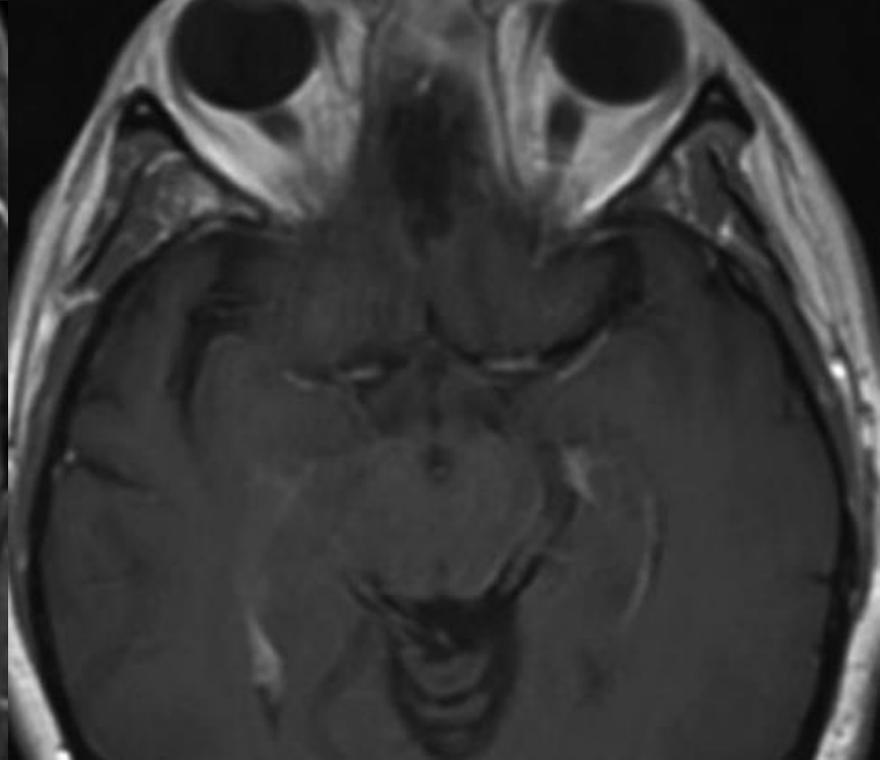
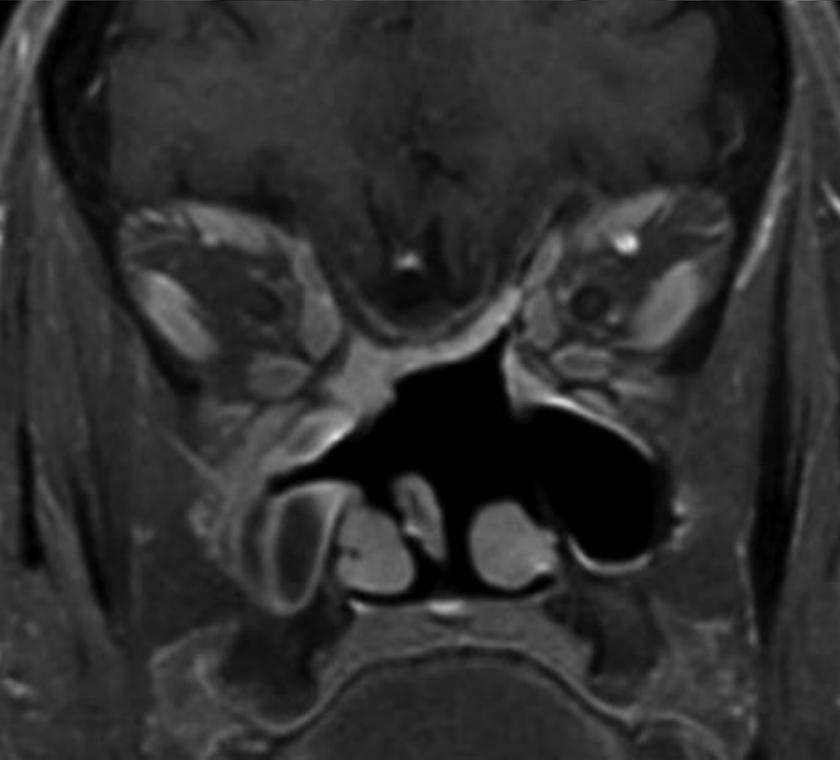
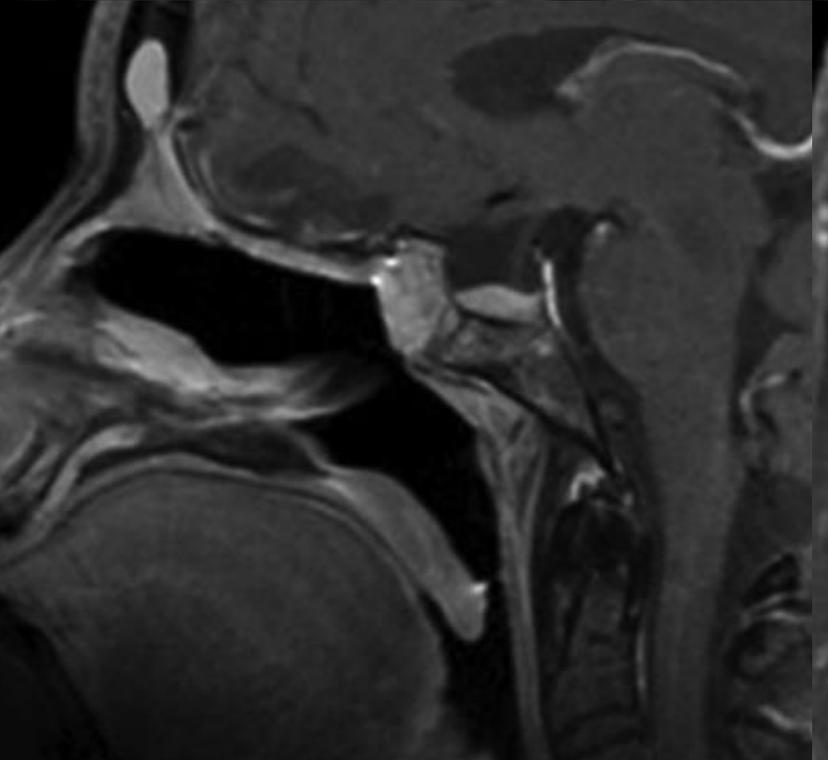
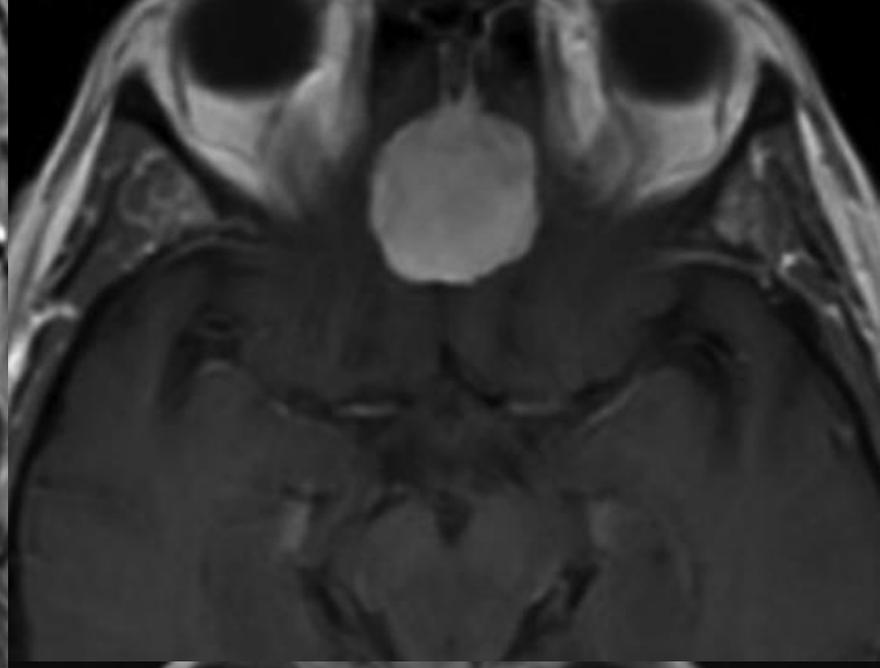
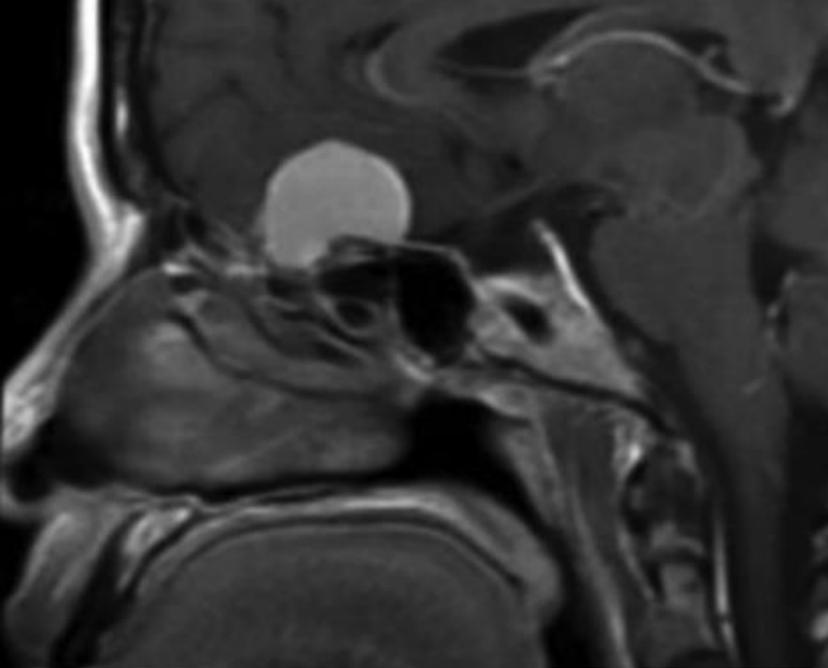
Ольфакторная менингиома













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James K. Liu, MD

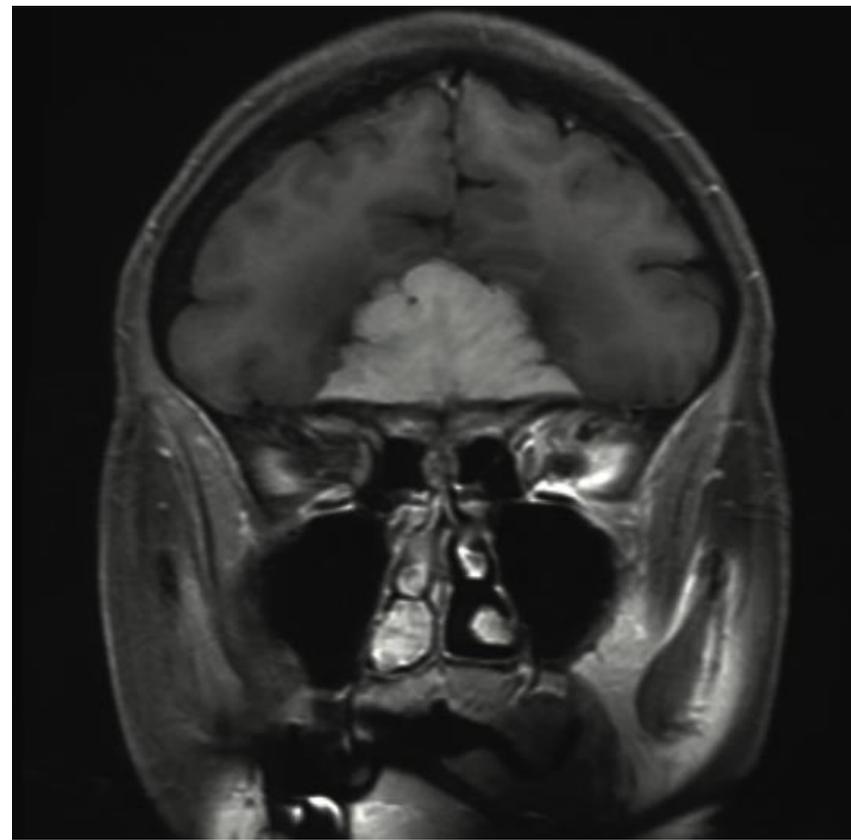
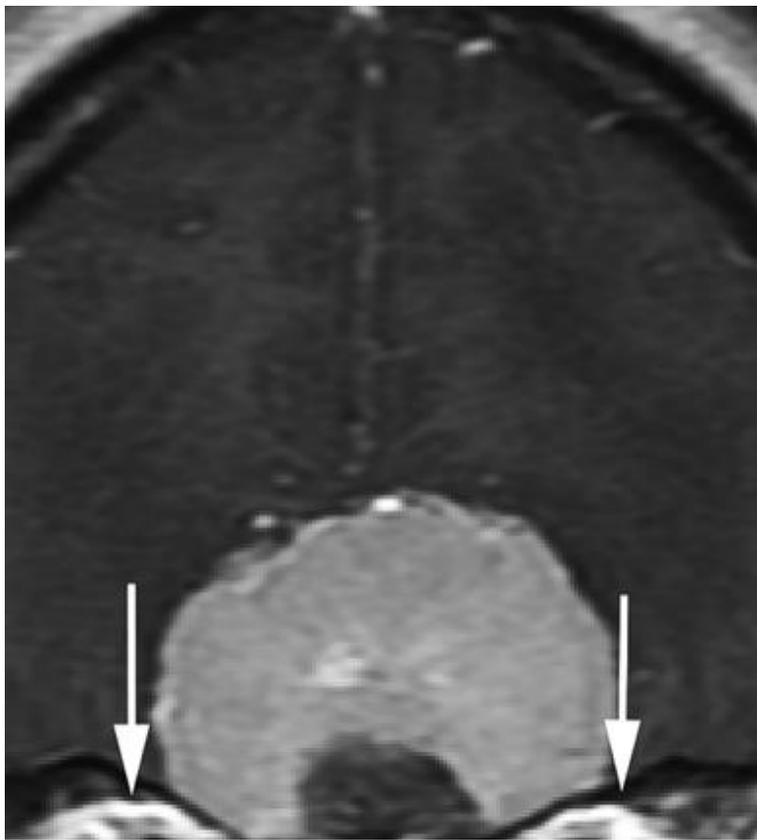
Department of Neurological Surgery,

Commentary: Results of Transcranial Resection of Olfactory Groove Meningiomas in Relation to Imaging-Based Case Selection Criteria for the Endoscopic Approach

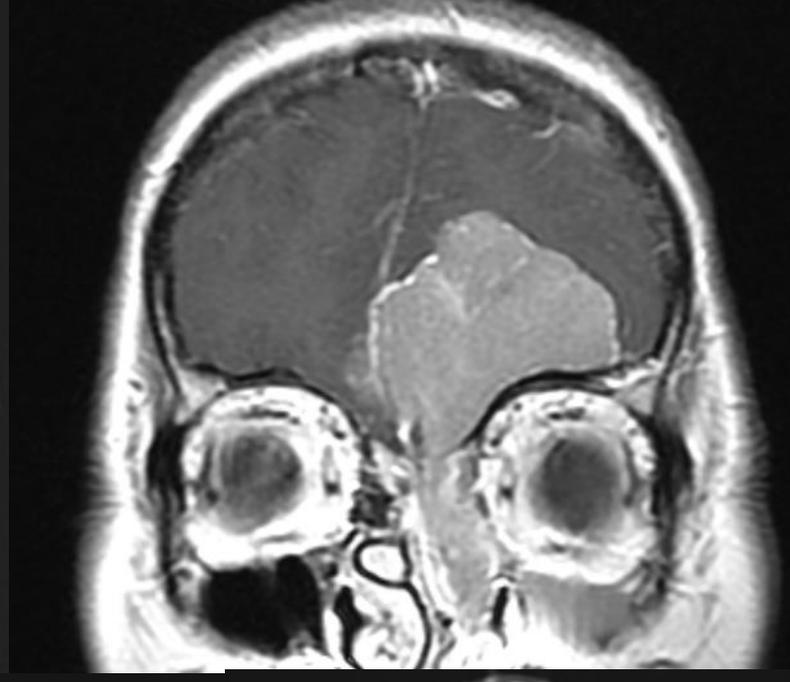
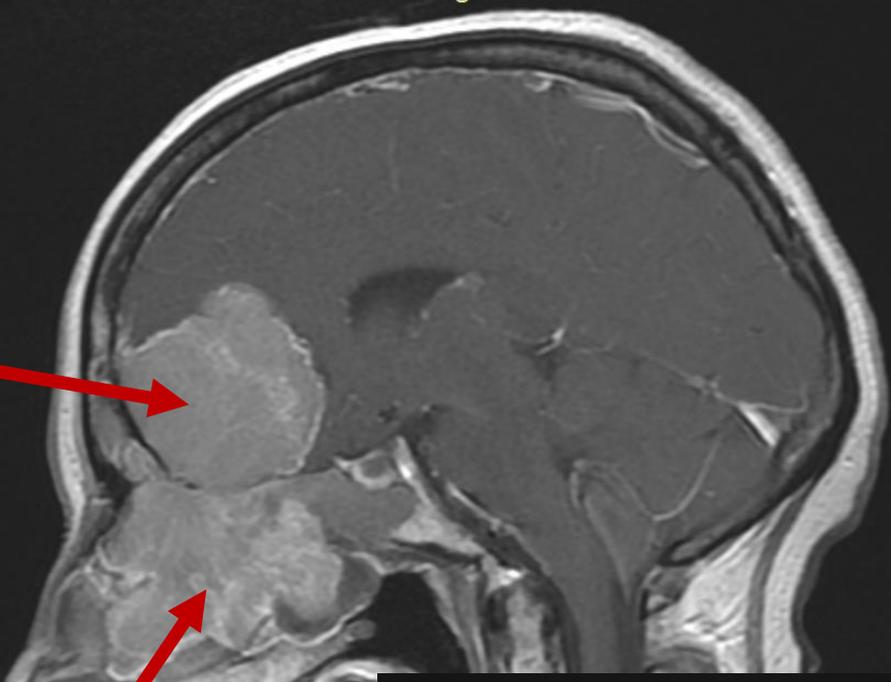
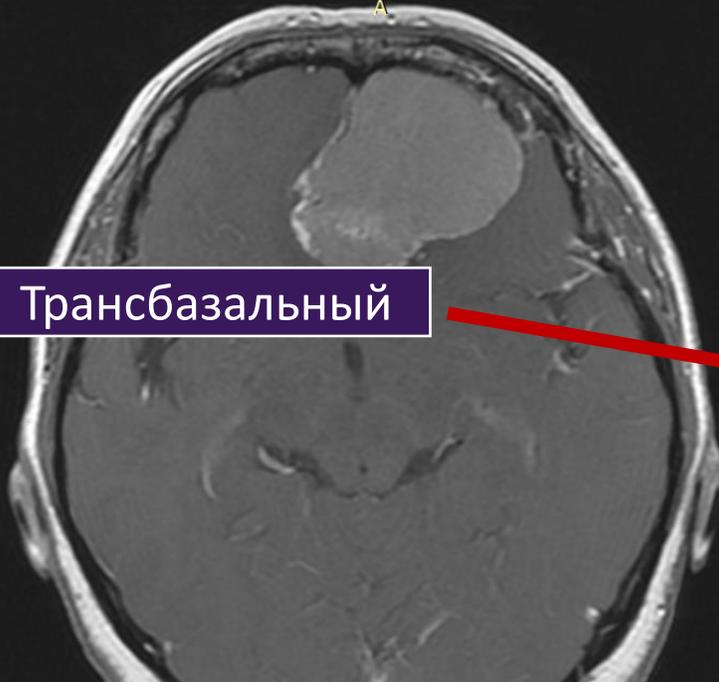
TABLE. Comparison of Outcomes of Transcranial vs EEA for OGMs

	Patel et al ³ – TC	Systematic review ¹ – TC	Liu et al ⁴ – TC	Systematic review ¹ – EEA	Koutouriousou et al ² – EEA
GTR	92%	90.9%	80%	70.2%	66.7%
CSF leak	12%	6.3%	0%	25.7%	30%
Olfaction preservation	NR	39%	67.7%	0%	0%

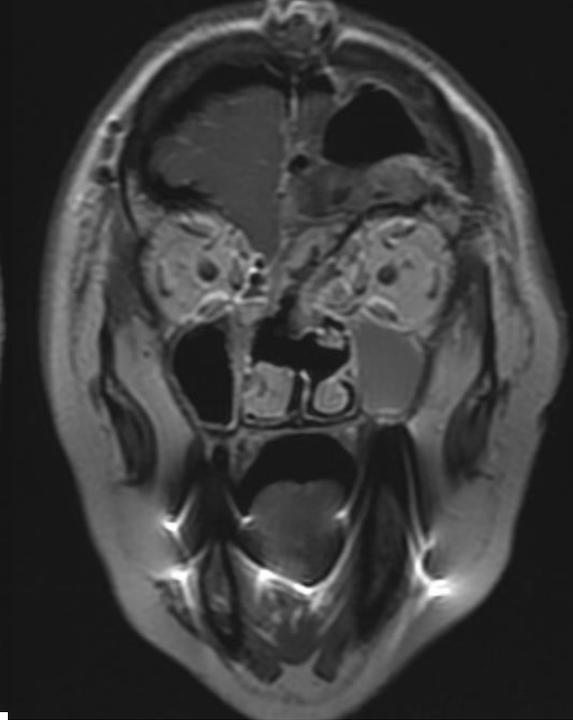
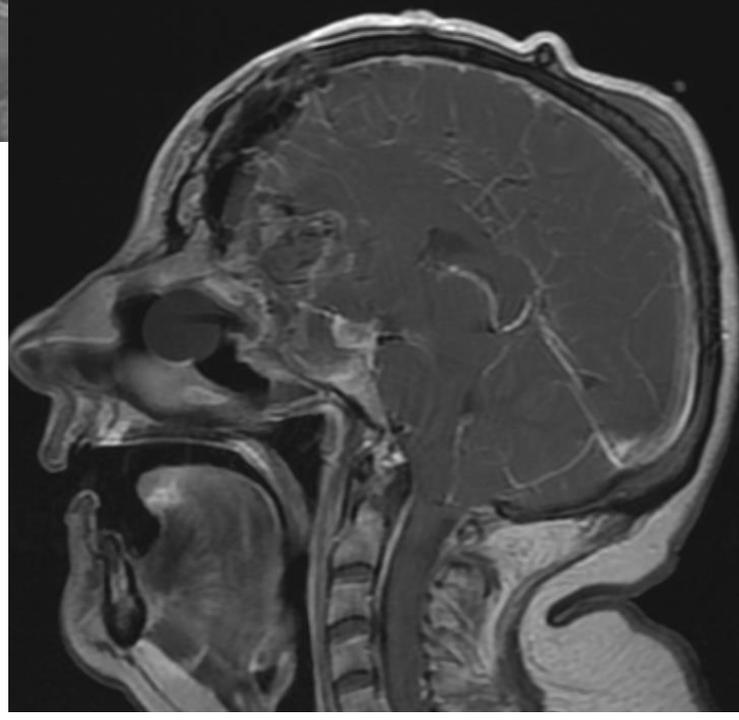
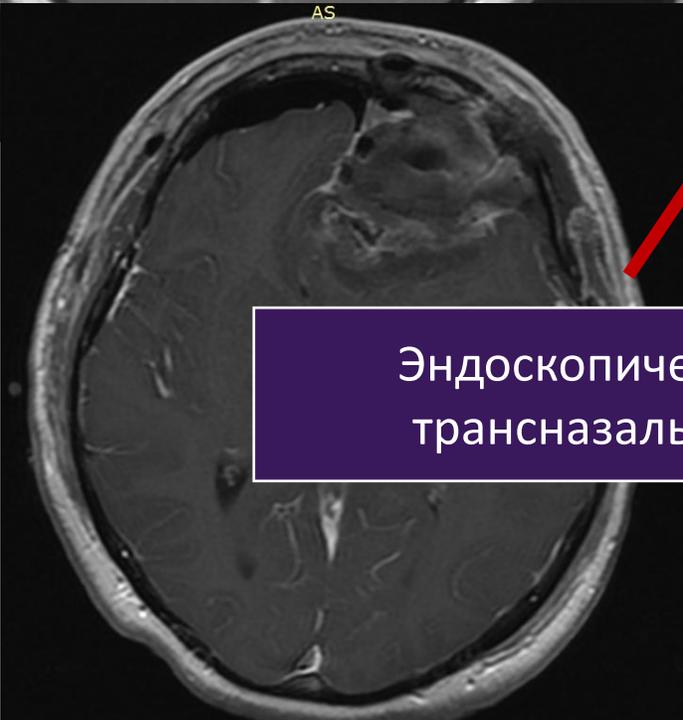
Противопоказание для трансназальной хирургии



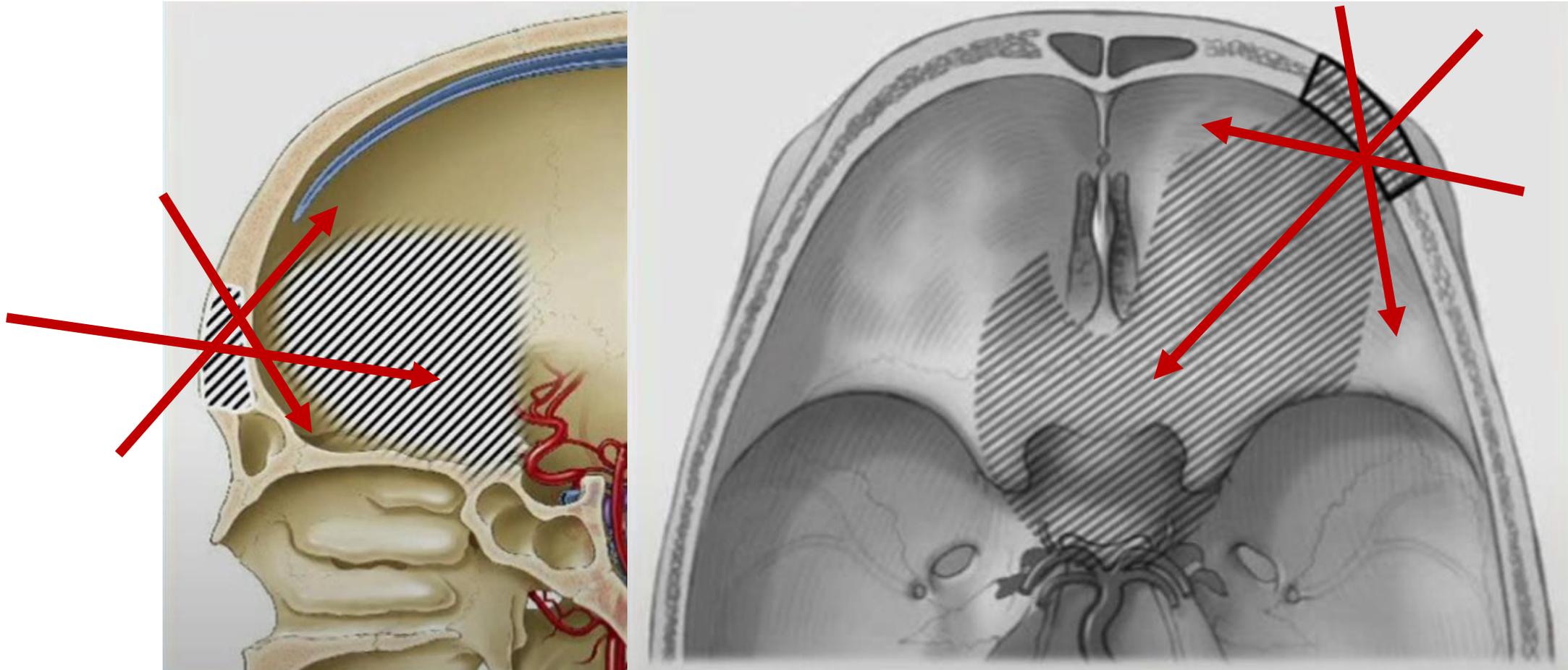
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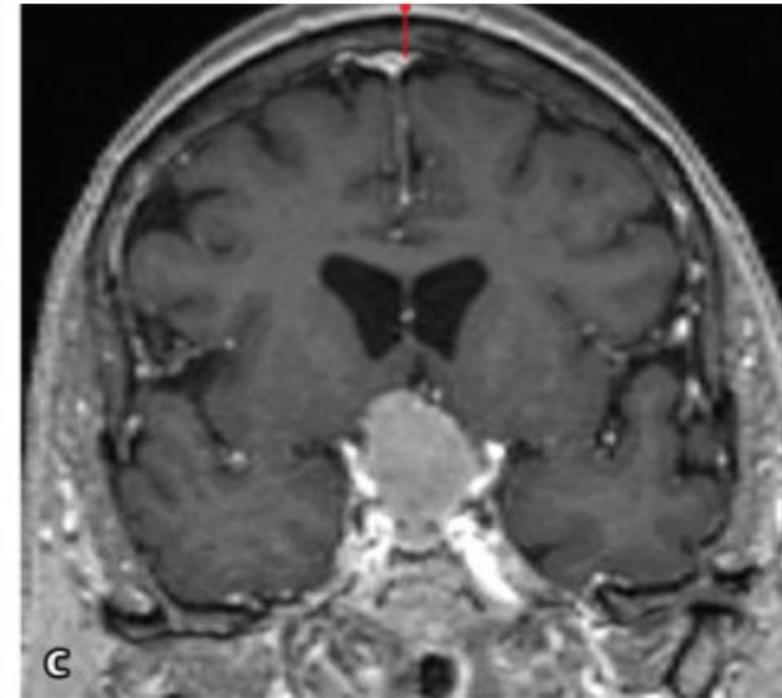
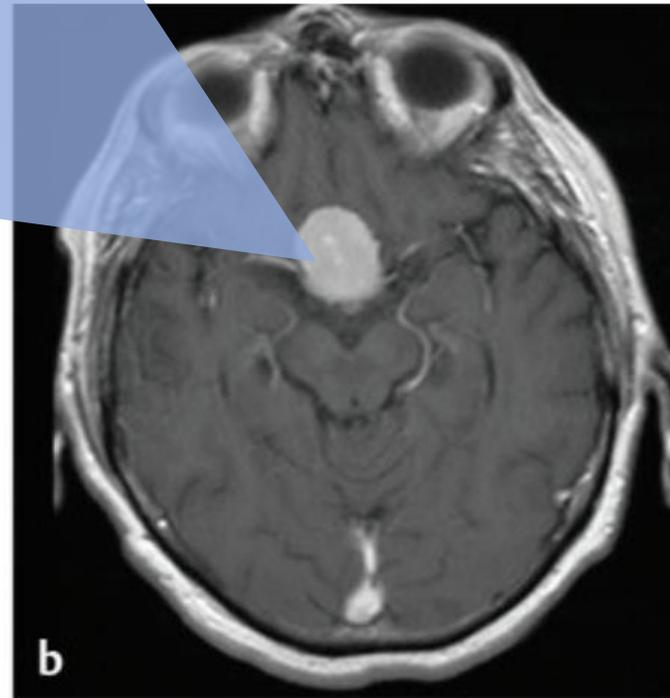
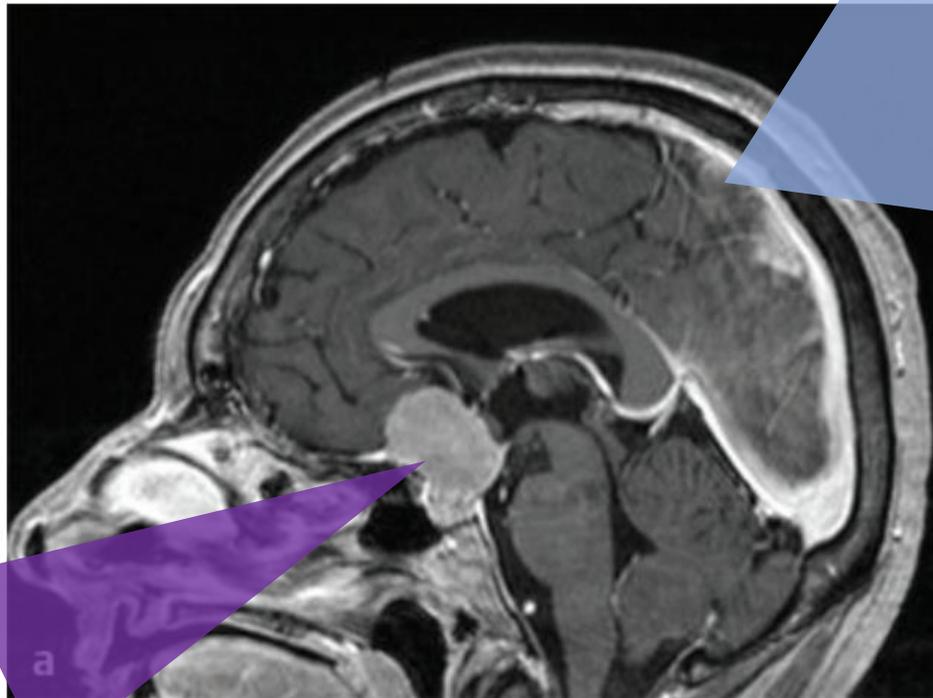
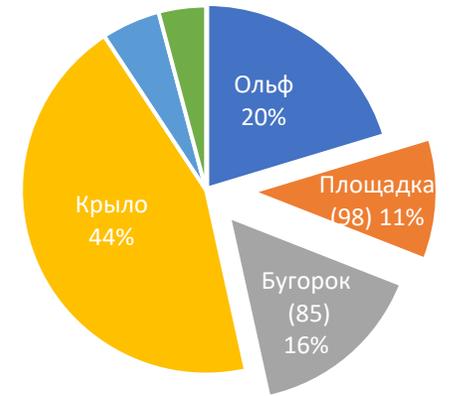
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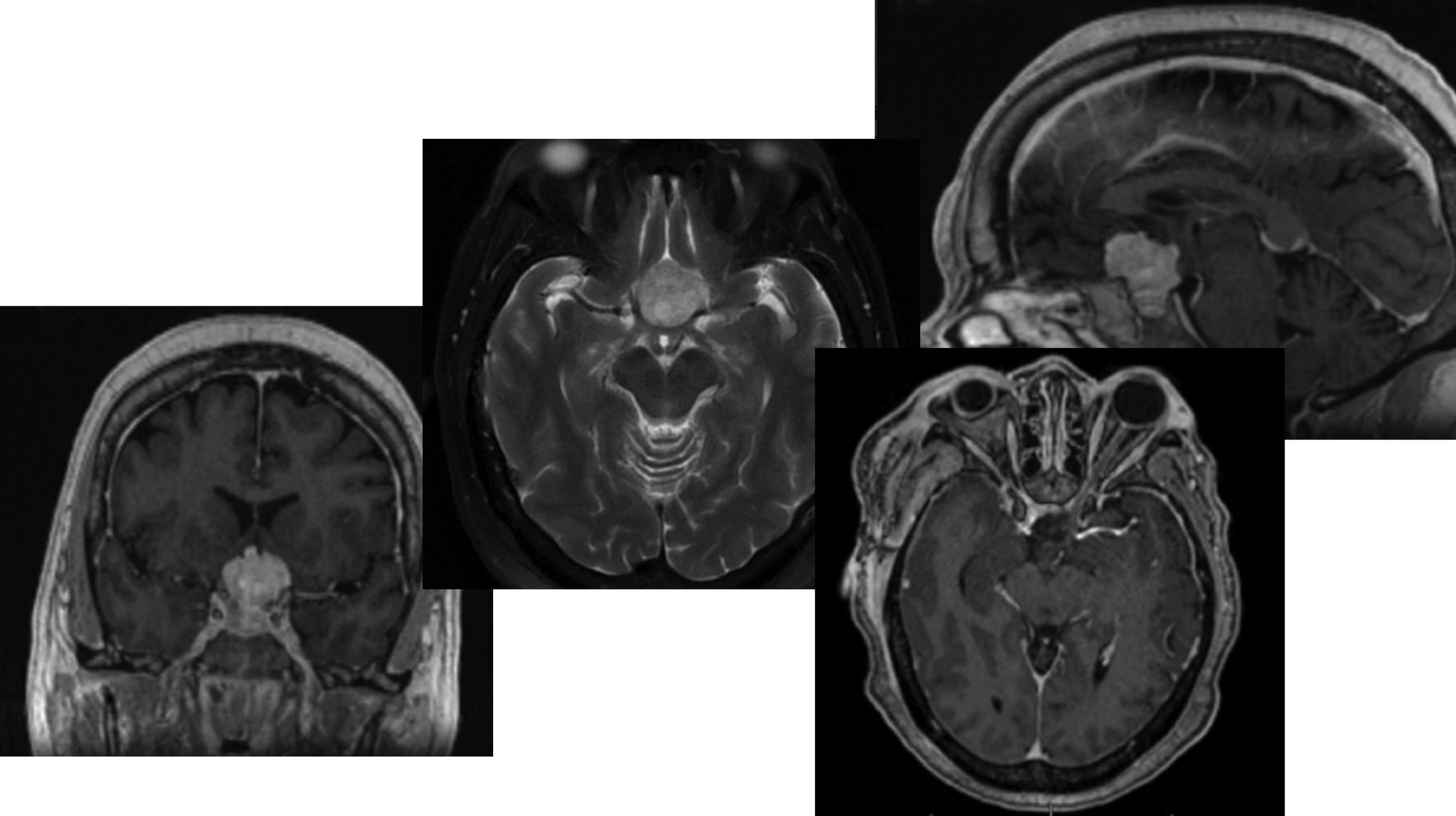


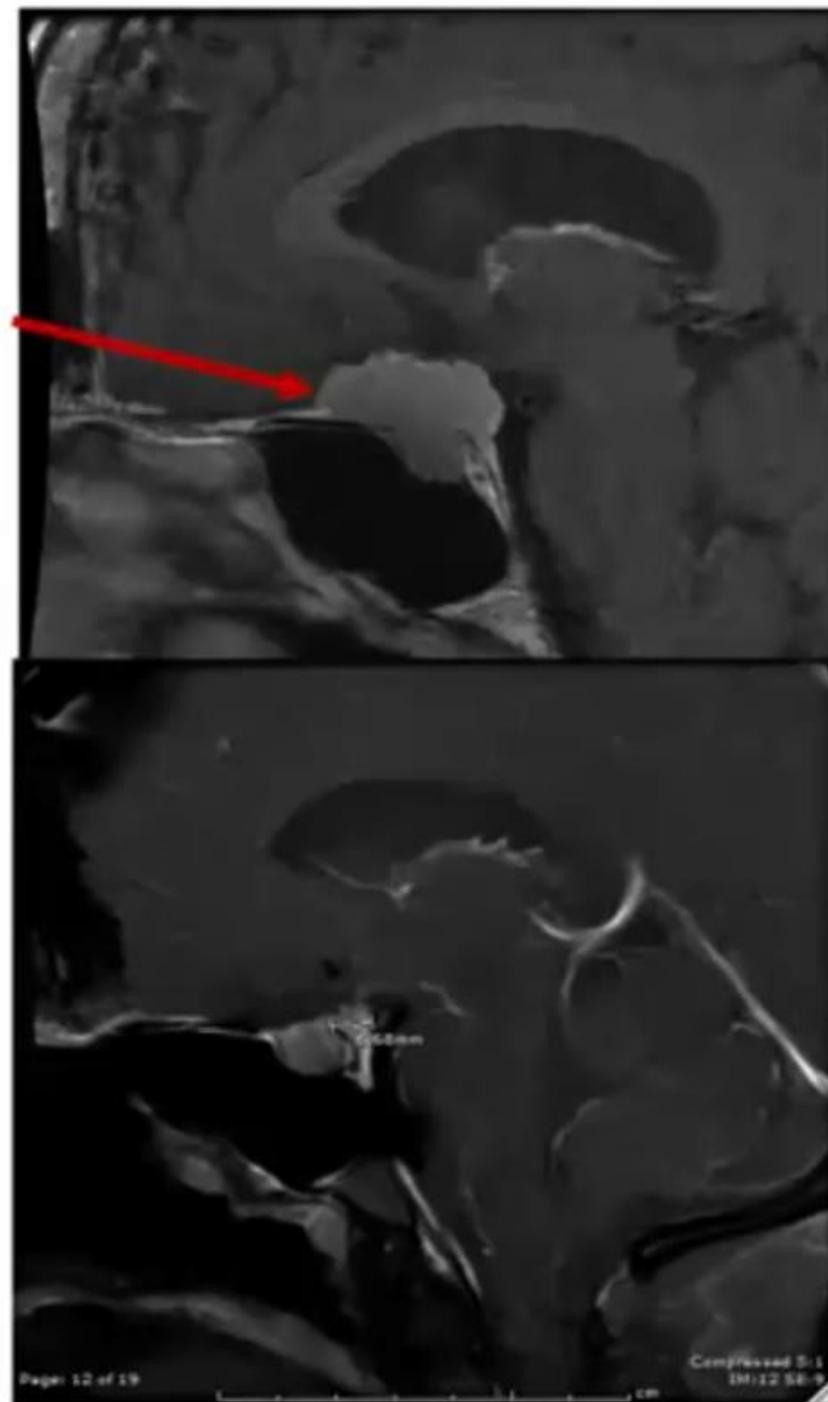
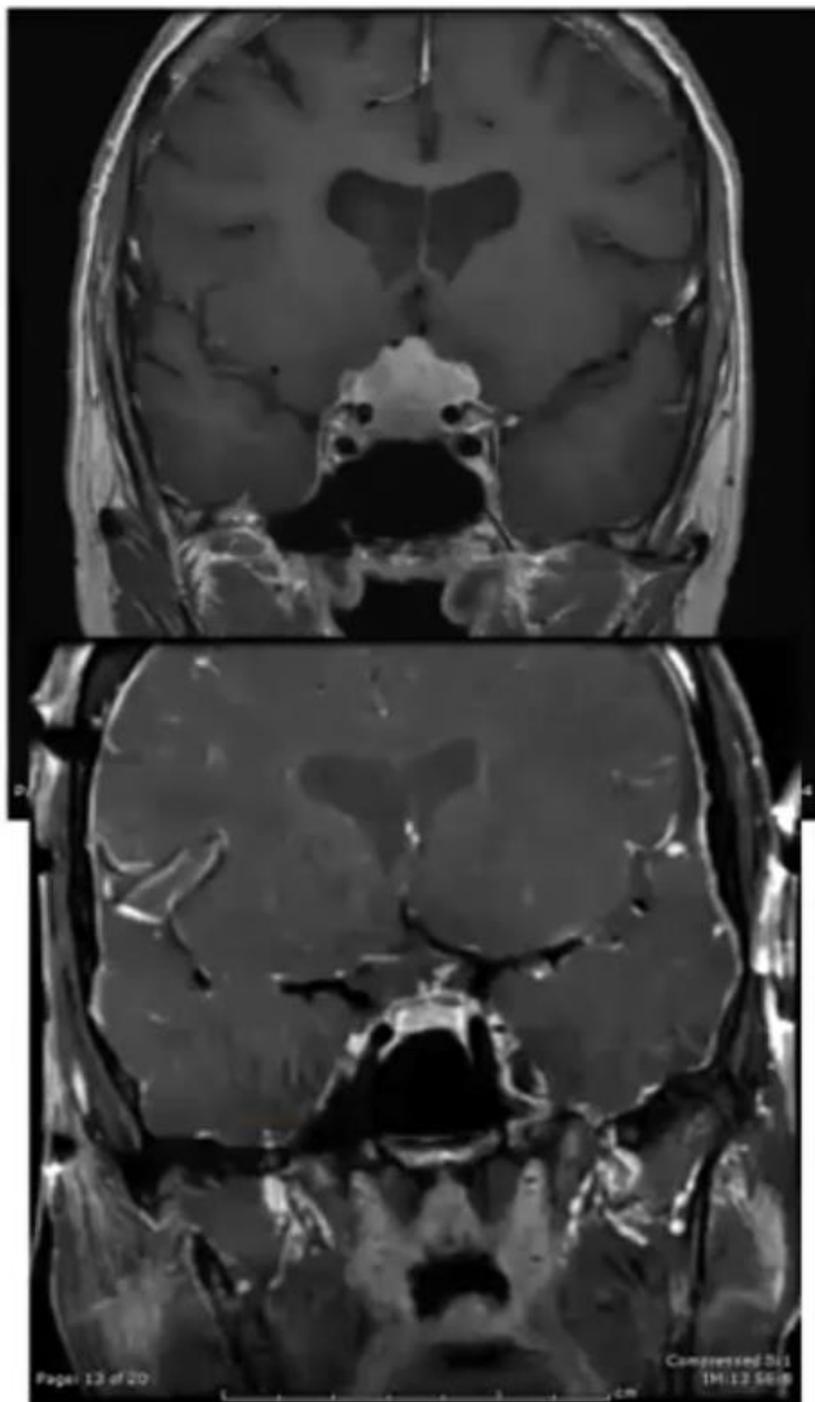
Ограничения супраорбитального минидоступа



Менингиомы площадки, бугорка и диафрагмы турецкого седла

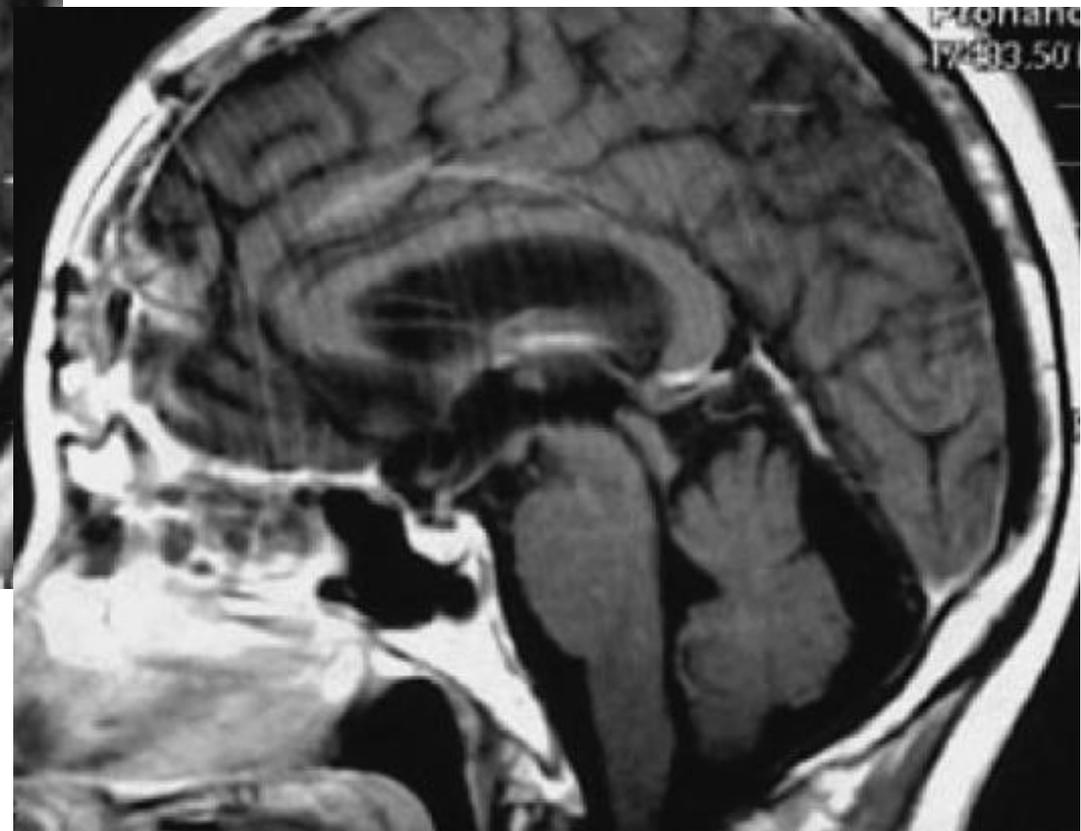
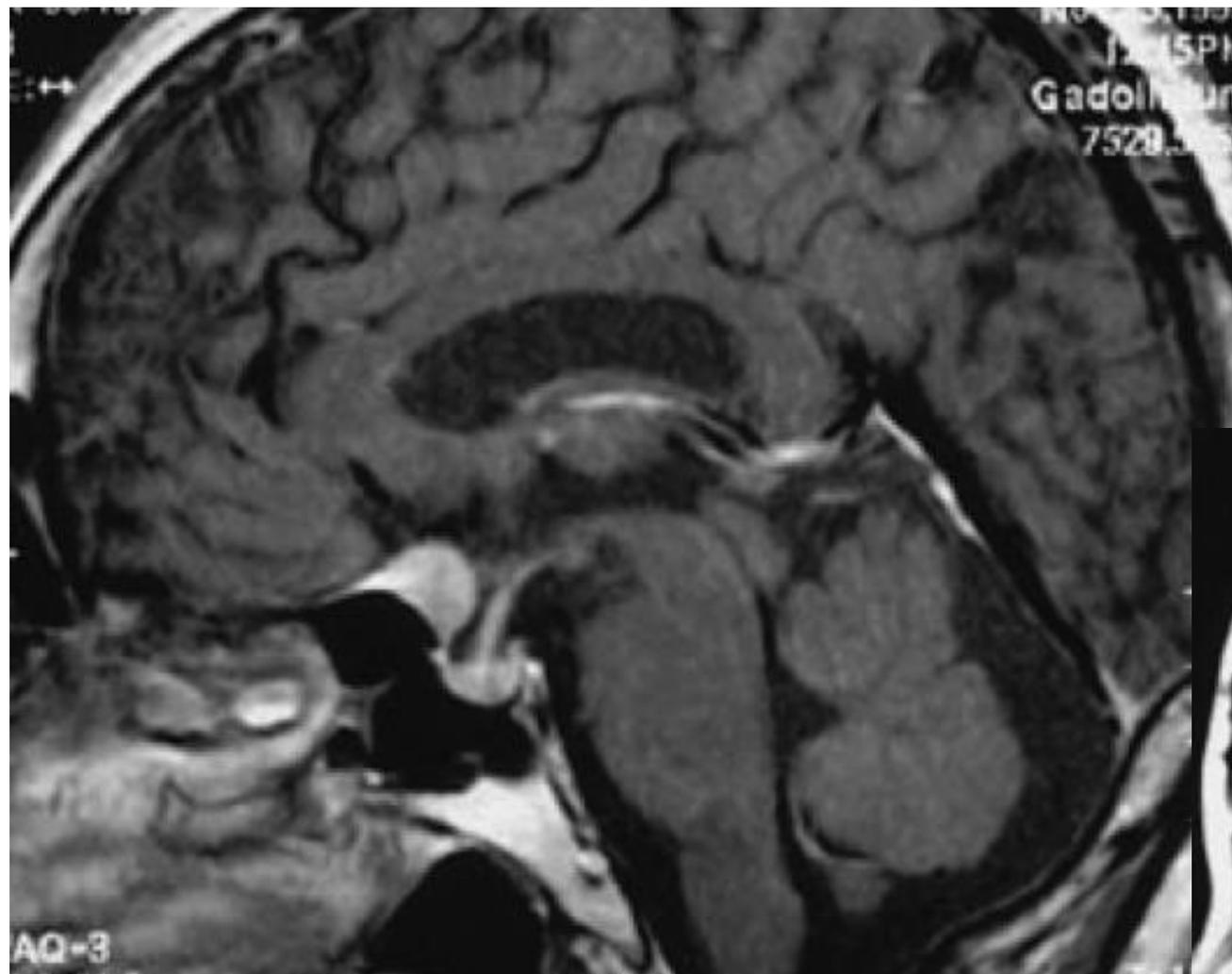




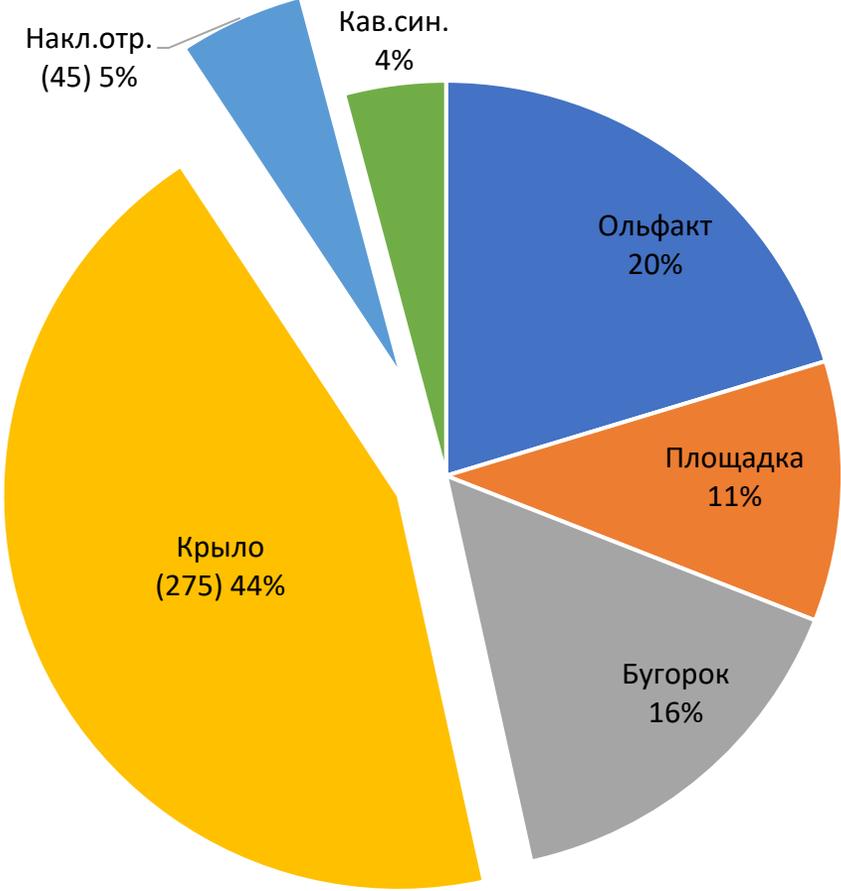
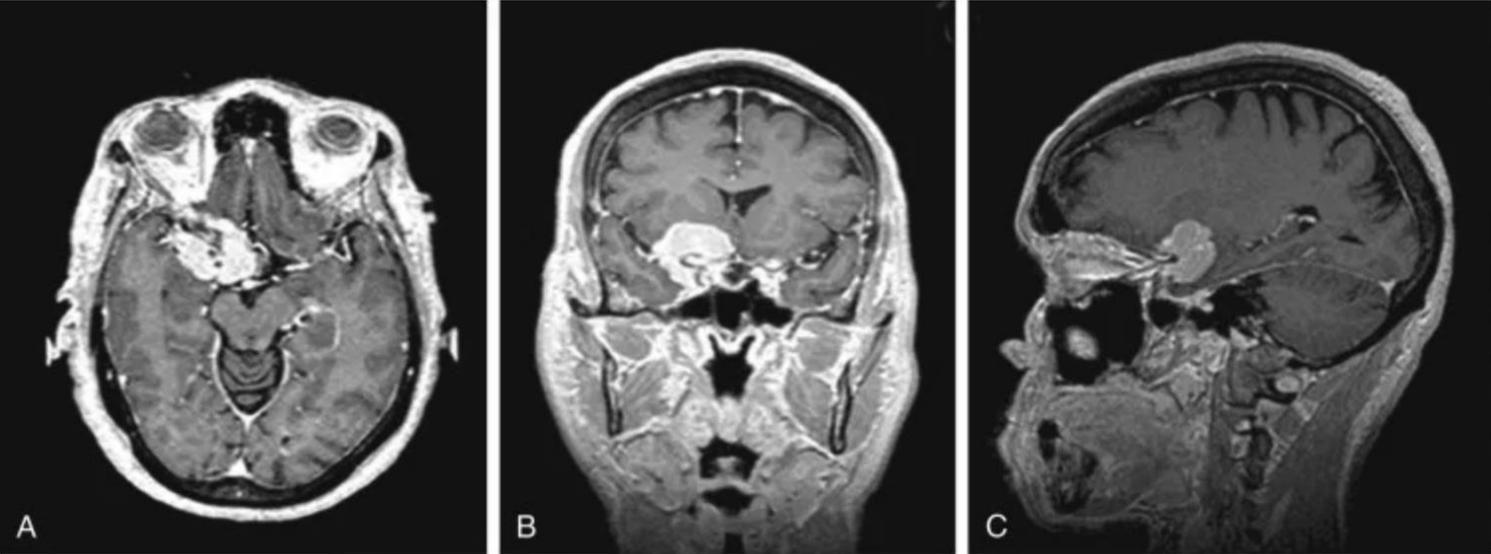
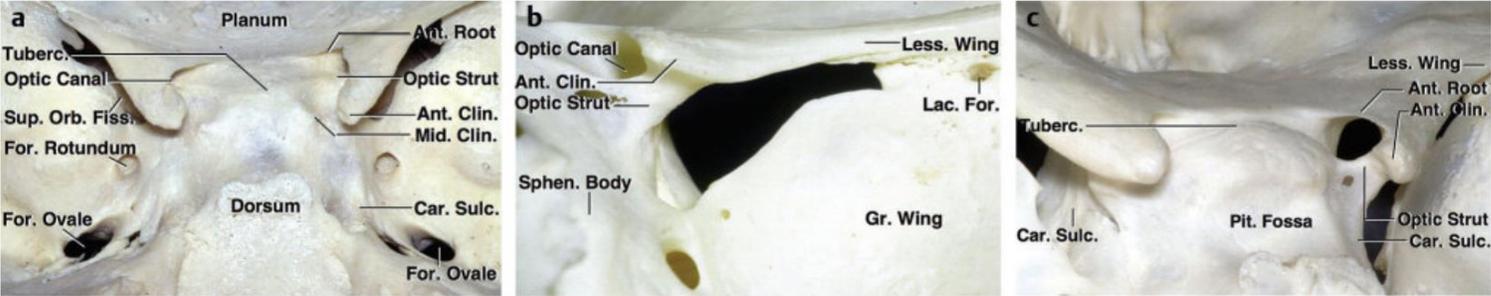


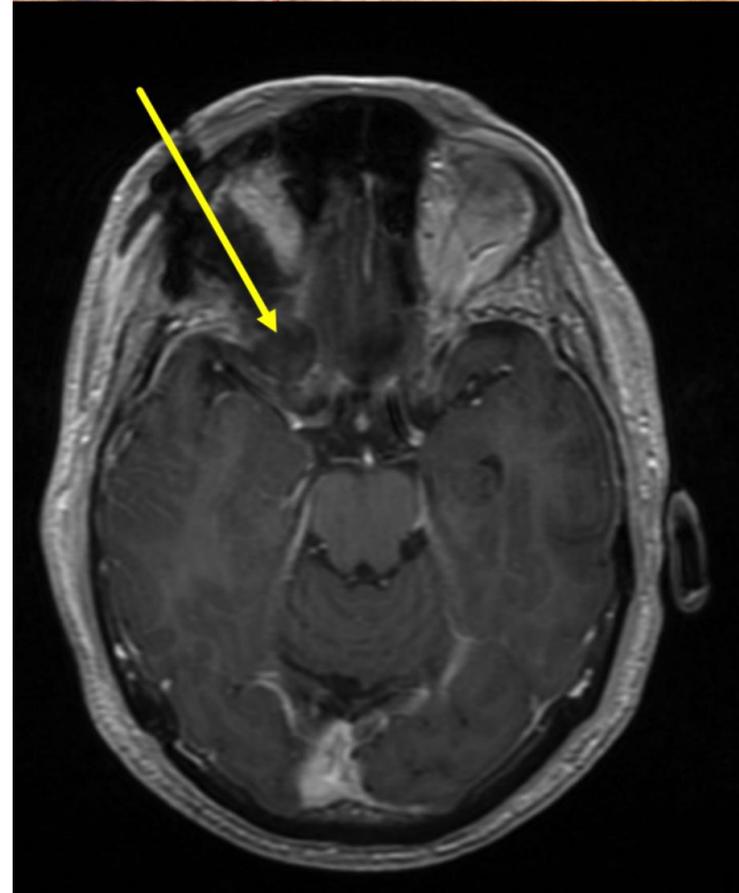
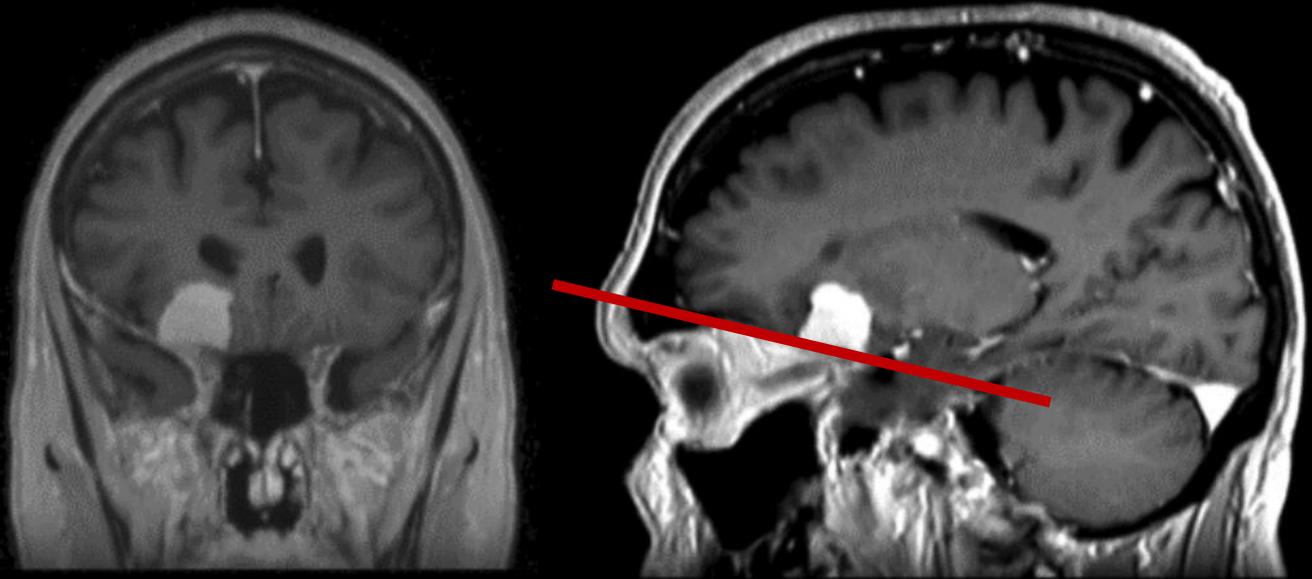
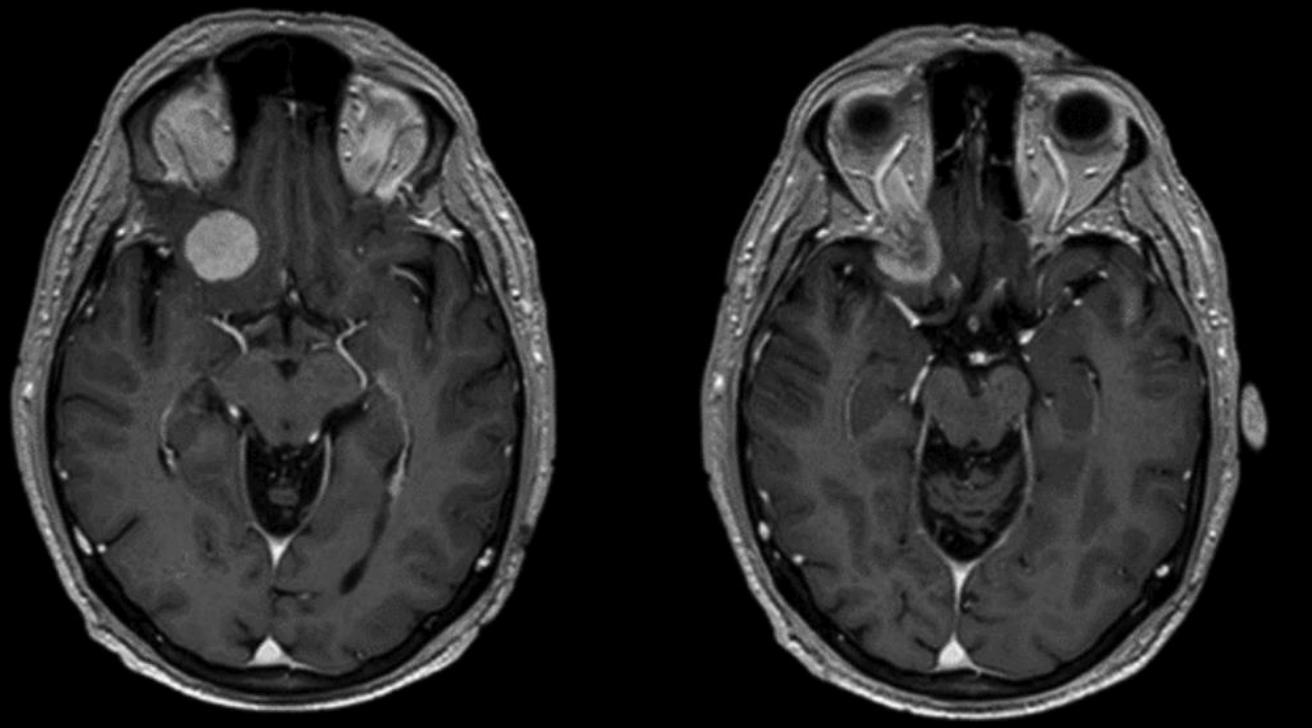


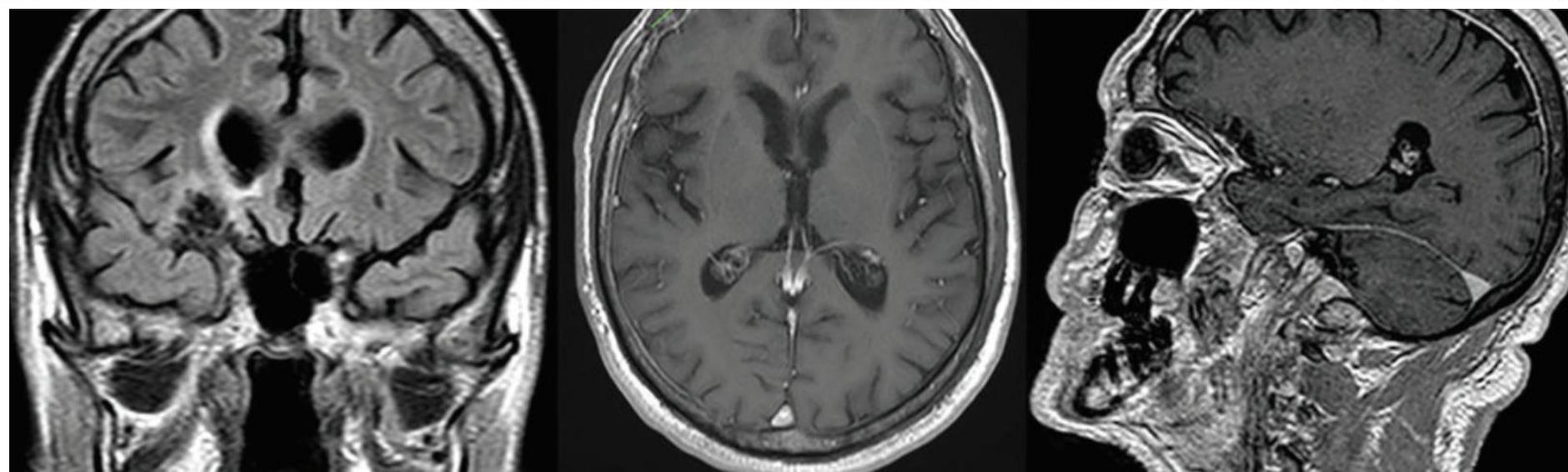
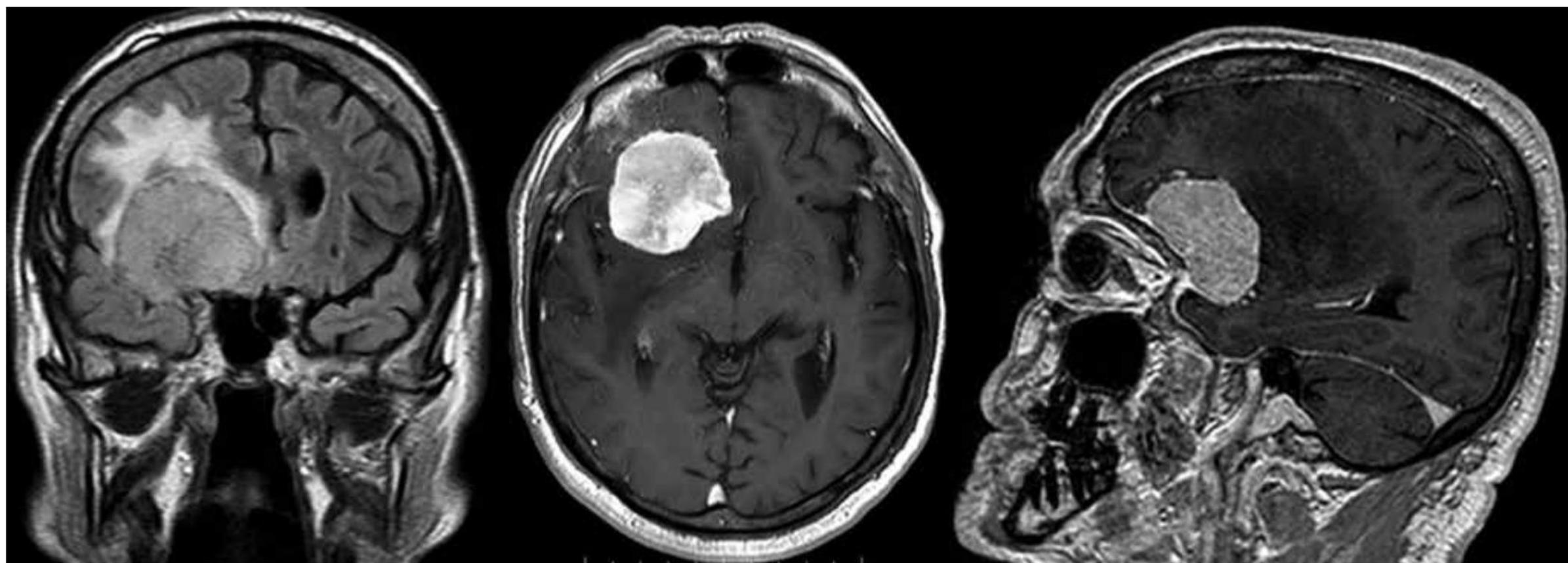
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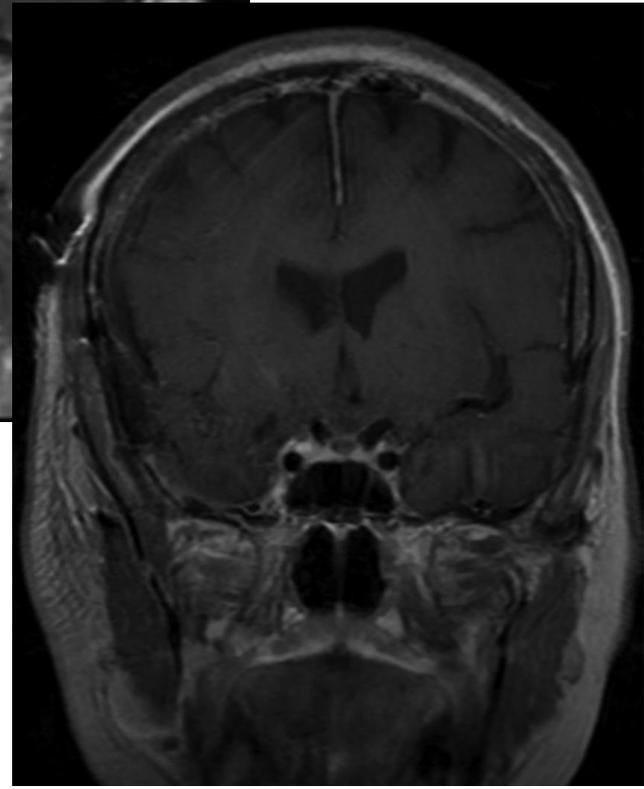
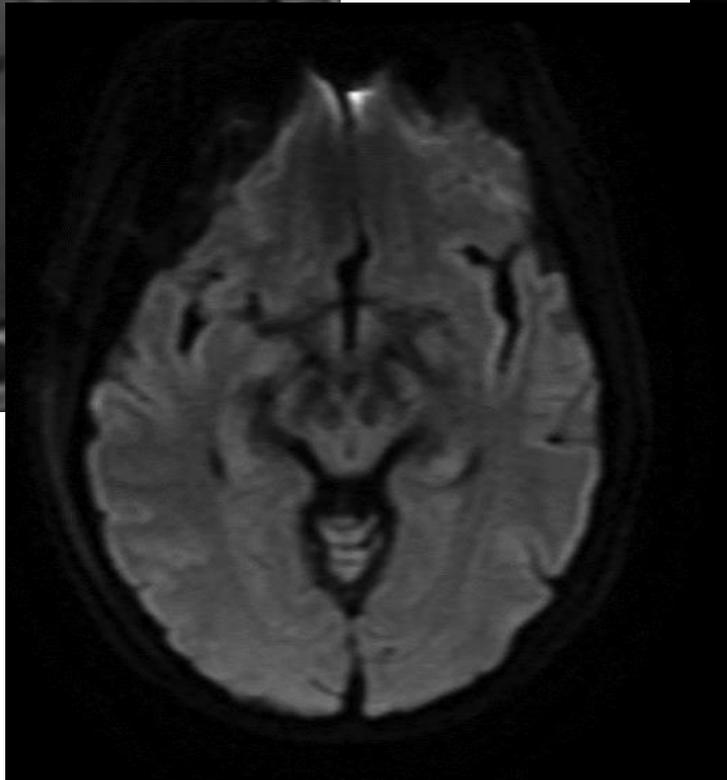
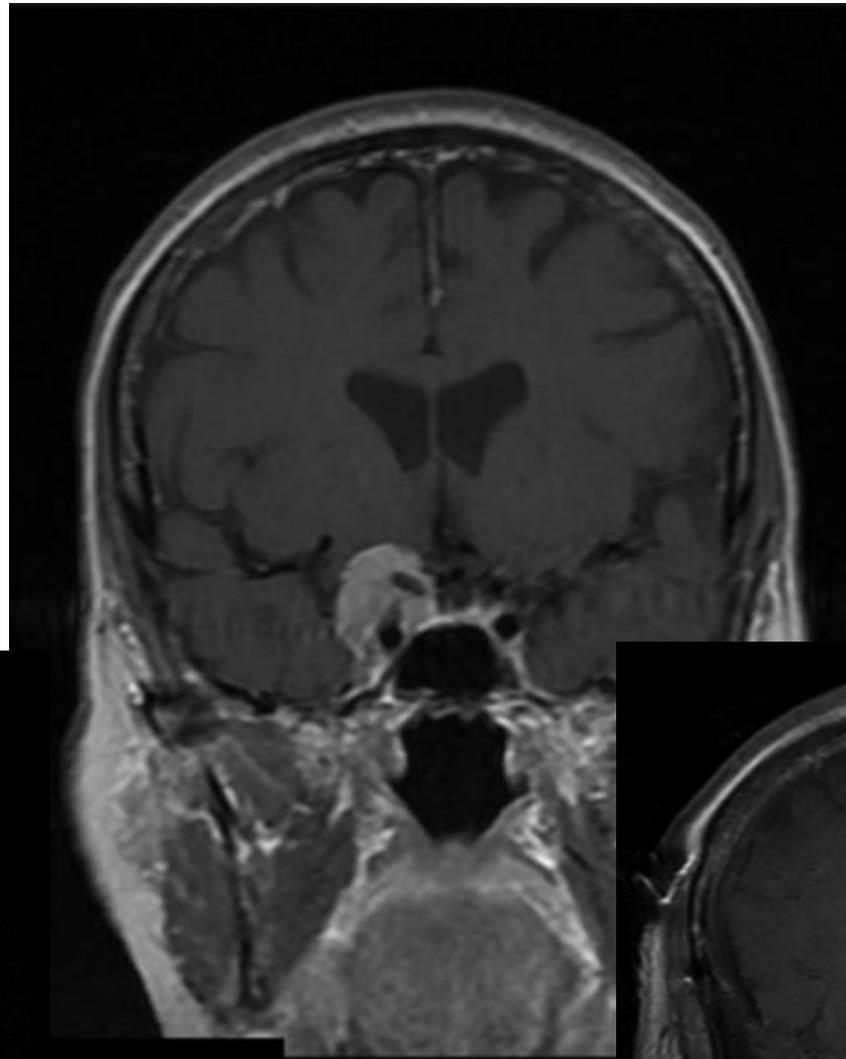
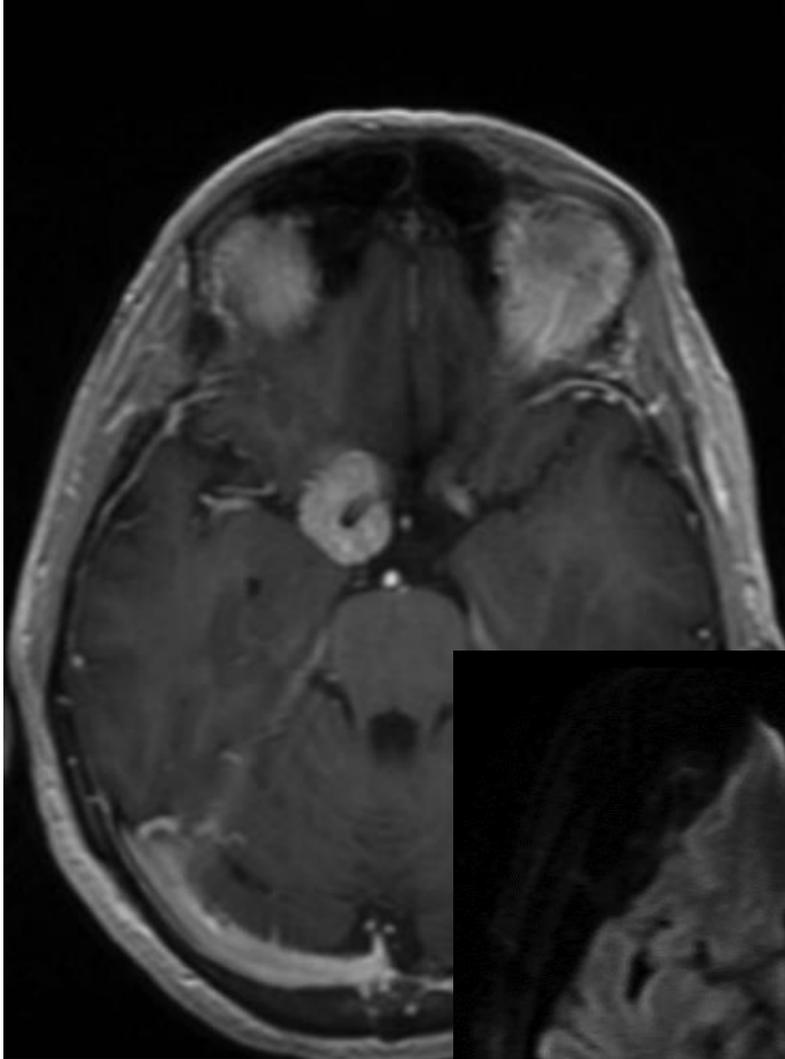


Менингиомы медиальных отделов крыла и переднего наклоненного отростка









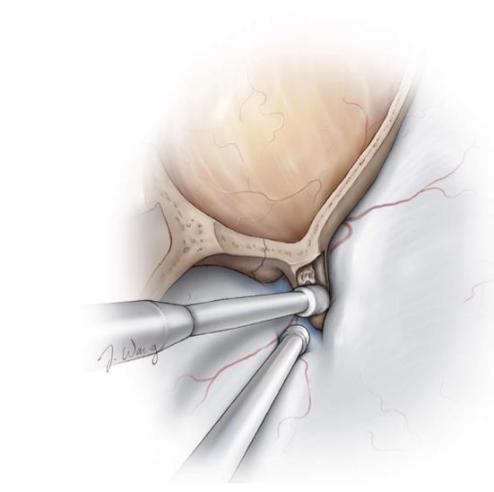
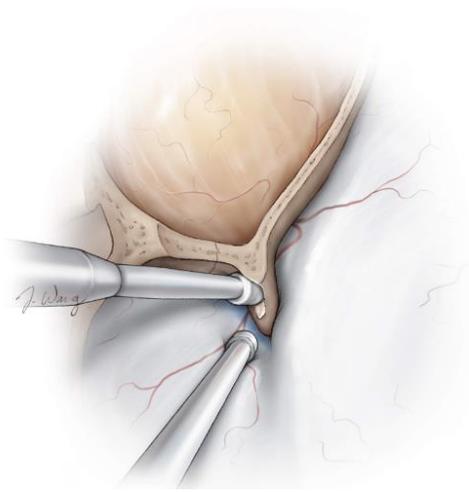
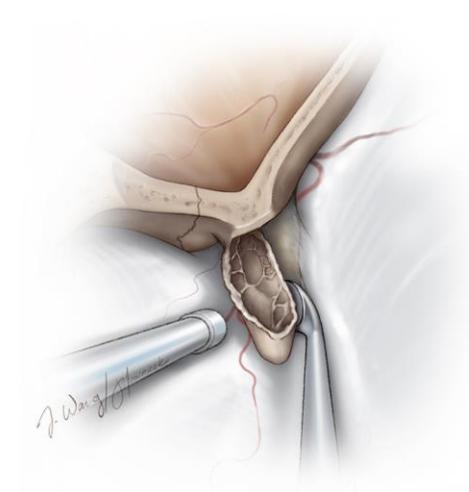
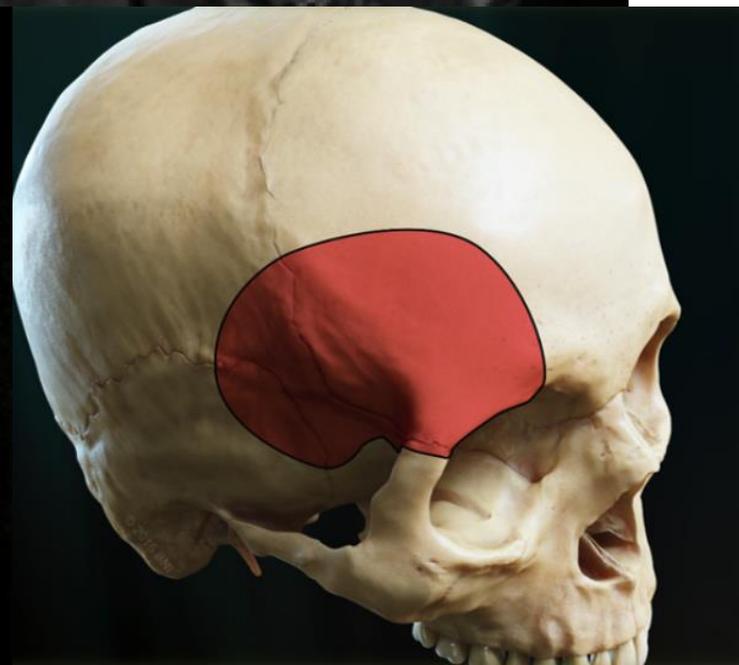
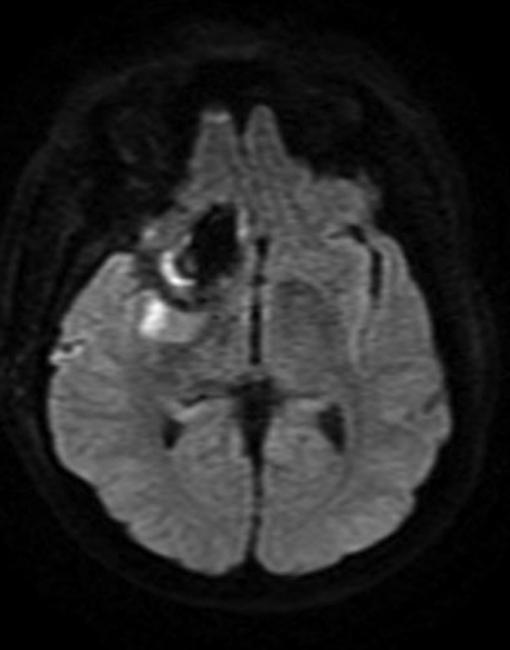
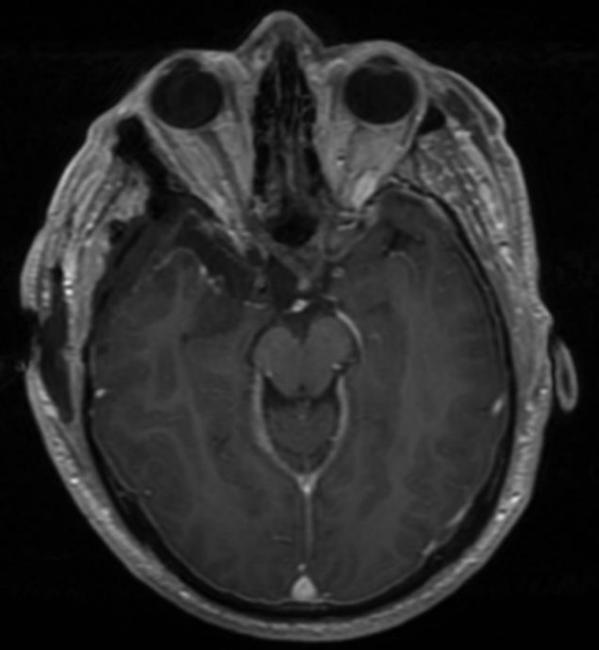
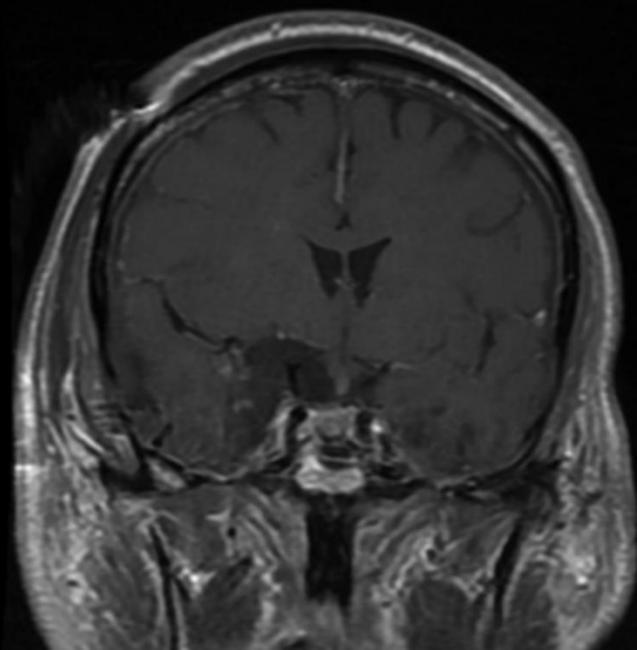
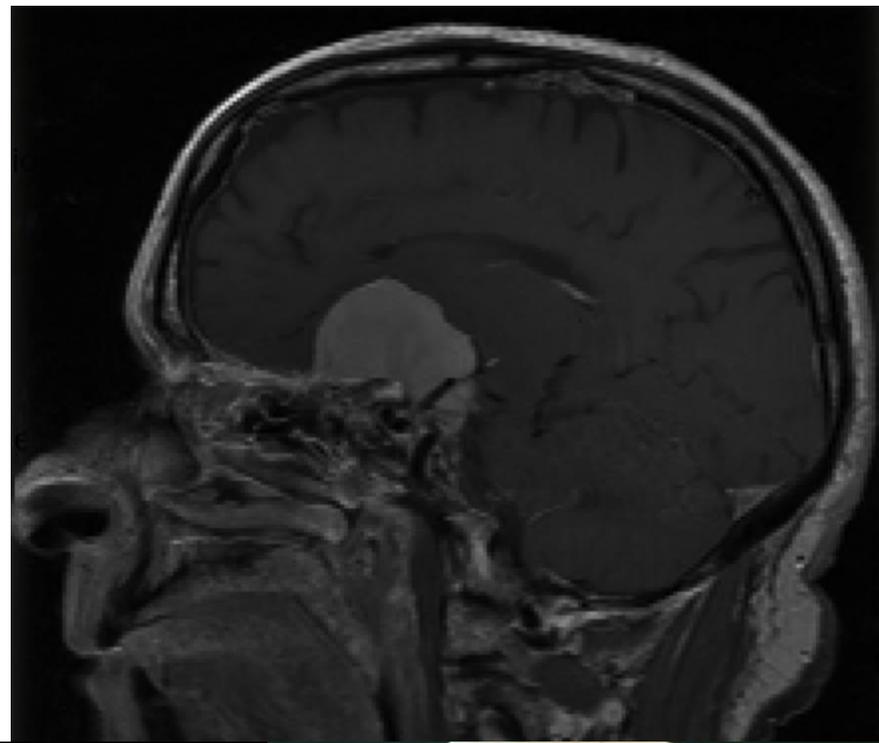
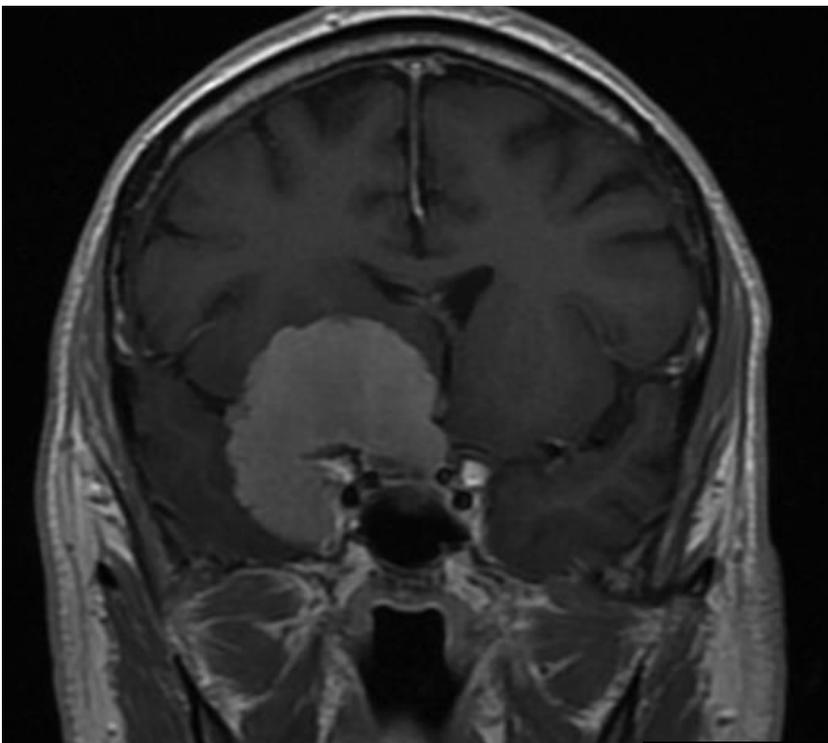
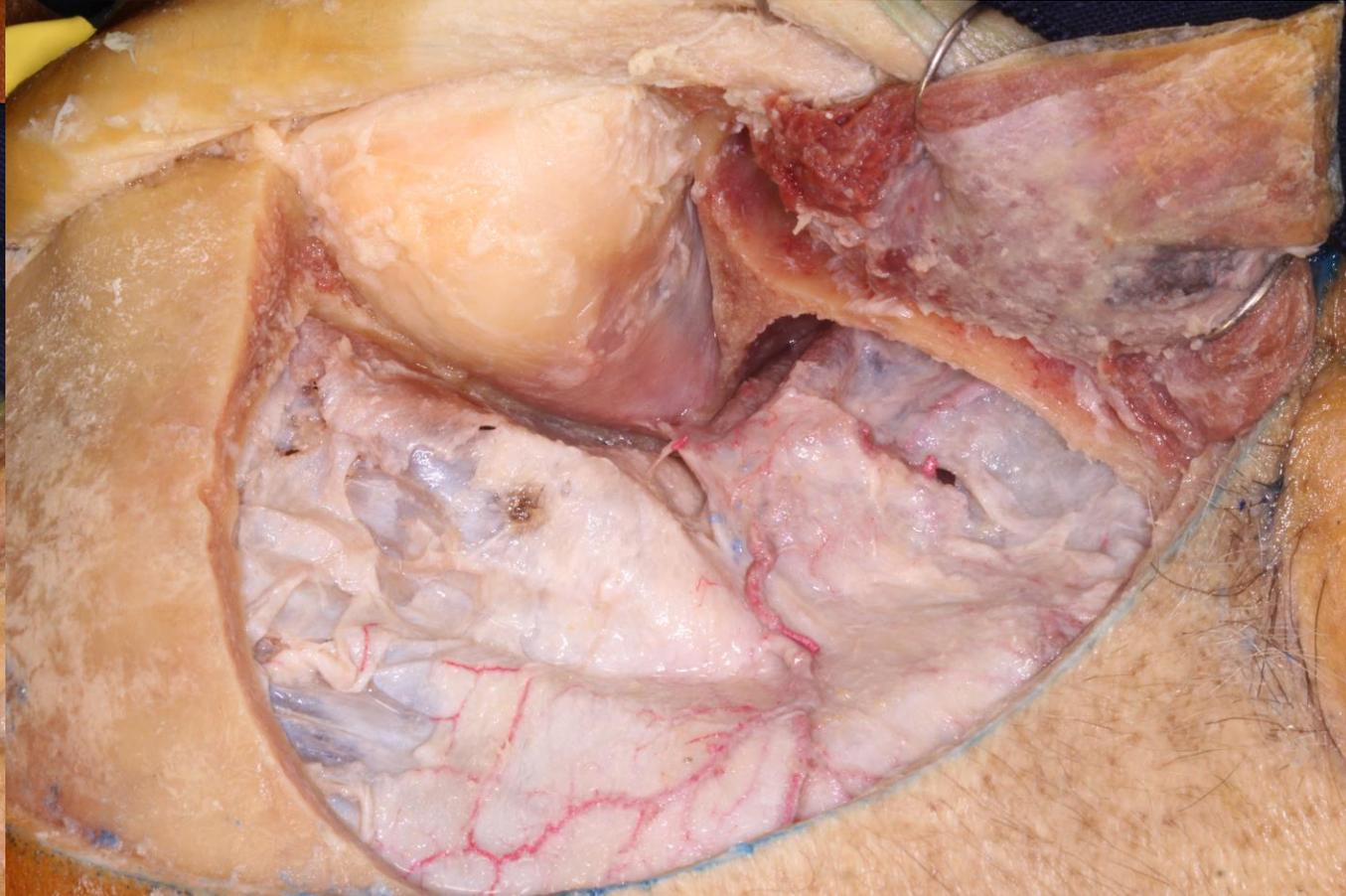
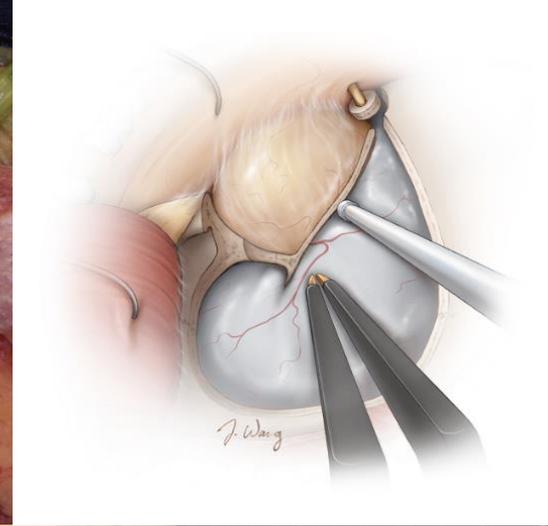
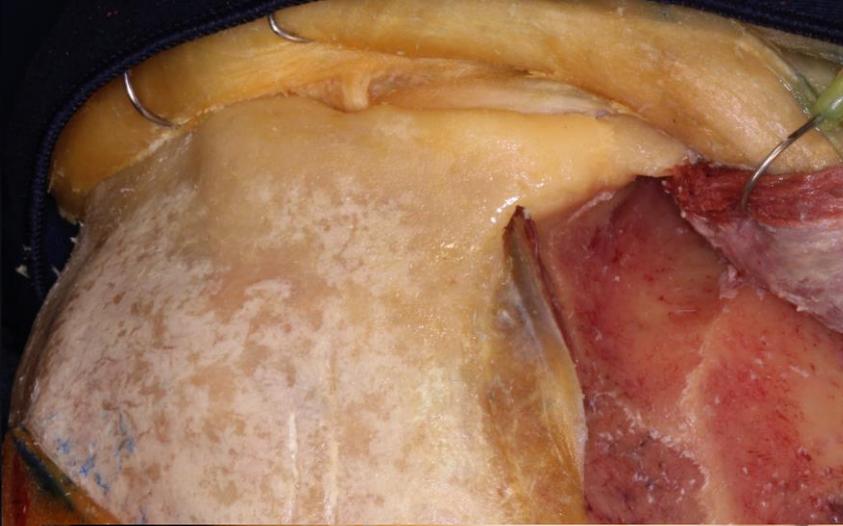


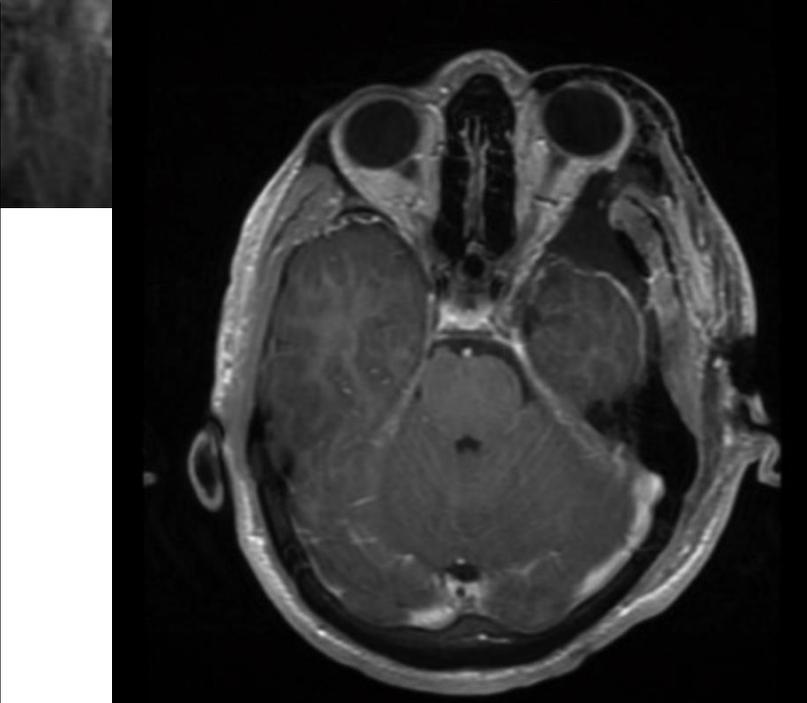
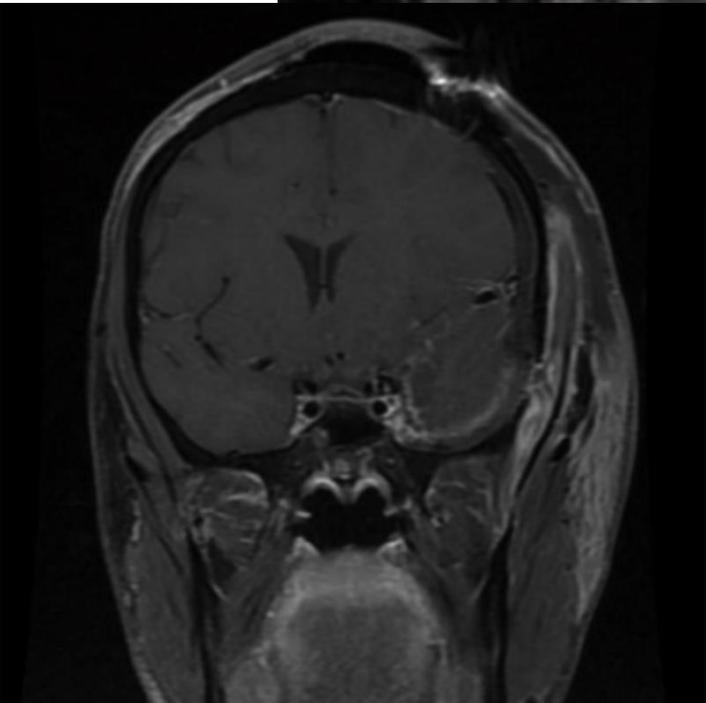
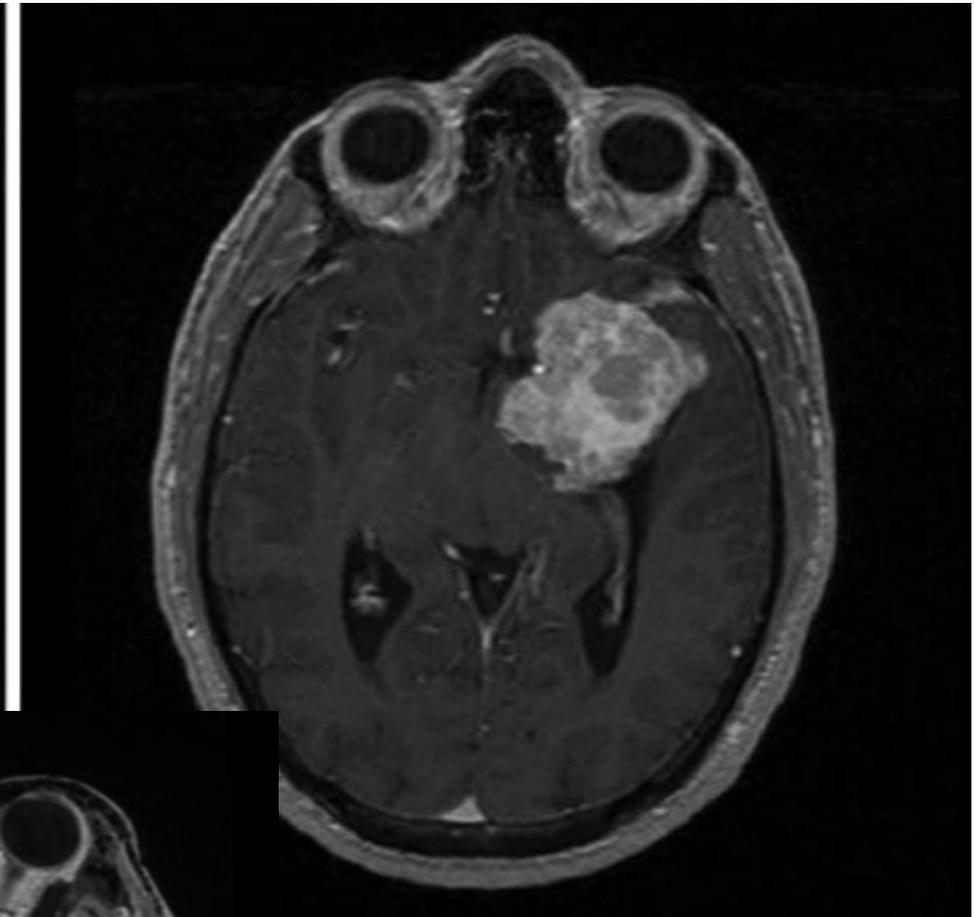
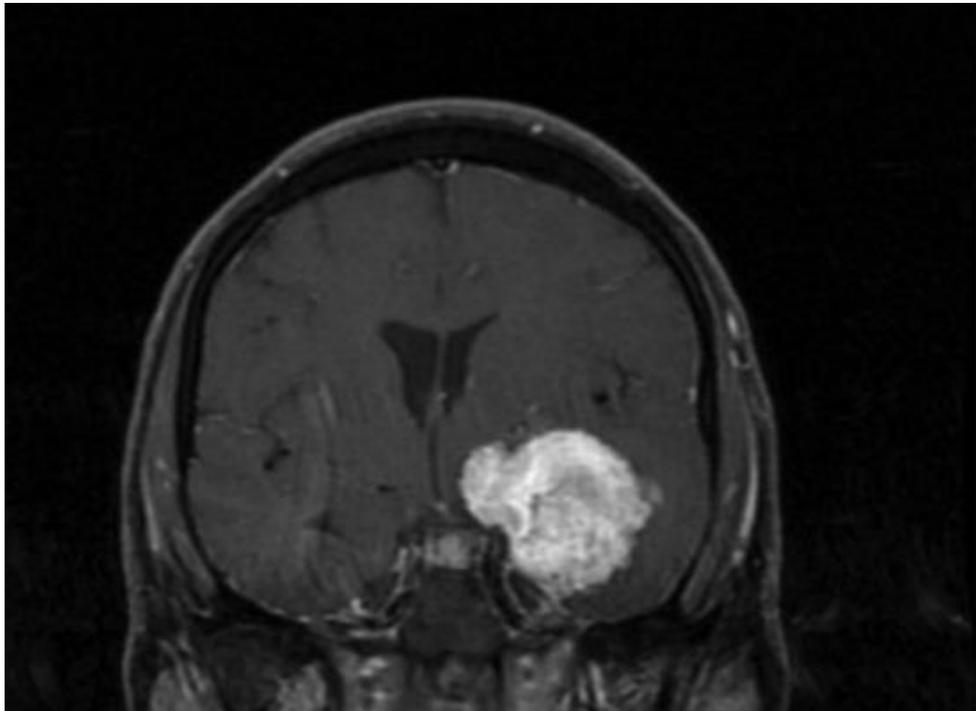
Table 1: Simpson Scale for Prediction of Meningioma Recurrence after Surgery

Simpson Grade	Completeness of Resection	10 yr Recurrence
I	Complete with associated dura and bone removal	9%
II	Complete with coagulation of dural attachment	19%
III	Complete without dural coagulation	29%
IV	Subtotal resection	40%

Simpson D. "The recurrence of intracranial meningiomas after surgical treatment." *J Neurol Neurosurg Psychiatry*. 1957 Feb; 20(1):22-39.

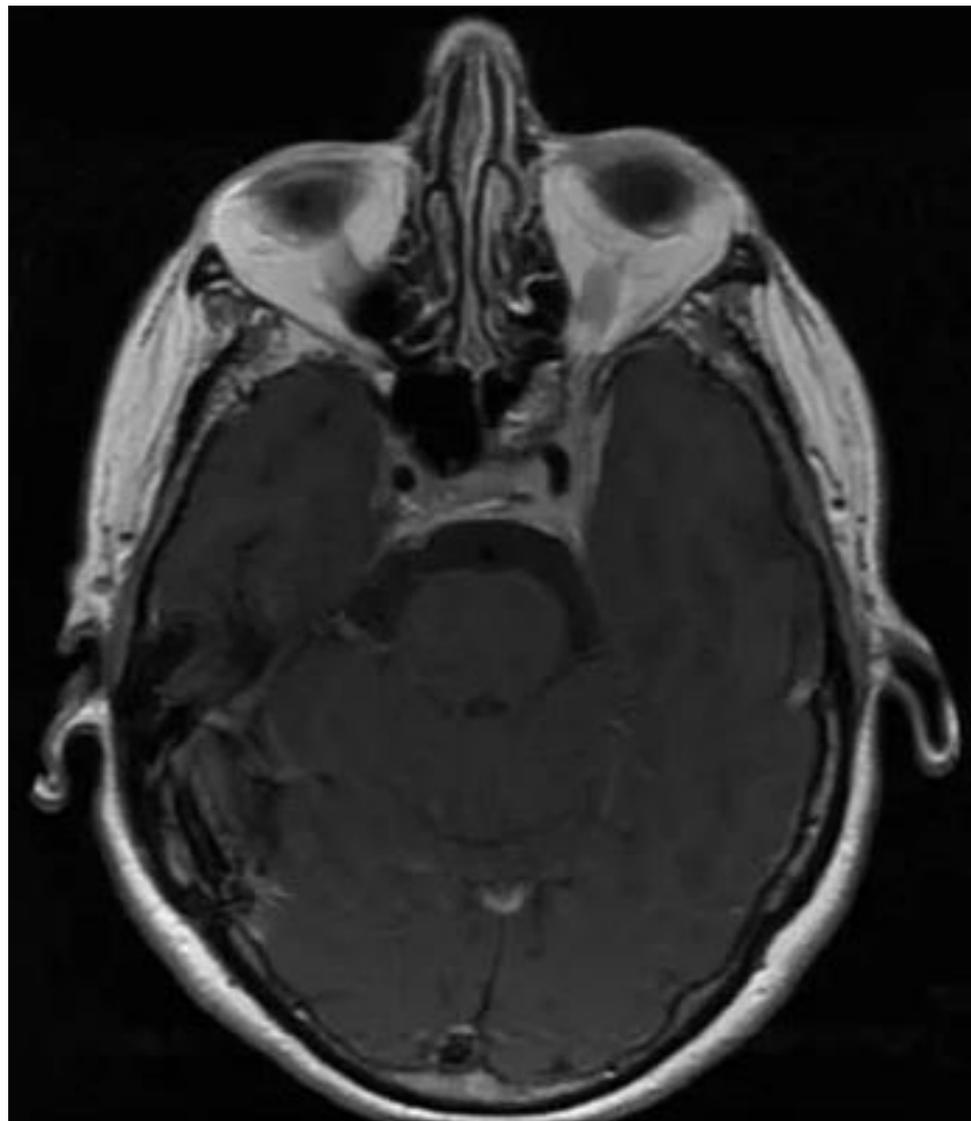


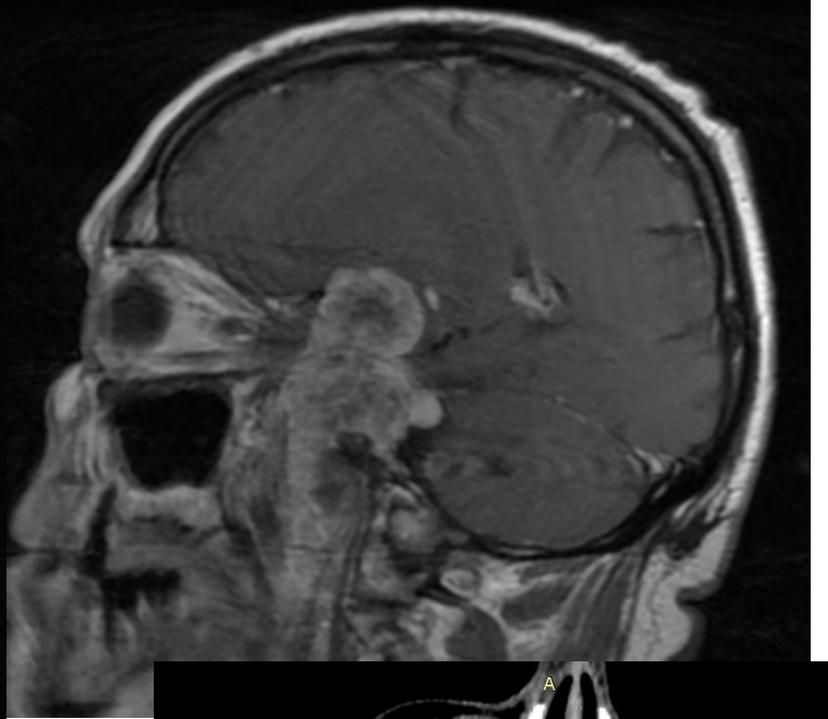
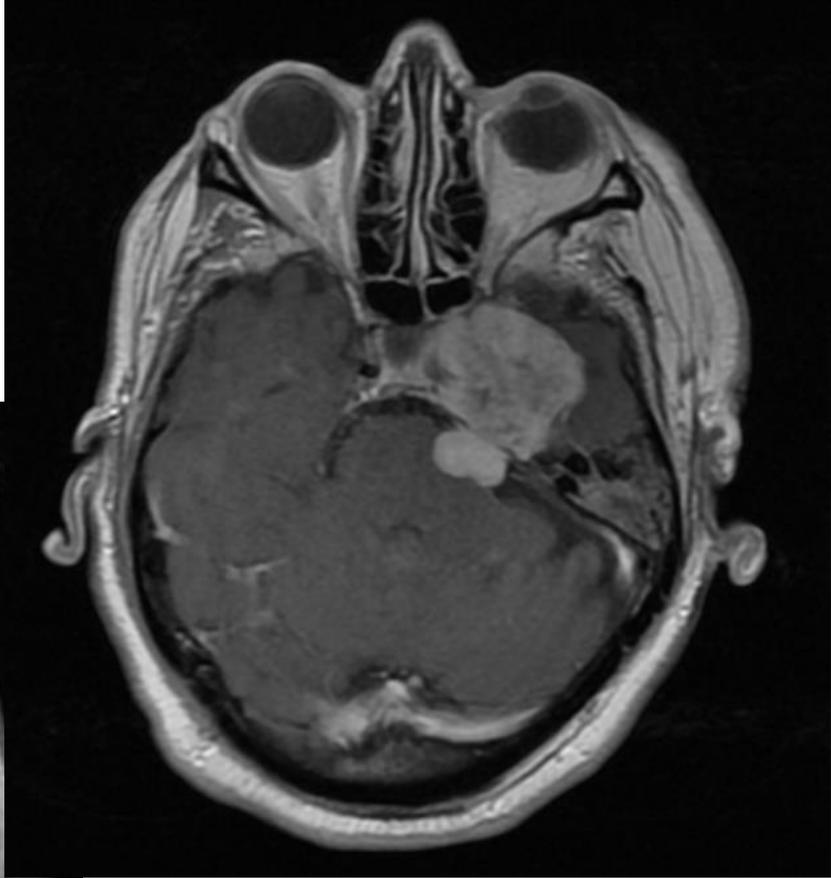
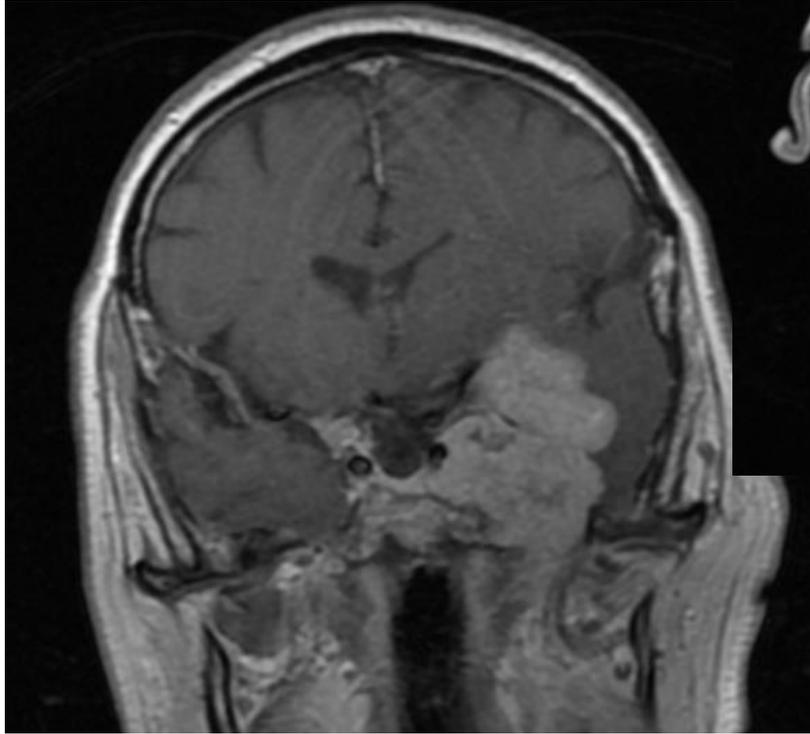


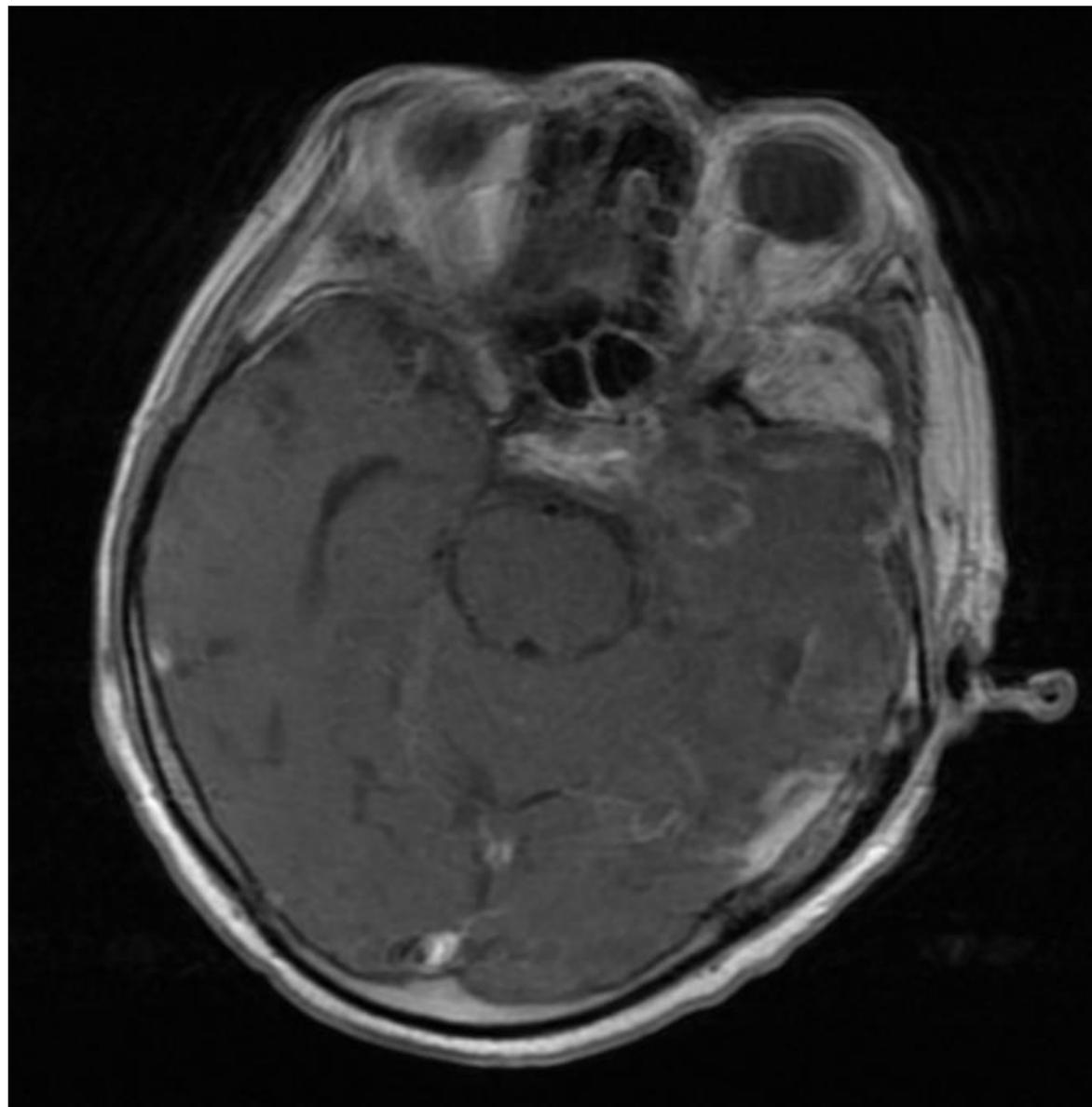
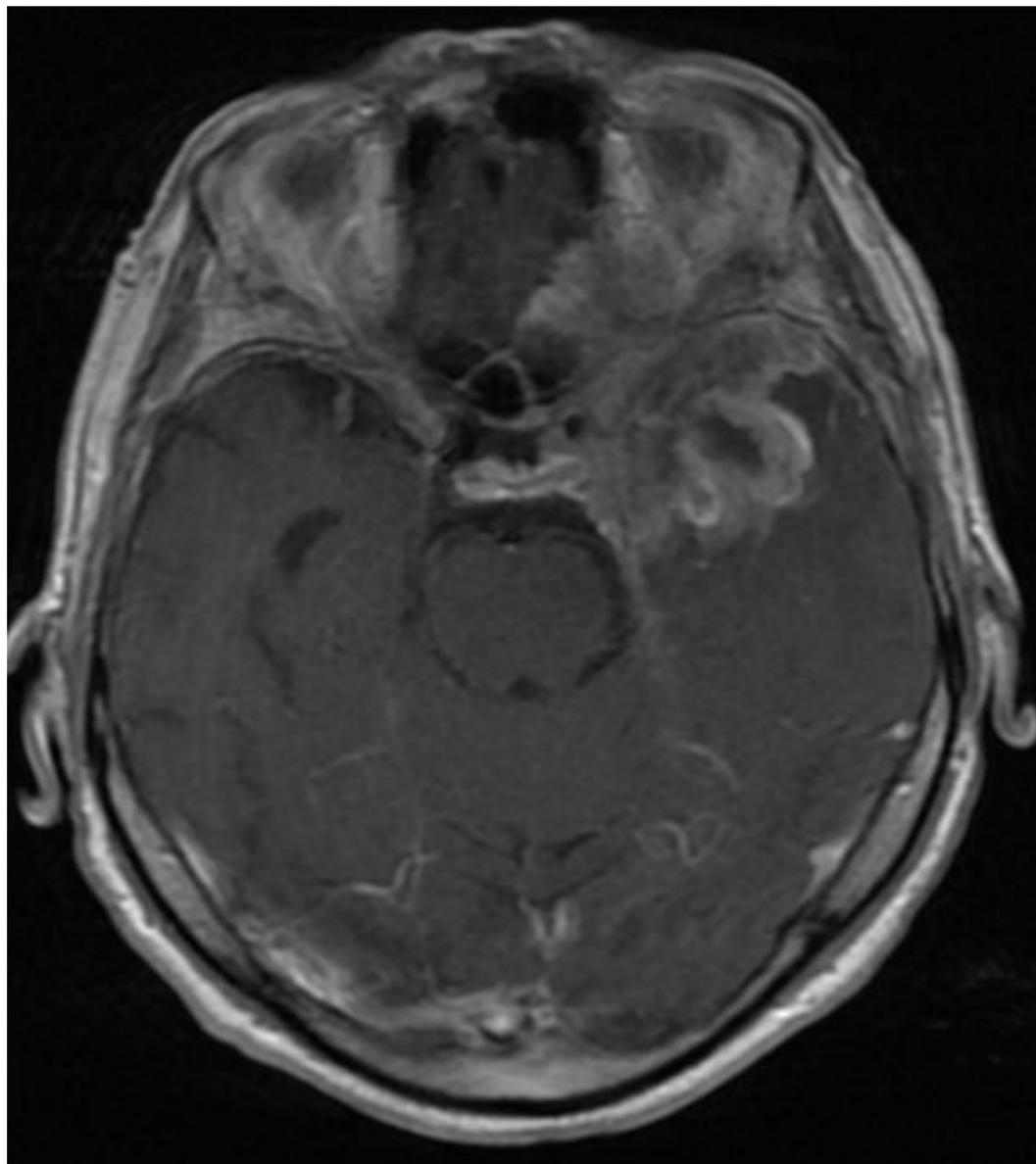


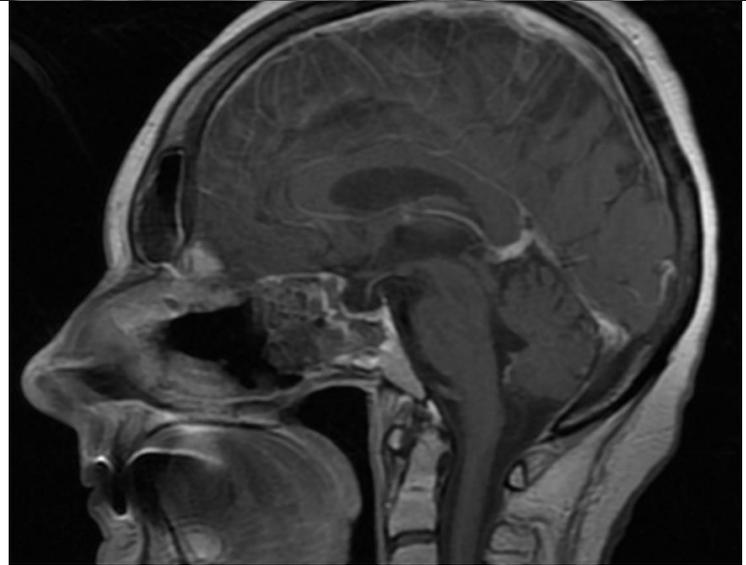
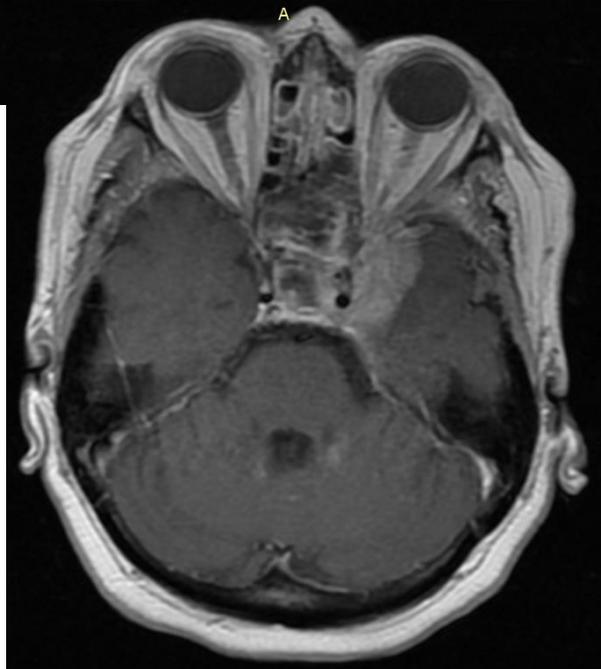
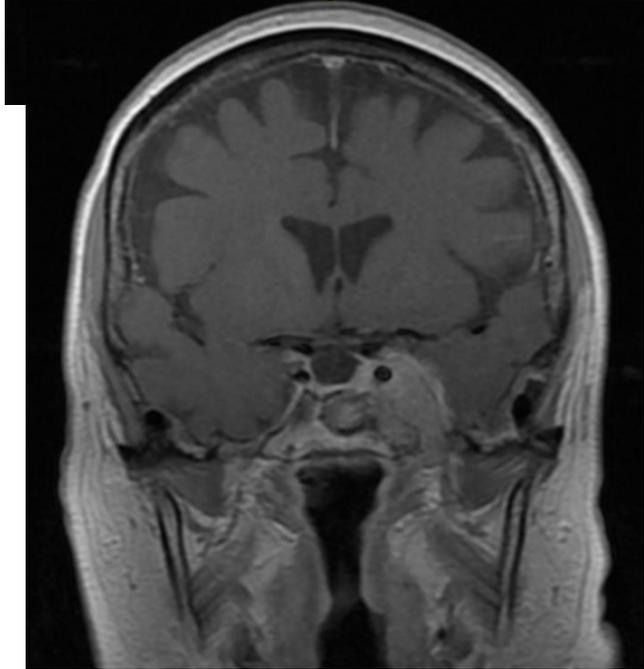
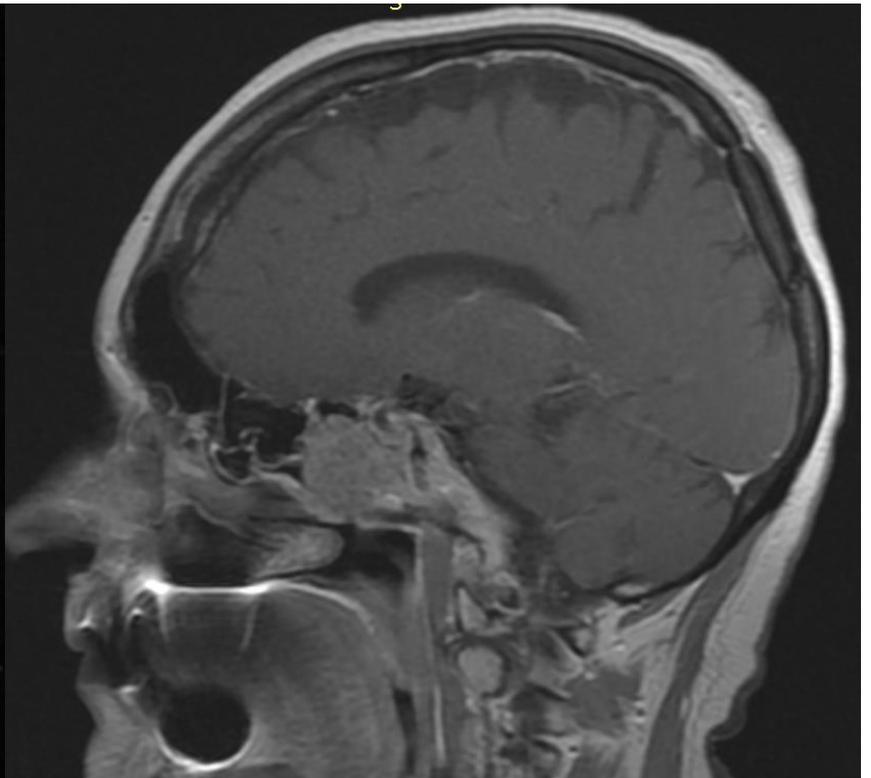
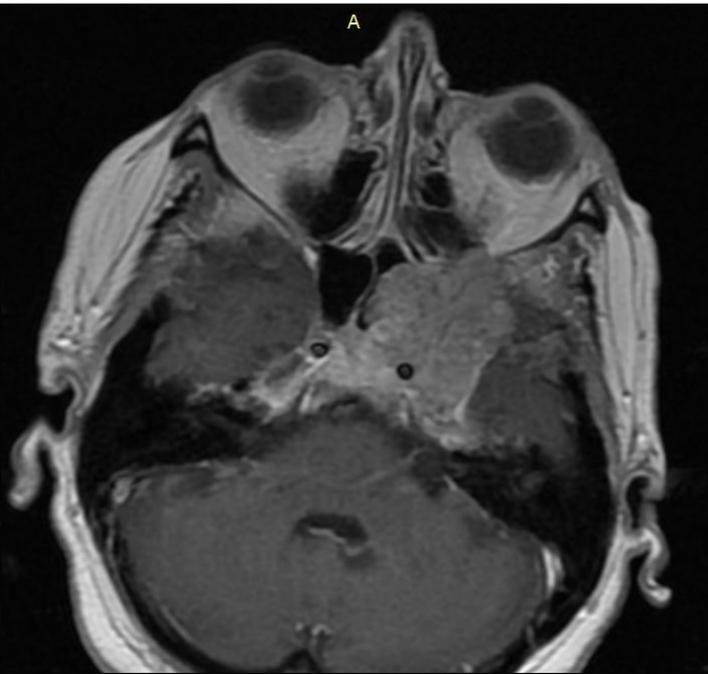
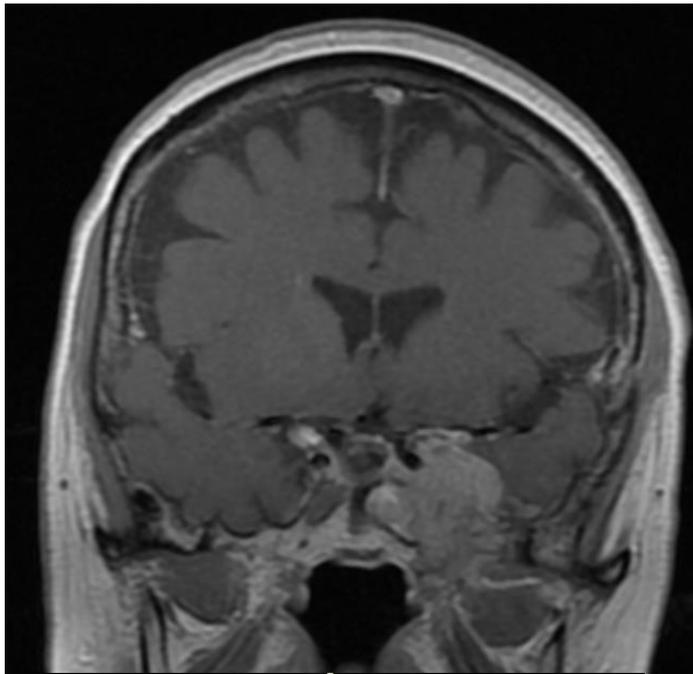
Опухоли кавернозного синуса

- N = 18









Спасибо за внимание!

