

Veterinary Computed Tomography Center

Case code	872-873
Pet name	mylo
Sex/age	male
Species	canine
Area of scan	head
Contrast	with
History	epistaxis
Referring clinic	Dr vet clinic
Veterinarian	Dr/ mina dimitry
Date	27/1/2026

CASE REPORT

Findings

A large, irregular, heterogeneous soft tissue attenuating mass is present predominantly within the **right nasal cavity**, involving the **rostral, middle, and caudal nasal passages**, with extension into the **right sphenoid sinus**. The mass measures approximately **1.96 cm × 3.77 cm** (maximal dimensions).

There is **destruction of the nasal septum**, allowing the mass to extend into the **left nasal cavity**.

The mass extends beyond the nasal cavity into adjacent structures, including:

- **Right periorbital region**
- **Olfactory bulb region** (intracranial extension suspected)

Marked regional bony destruction is present, including:

- **Severe lysis of the ethmoturbinates**
- Destruction of the **right orbital plate of the ethmoid bone**
- Destruction of the **perpendicular plate of the palatine bone**
- Destruction of the **right cribriform plate**

These changes are consistent with an aggressive locally invasive process.

Impression

1. **Large aggressive nasal cavity mass** centered in the **right nasal cavity** with extension into the **right sphenoid sinus** and across midline into the **left nasal cavity** through a destroyed nasal septum.
2. **Marked osseous destruction** involving the ethmoturbinates, right orbital plate of the ethmoid bone, perpendicular plate of the palatine bone, and right cribriform plate.
3. **Extension into the right periorbital region** and **extension to the olfactory bulb**, consistent with possible intracranial involvement.

Overall appearance is most consistent with an aggressive neoplastic process (e.g., nasal carcinoma/adenocarcinoma, squamous cell carcinoma, sarcoma, or other malignant tumor).

Recommendation:

Rhinotomy and biopsy/histopathology for definitive diagnosis.

DR/ Omar El-masry

Medical director of VCTC

DR/Mafdy Ayad

Operation Manager, Diagnostic radiologist of VCTC

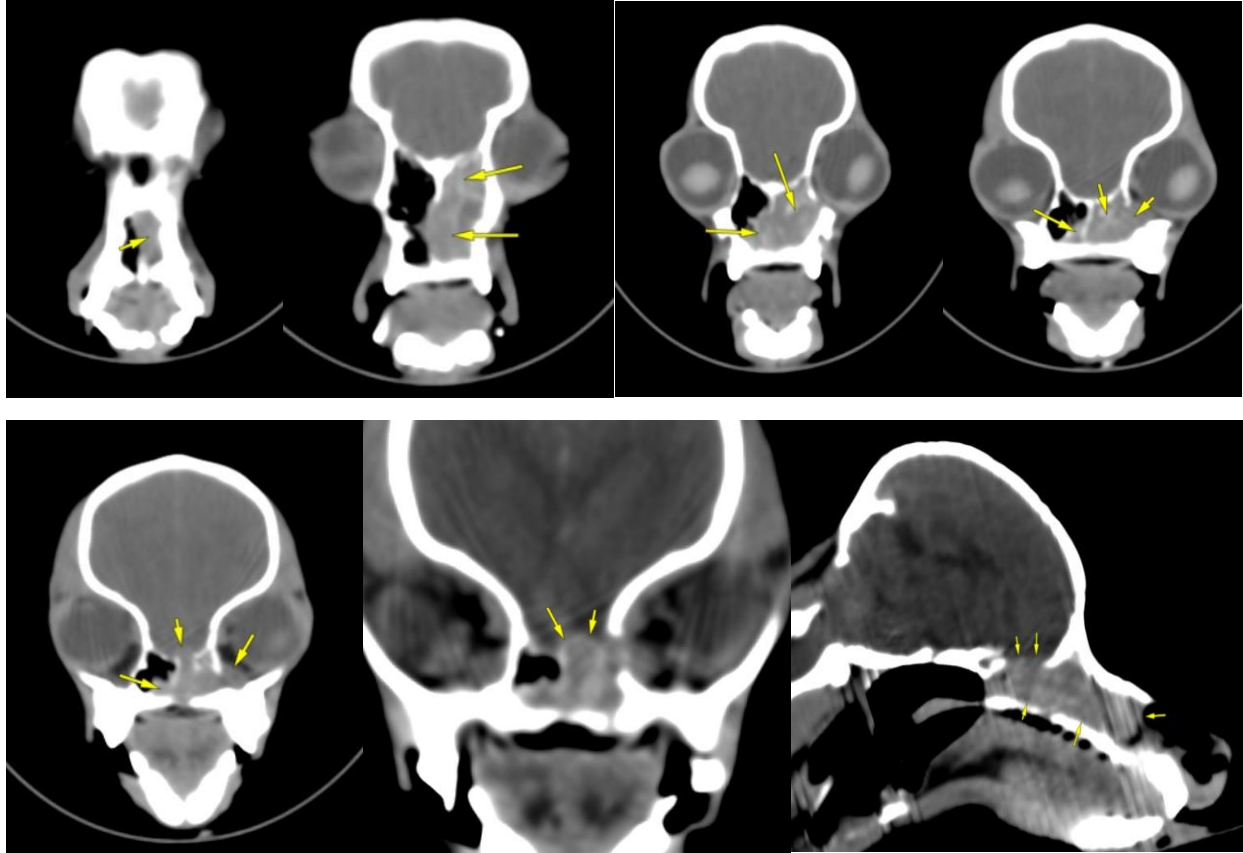
DR/Ahmed El-nabrawy

Head , Founder of VCTC

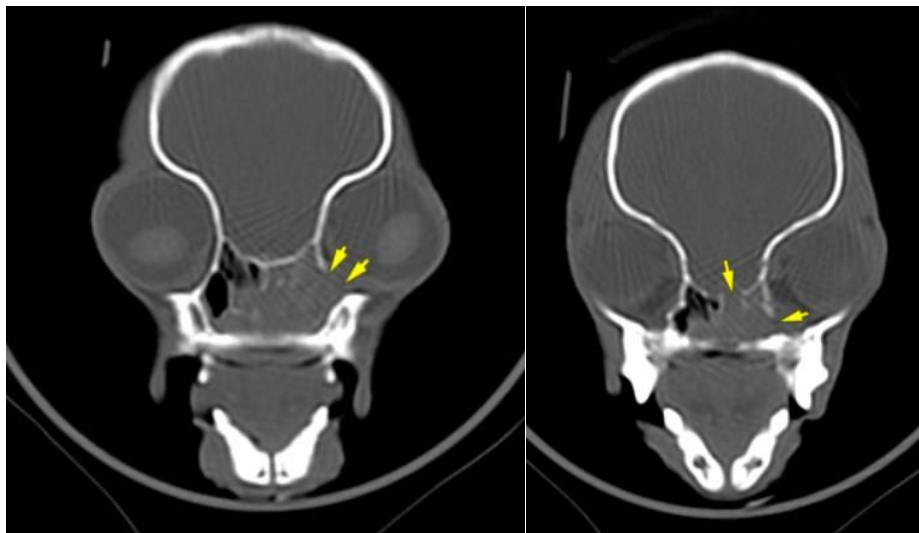
For any inquiries regarding the findings in the report please contact us or email on the below details.

Phone: +20 122 638 4471

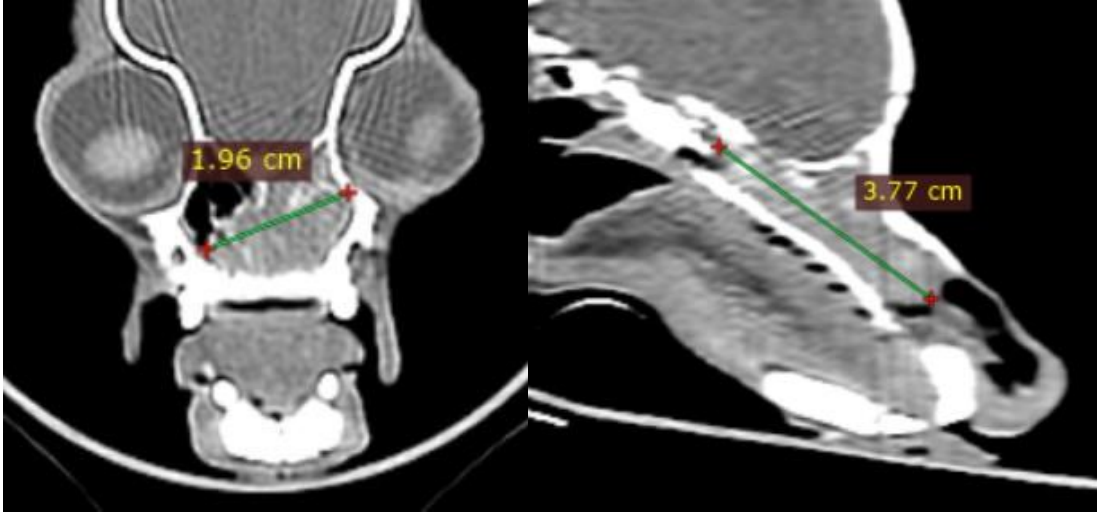
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Large aggressive nasal cavity mass centered in the right nasal cavity with extension into the right sphenoid sinus and across midline into the left nasal cavity through a destroyed nasal septum. Extension into the right periorbital region and extension to the olfactory bulb, consistent with possible intracranial involvement.



Marked osseous destruction involving the ethmoturbinates, right orbital plate of the ethmoid bone, perpendicular plate of the palatine bone, and right cribriform plate.



The mass measures approximately 1.96 cm × 3.77 cm (maximal dimensions).