



# ORBITAL TUMORS

## OPERATIVE AND CONSERVATIVE TREATMENT

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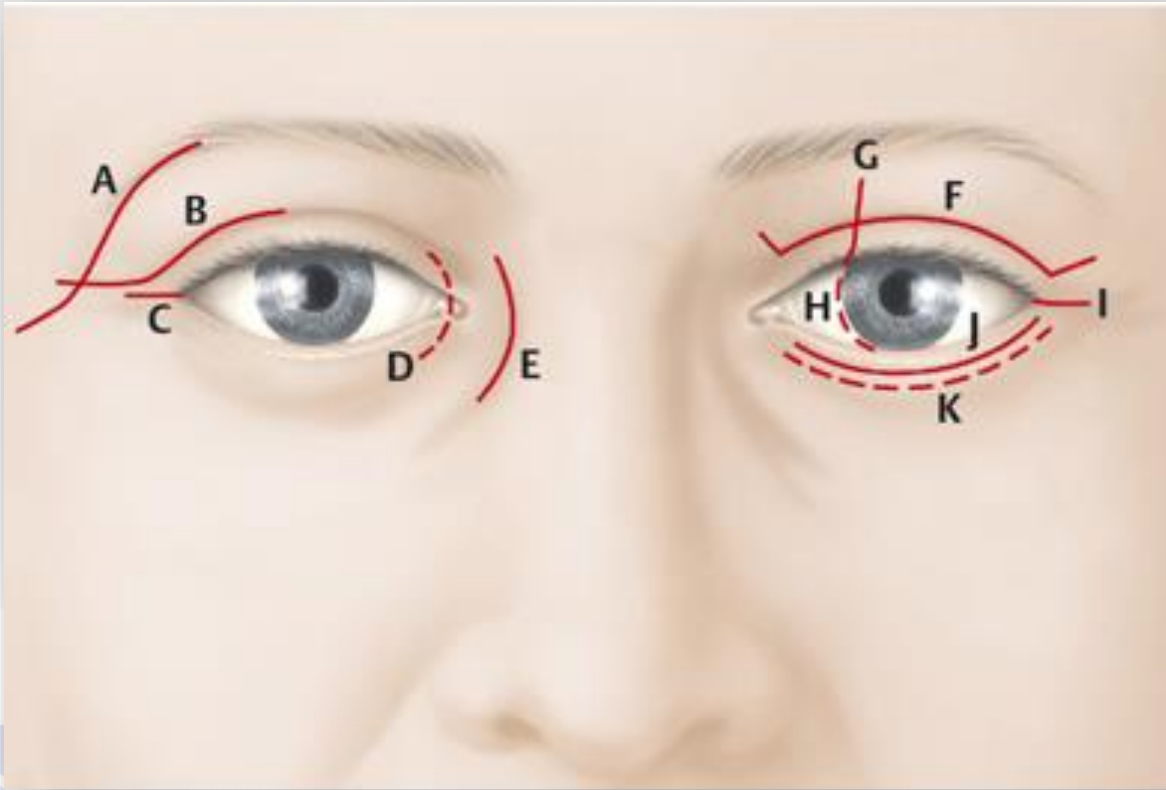
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# Orbital Tumors

- In accordance with clinical classification, orbital tumors can be categorized as malignant, benign, and inflammatory.
- Another classification is based on their location within the orbit: intraconal and extraconal.
- Depending upon the histological diagnosis and the spatial localization within the orbital region, the choice of therapeutic modality is determined, involving surgical or non-surgical interventions.

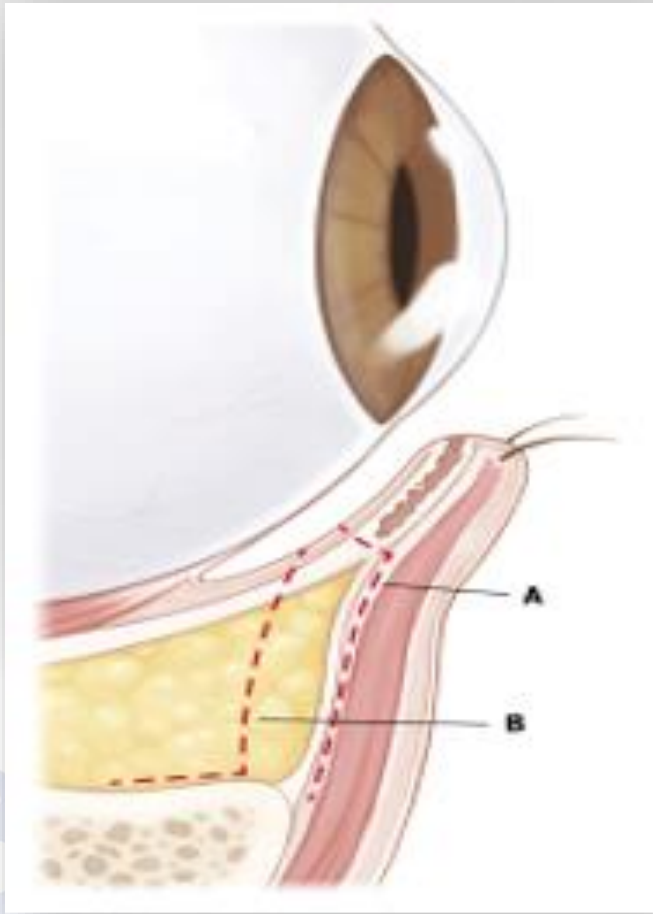
# Anterior Surgical Approaches to Orbital Tumors



## Anterior Surgical Access to Orbit

**A. Modified Stallard-Wright incision;**  
**B. Vertical lid split** **C. Berke-Reese incision;**  
**D. transcaruncular (Goldberg) incision;**  
**E. Frontoethmoidal Lynch incision;**  
**H. Transconjunctival incision;** **J. percutaneous**  
**incision;** **K. Tarsal incision;**

# Anterior Surgical Approaches to Orbital Tumors



## Transconjunctival Incision

A. Preseptal; B. Postseptal

# Aim

- The aim of this study is to present different surgical approaches and conventional treatment for orbital tumors while aiming to achieve expected physiological and cosmetic outcomes.



# Materials and Methods

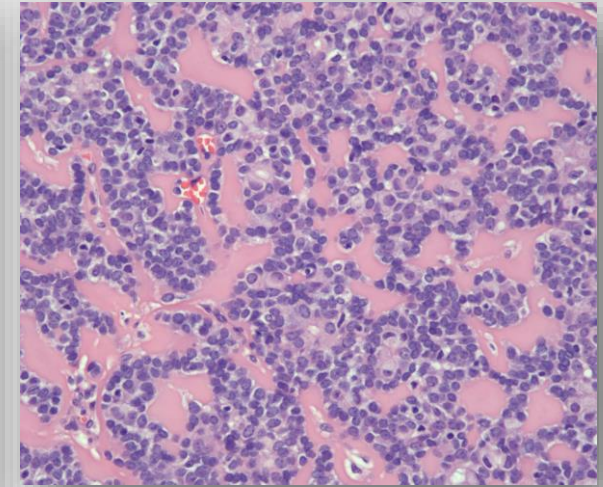
- Eleven patients with orbital tumors were monitored over a period of two years.
- Surgical procedures were performed employing the following orbital approaches:
  - **transpalpebral,**
  - **transconjunctival, and**
  - **tarsoconjunctival.**



# Transpalpebral Approach- on upper eyelid



**V.A- 57 F, Eccrine spiradenoma-cylindroma**



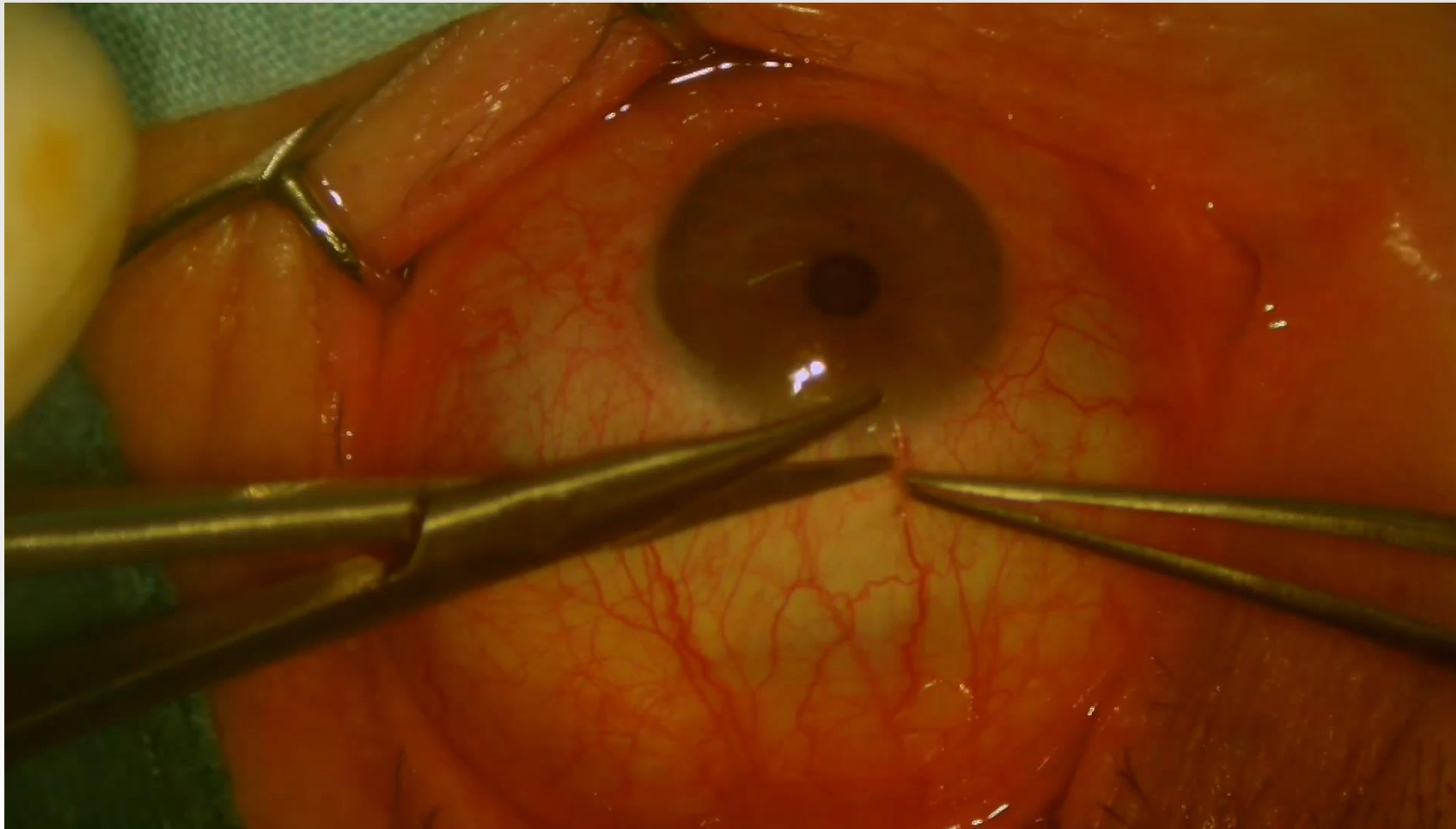
<https://www.pathologyoutlines.com/topic/skintumor/nonmelanocyticeccrinecylindroma.html>



**3 months**



# Transconjunctival Approach



**M.P, 74F, Orbital tumor - post-biopsy diagnosis: metastasis of breast carcinoma**

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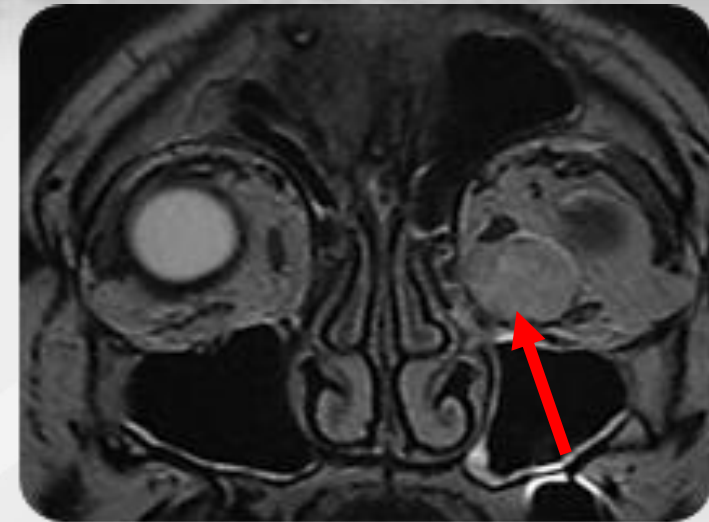
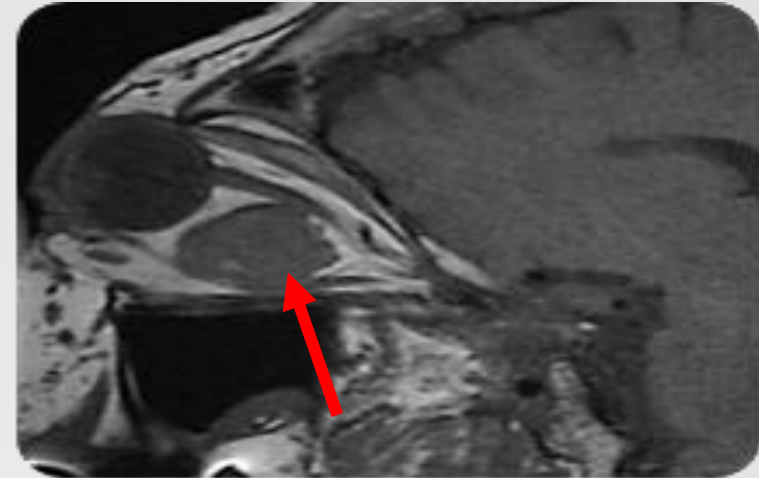


# Interconal Hemangioma

**CT**



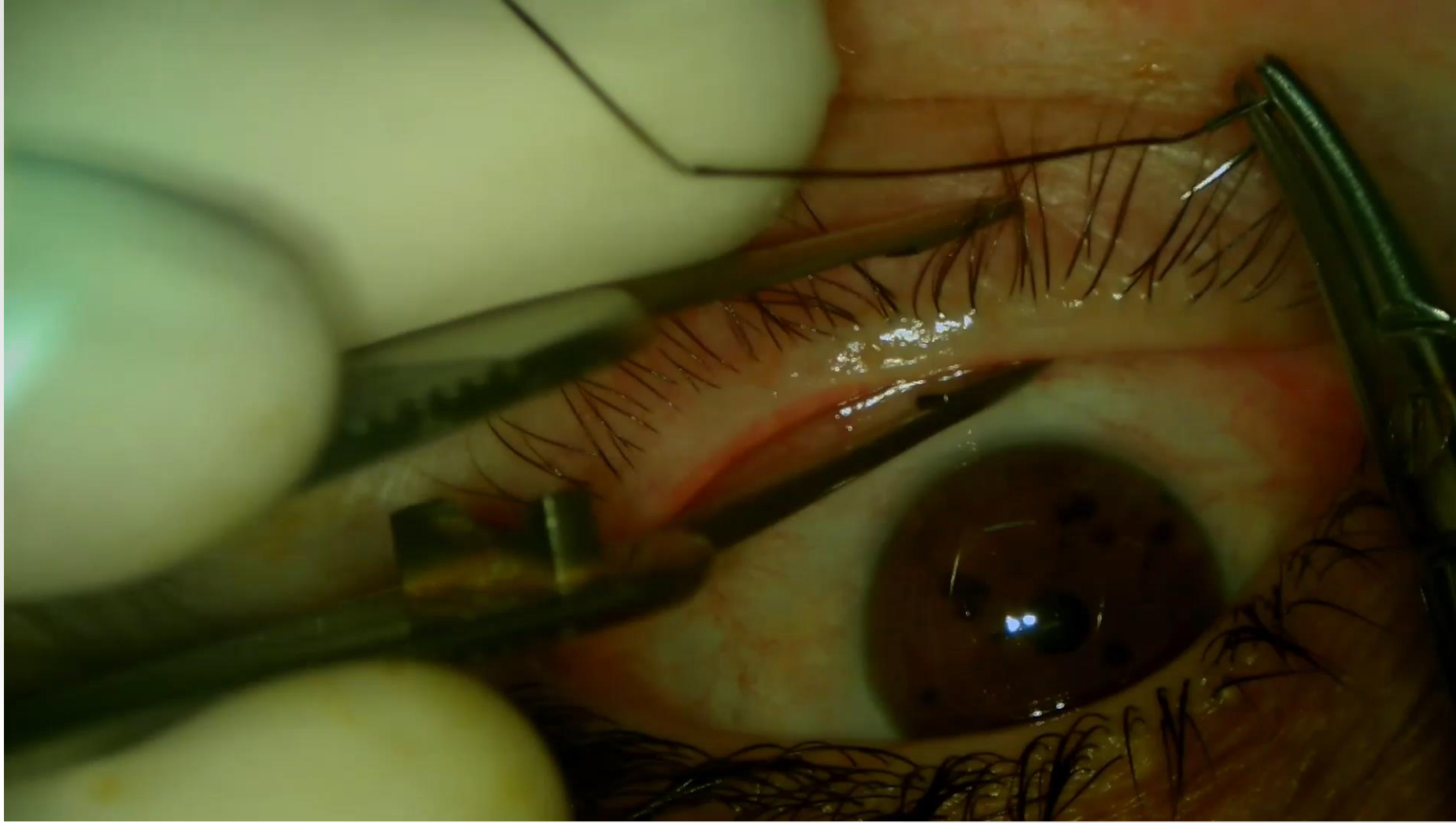
**MRI**



**B.C. 63.**

**Orbital  
intra/extracanalicular  
tumor - hemangioma**

# Tarsoconjunctival Approach



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# Post- Operative Results

**Before**

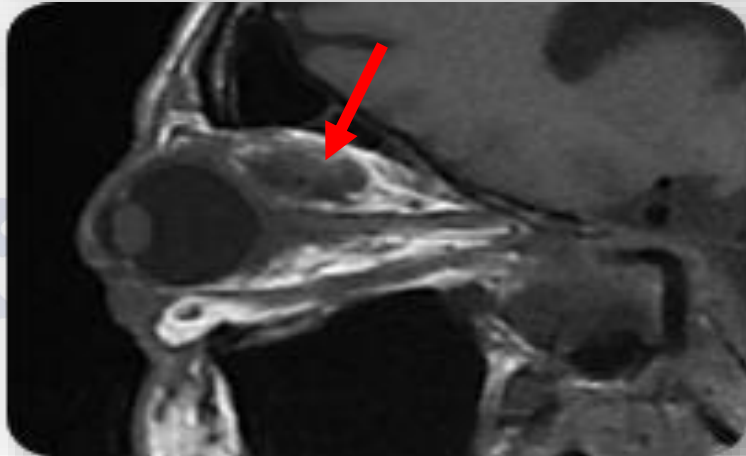
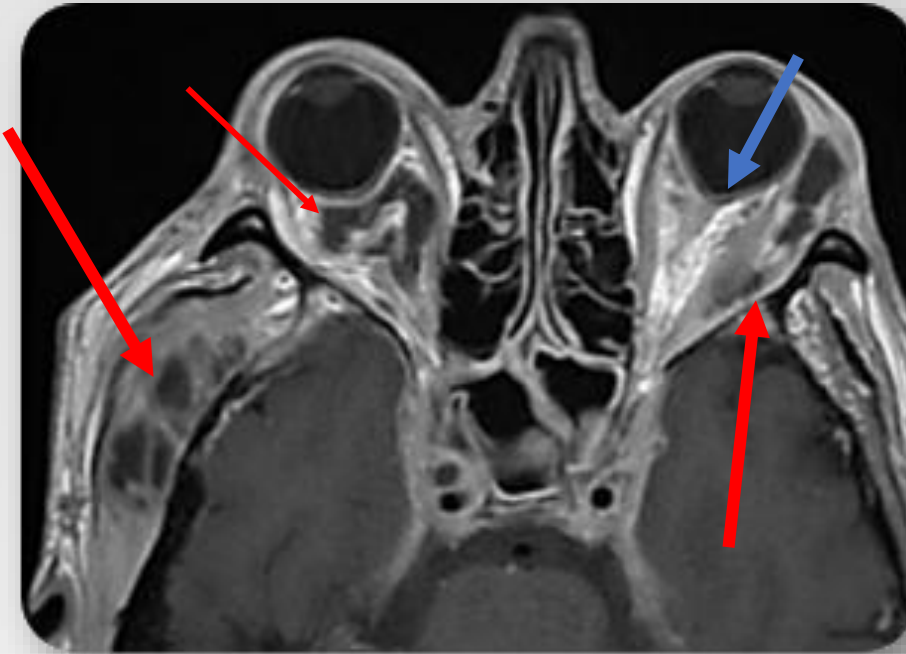


**After**



**VOS=1.0**

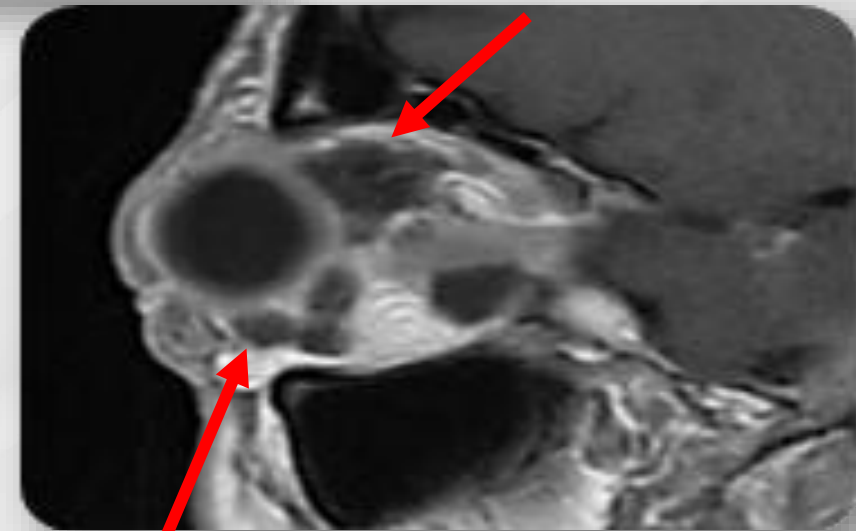
# Inflammatory Orbital Mass



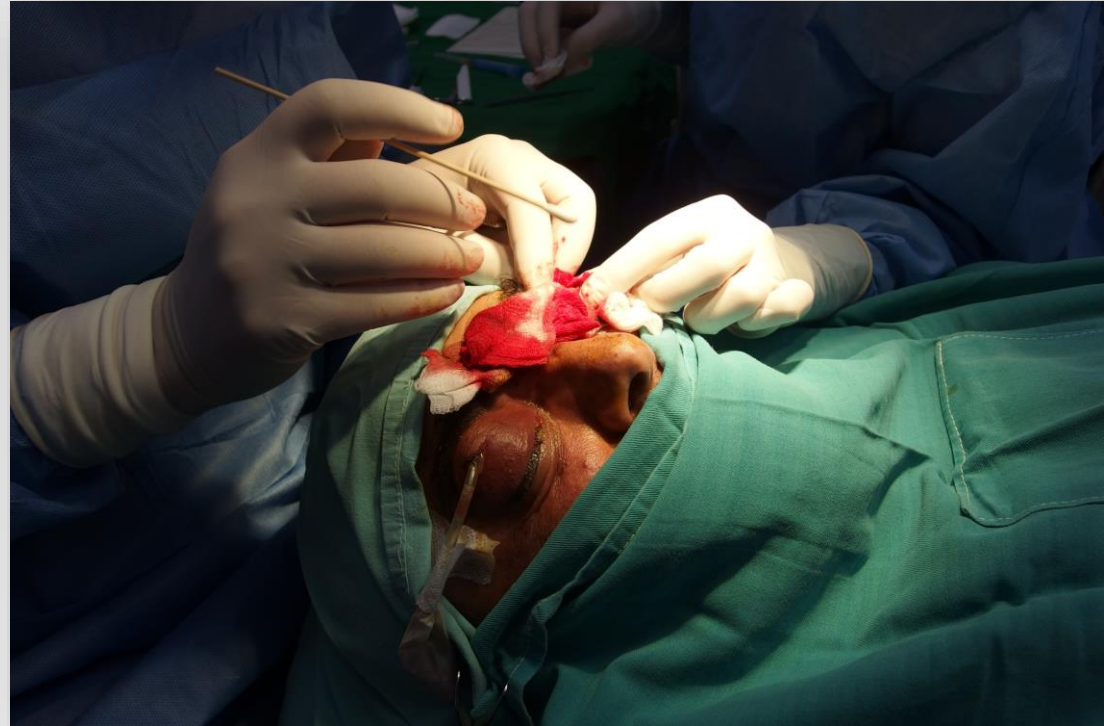
**MRI – B.A. 50 M.**

**Extra and intraconal  
purulent collections**

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# Inflammatory Orbital Mass

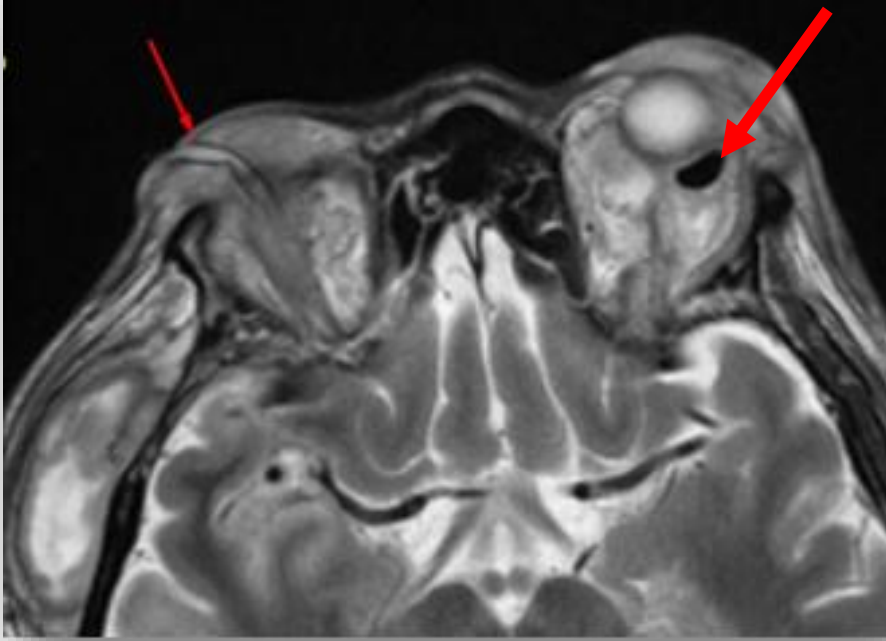


**B.A. 50, M.**

**Abscess was drained and pus samples  
were sent for microbiological  
examination**

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# Inflammatory Orbital Mass



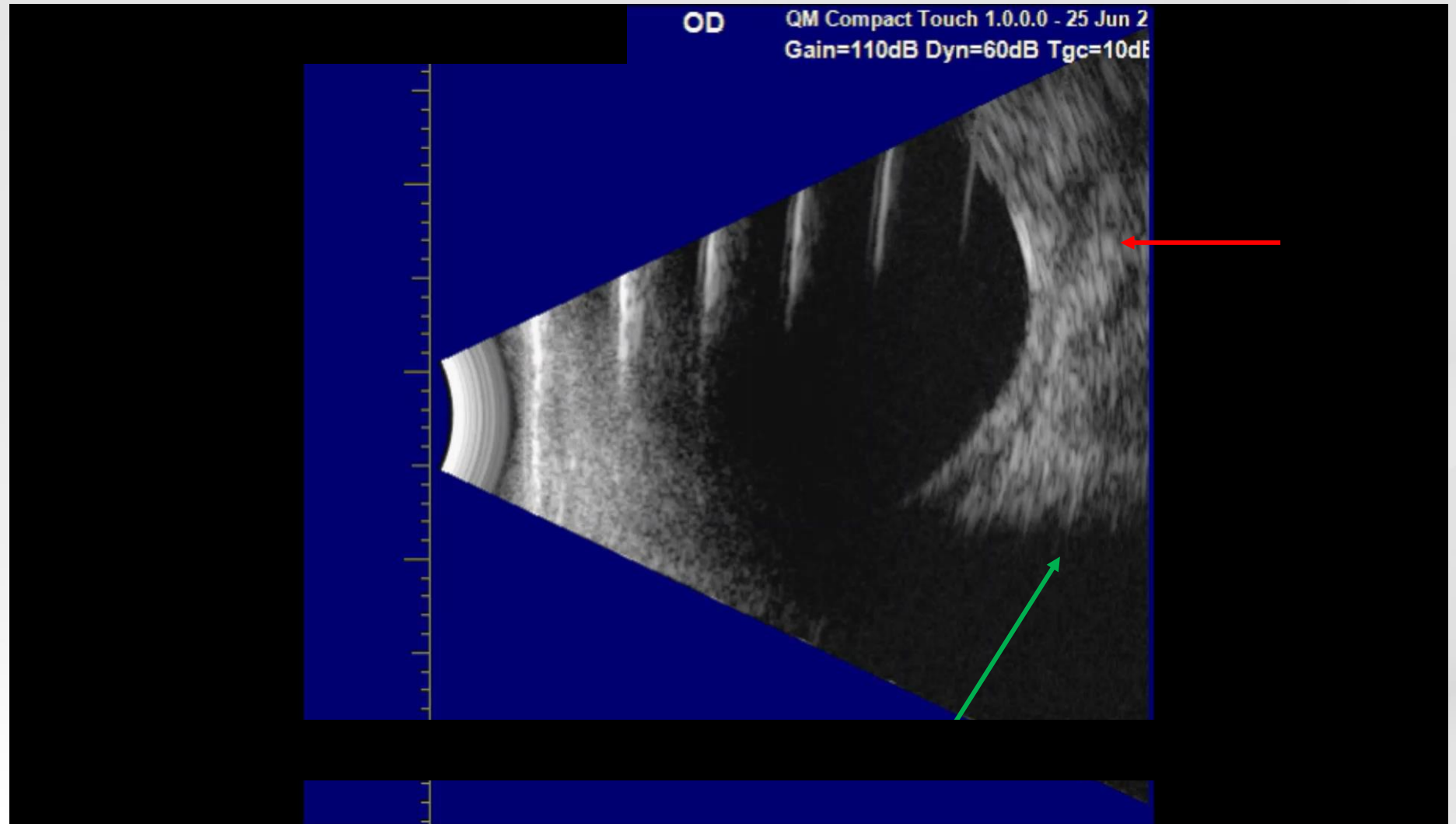
**B.A. 50, M.**

**Post-Drainage- MRI**

**Microbiology report: *Enterococcus faecalis***



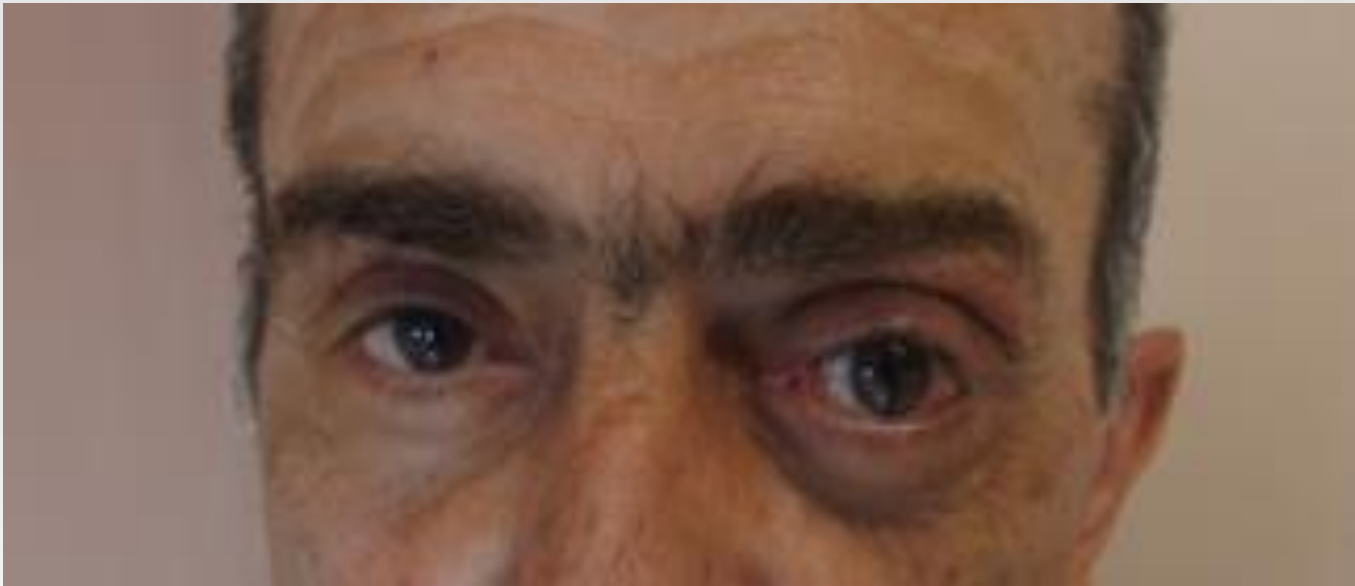
# Inflammatory Orbital Mass



**B.A. 50, M.**

**Injection of  
gentamicin  
intraconally under  
the guidance of  
ultrasound**

# Inflammatory Orbital Mass



**2 months after the treatment**

**VOU=1.0**



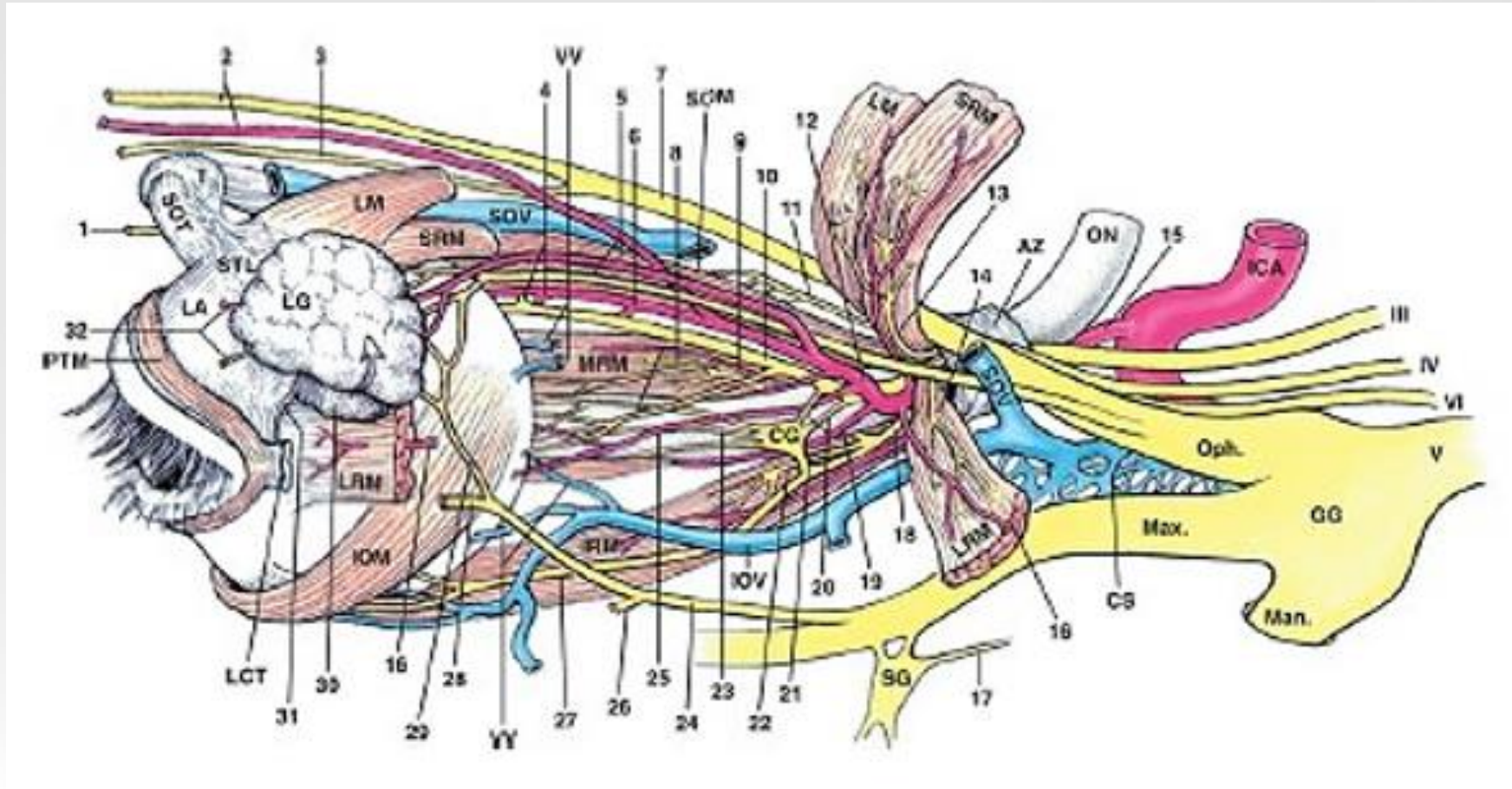


# Conclusion

- Orbital tumors demand meticulous precision in surgical procedures.
- Usually, a comprehensive approach that integrates both surgical and therapeutic methods is utilized.
- A close collaboration with an oncologist is essential for targeted therapy.



# Orbital Tumors



AAO, BCSC 9 – Orbit, Eyelids, and Lacrimal system 2022-2023

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