

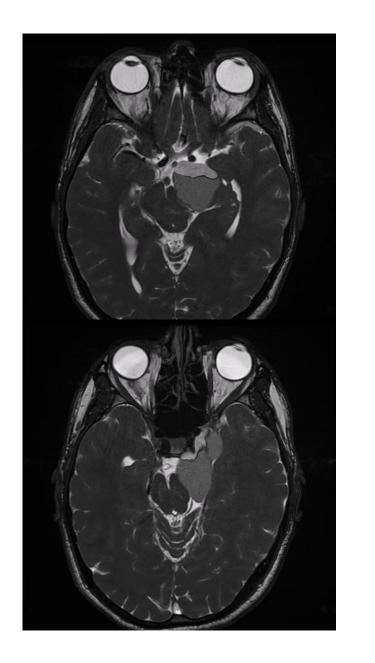
Cystic Lesion Treated via Endonasal Endoscopic Approach

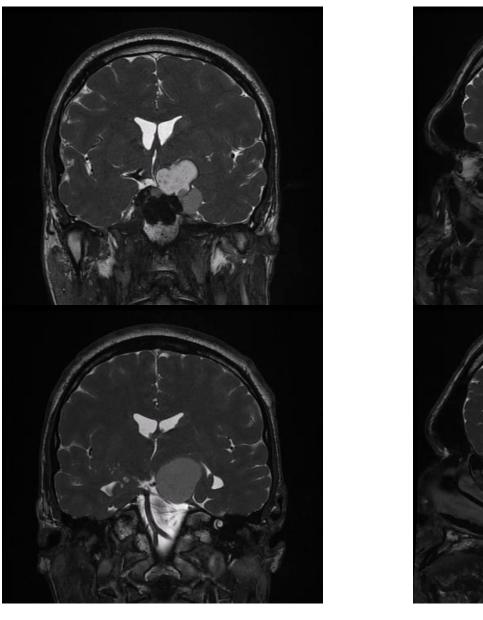
^{1,2}Bakhtiyar Pashaev, M.D., ^{1,2}Arseniy Pichugin, M.D., ^{3,1}Gulnar Vagapova, M.D., ¹Interregional Clinical Diagnostic Center, ²Kazan State Medical University, ³Kazan State Medical Academy, Kazan, Russian Federation

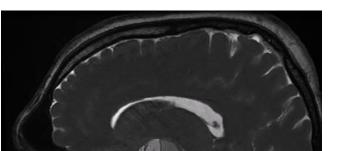
Case presentation

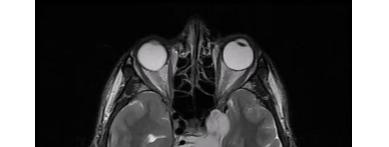
- A 24-years old male with a 1-year history of the left side headache and left eyeball pain
- Clinical presentation with a left side CN III palsy
- No other

Pre Operative MRI

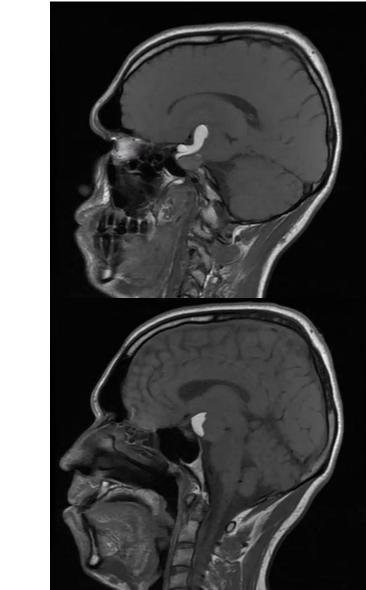






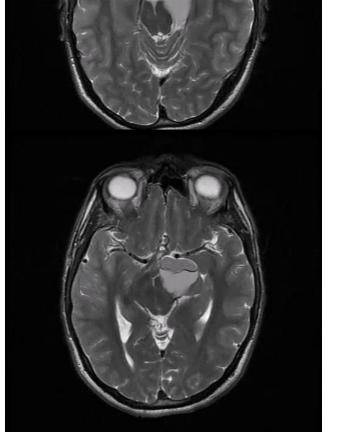




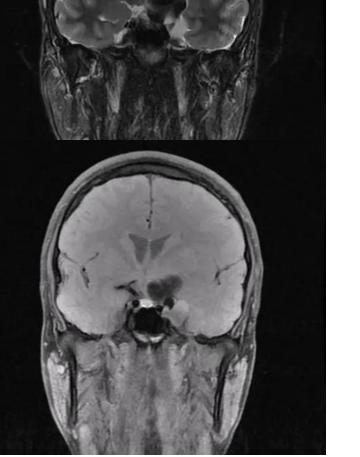




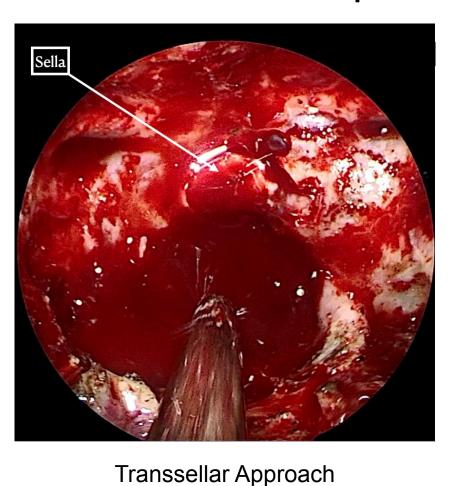




eft CS

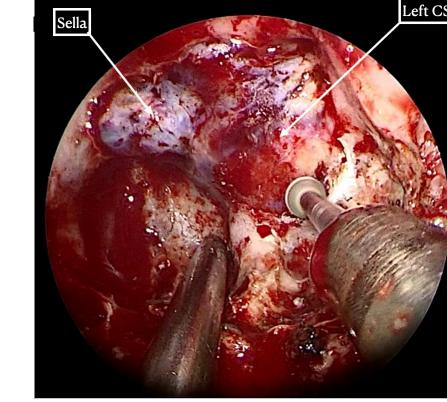


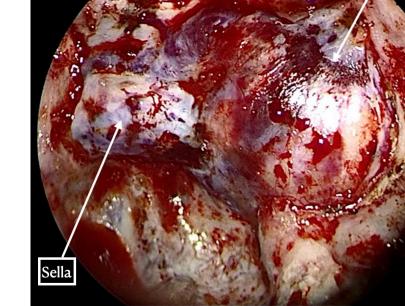
Intraoperative Pictures

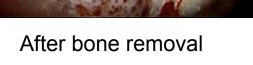


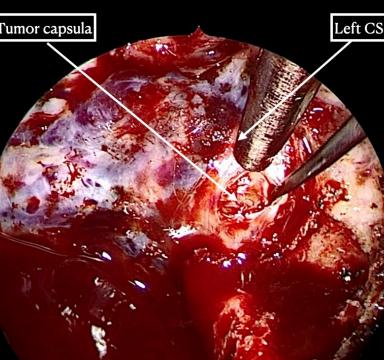
anum Sphenoidal

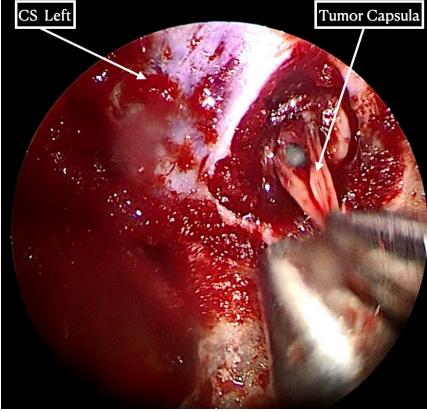
Transplanum Approach





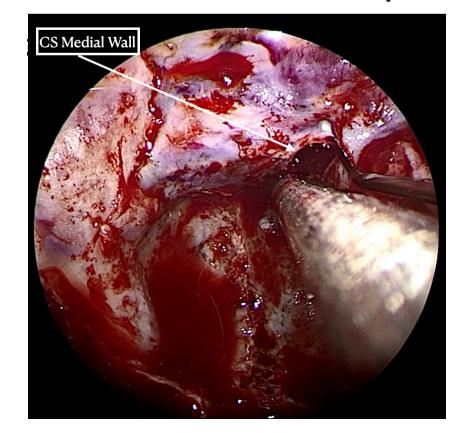






Removing Tumor Capsula Lateral to the Left ICA

Intraoperative Pictures





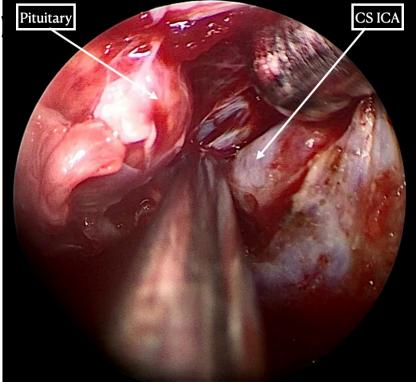










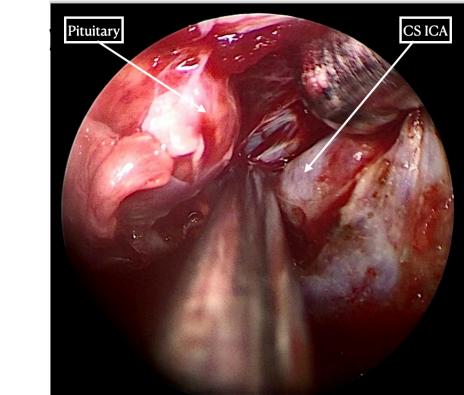


Unroofing anterior wall of the CS (left side)

Upper Clivus

Opening Dura Lateral to ICA, (left side)

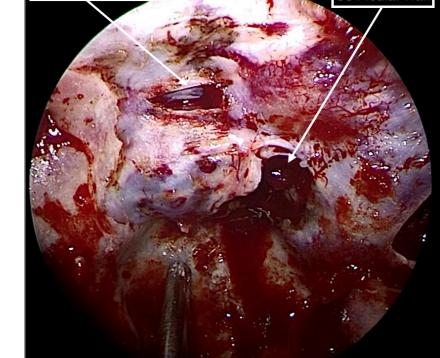


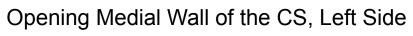


Intraoperative Pictures

bus Sphe

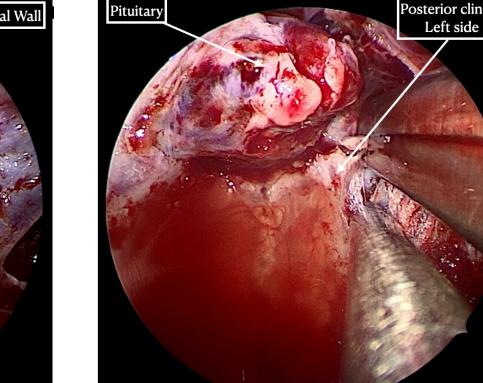
Intraoperative Pictures



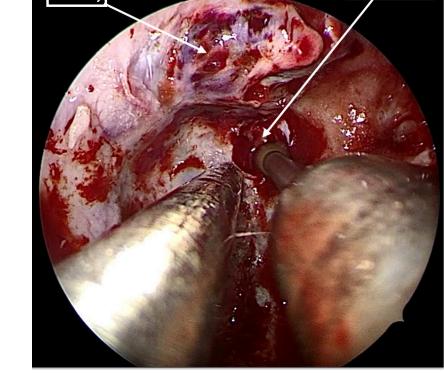


After opening Dura

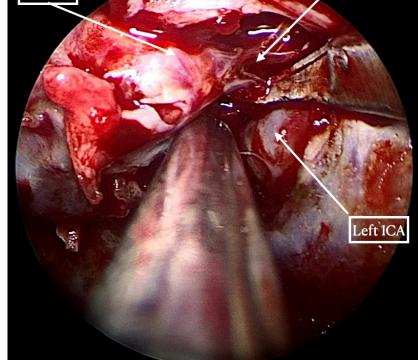
Intraoperative Pictures



Removing Posterior Clinoid (left side)



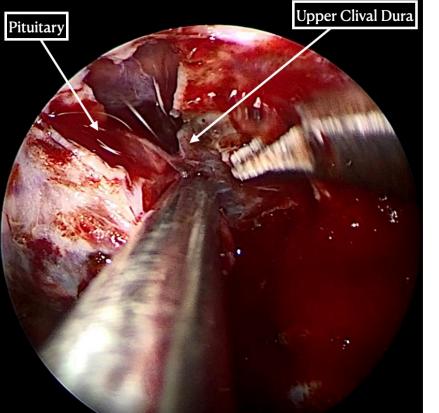
Drilling Upper Clival (left side)



Transcavernous Approach (left side)

Transcavernous Approach (left side)

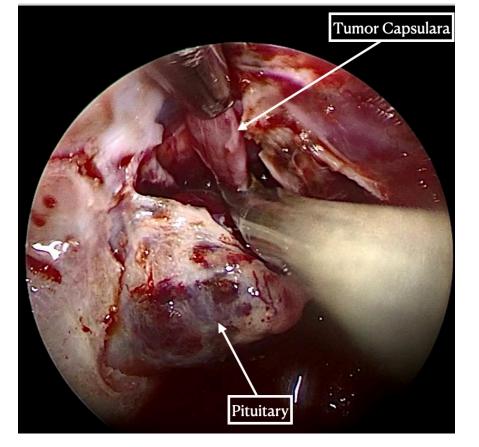
Intraoperative Pictures



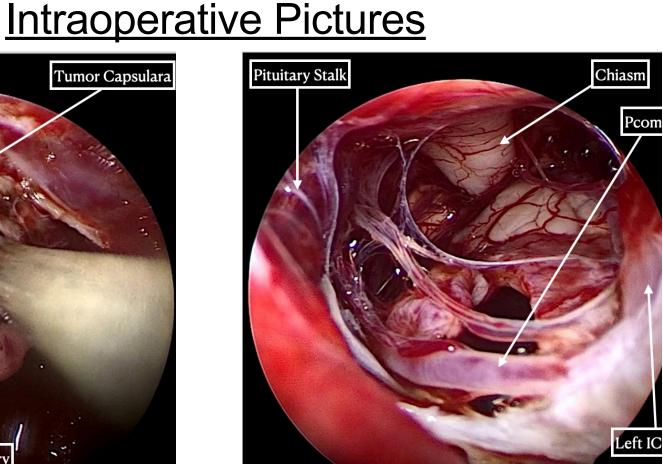
Hemihypophys Transpisition (left side)

Pituitary Tumor Capsulara

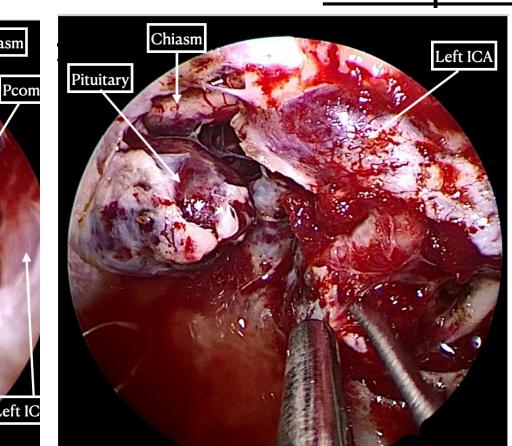
Opening Tumor Capsula



Tumor Capsula Removal



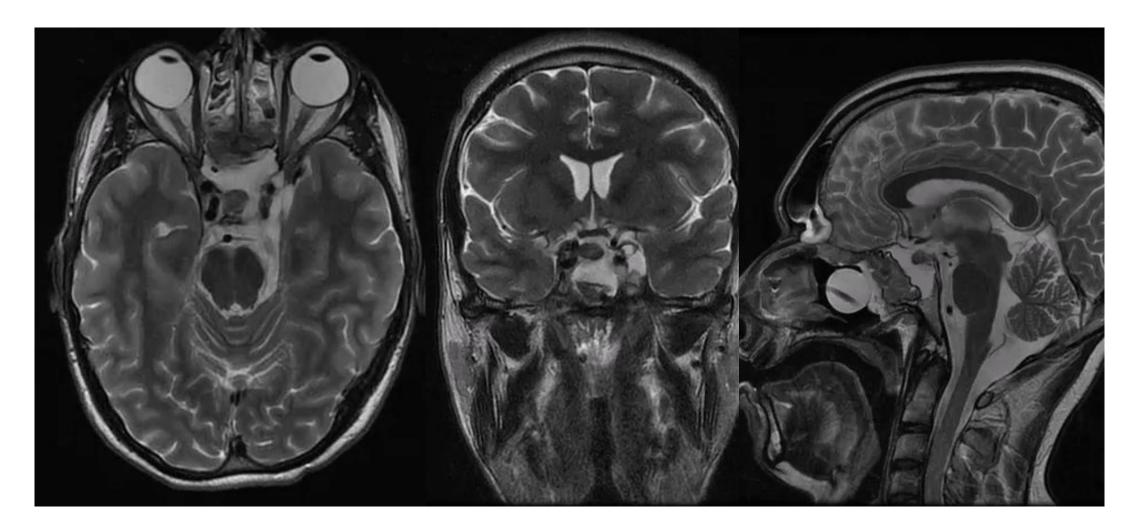
Final View



Limbus Sphenoida Left ICA Right OC

Final View

Post Operative MRI



Post Operative Course

- Left side headache and left eyeball pain resolved
- CN III palsy recovered
- Patient developed a transient CN VI palsy wich completely resolved 3 months later
- No CSF-leak or endocrinological impairment was observed





