



CT NASAL CAVITY& PARANASAL SINUSES REPORT

Pet name/ID: Pyeramisa

Pet Species: feline

Age/Sex: 9 months/female

Hospital: Dr.Paws Hospital

Referred by: Dr.Ahmed Barakat

Technique:

- ❖ CT scan (bone window, soft tissue window) of head were obtained.

Finding:

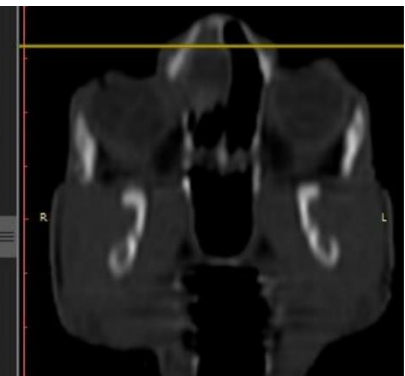
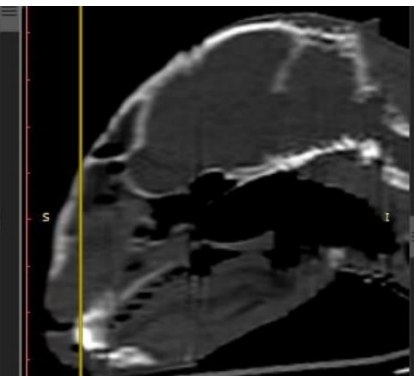
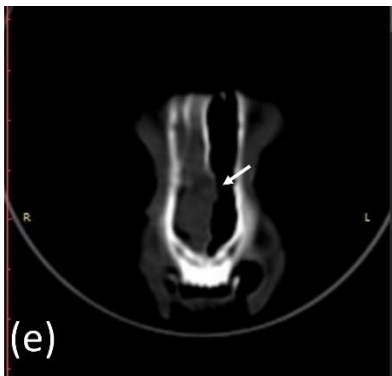
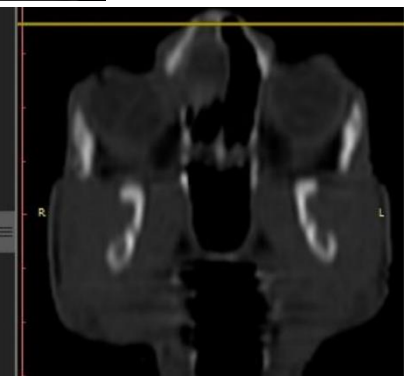
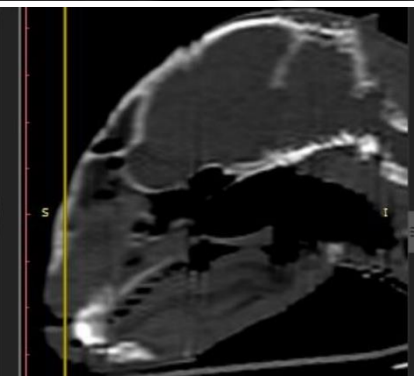
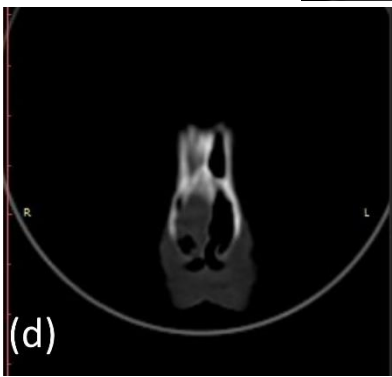
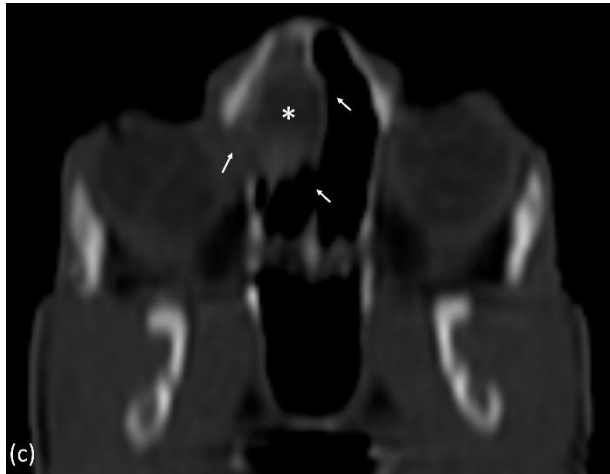
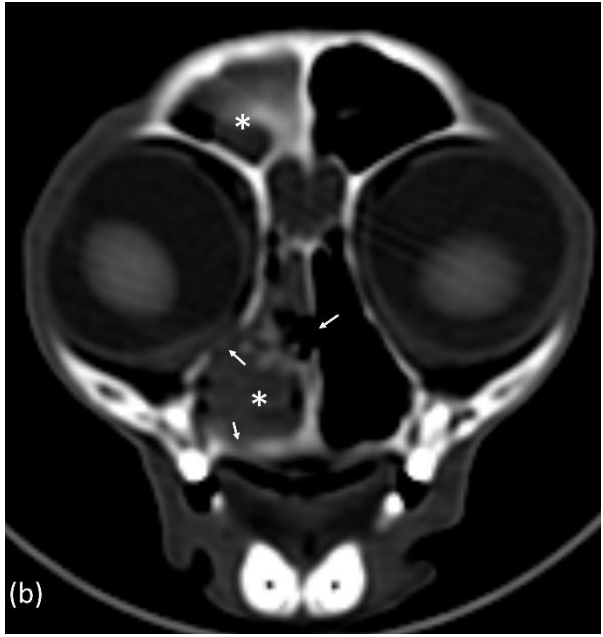
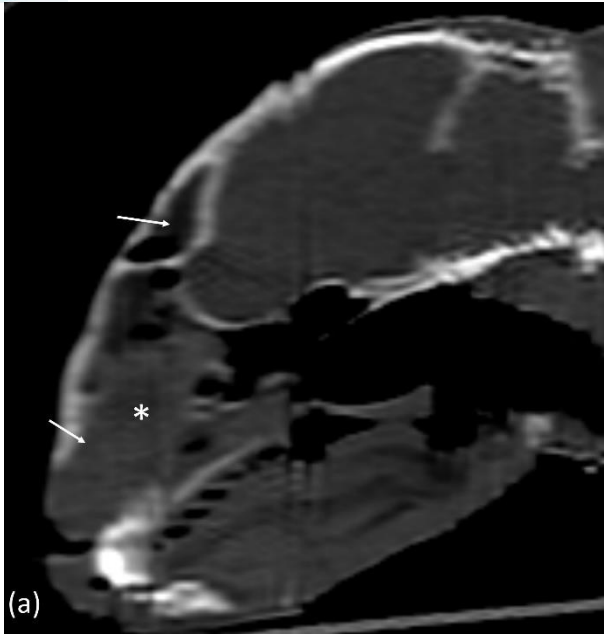
- ❖ Soft tissue mass occupying the right nasal passage with extension to left side and nasopharynx (both right & left sides).
- ❖ Pronounced bone resorption with proliferative bone remodeling at right nasal passage is observed at rostral part.
- ❖ Focal regions of cortical osteolysis are evident at right frontal bone, right orbit medial wall, right palatine bone, and nasal septum with severe deviation to the left side at rostral part.
- ❖ Accumulation of fluid attenuating material at the right frontal sinus is evident.
- ❖ Regional turbinate atrophy of left nasal passage.

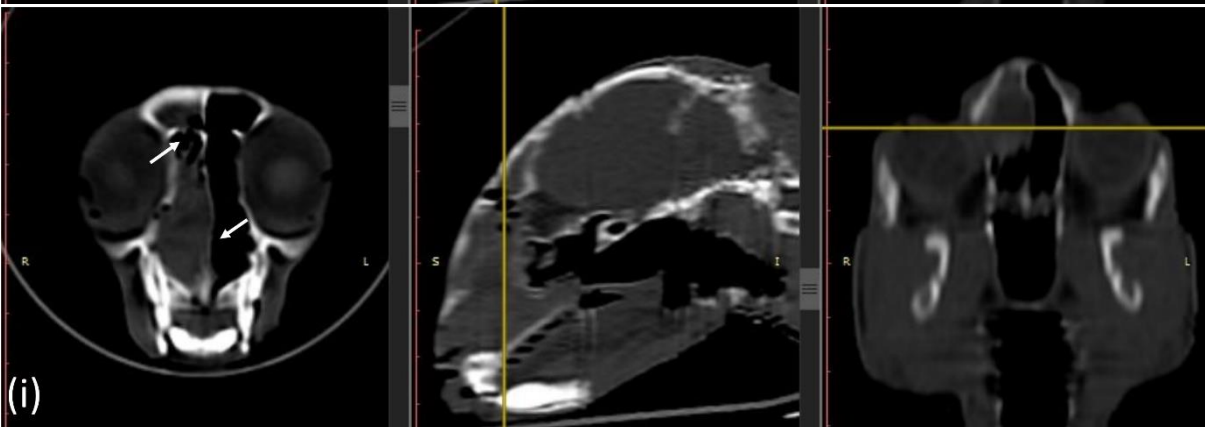
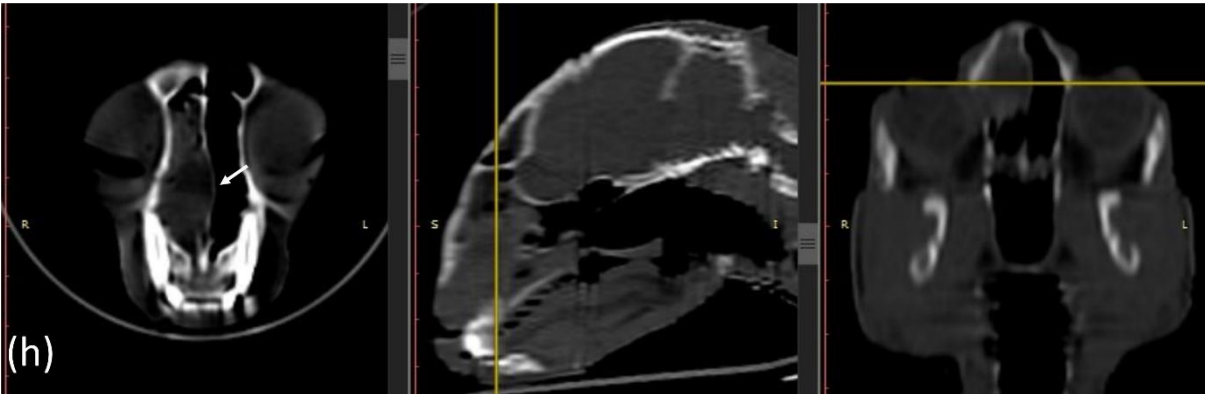
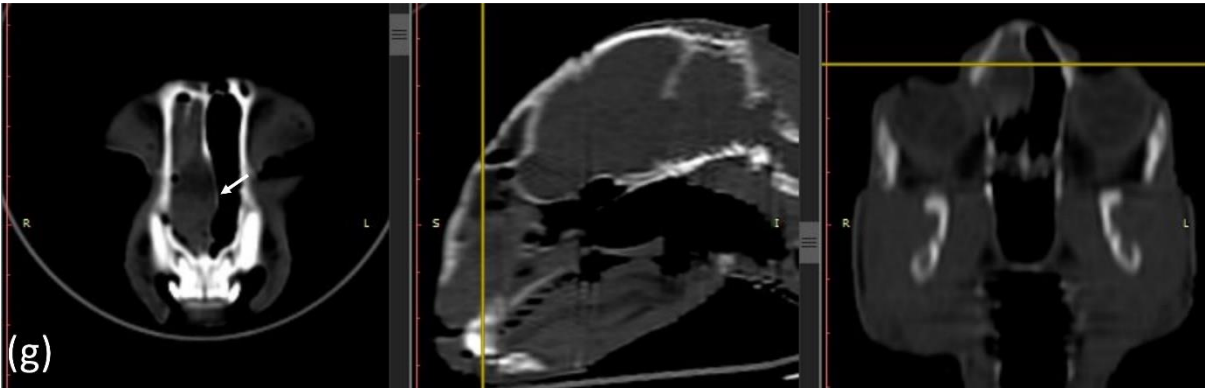
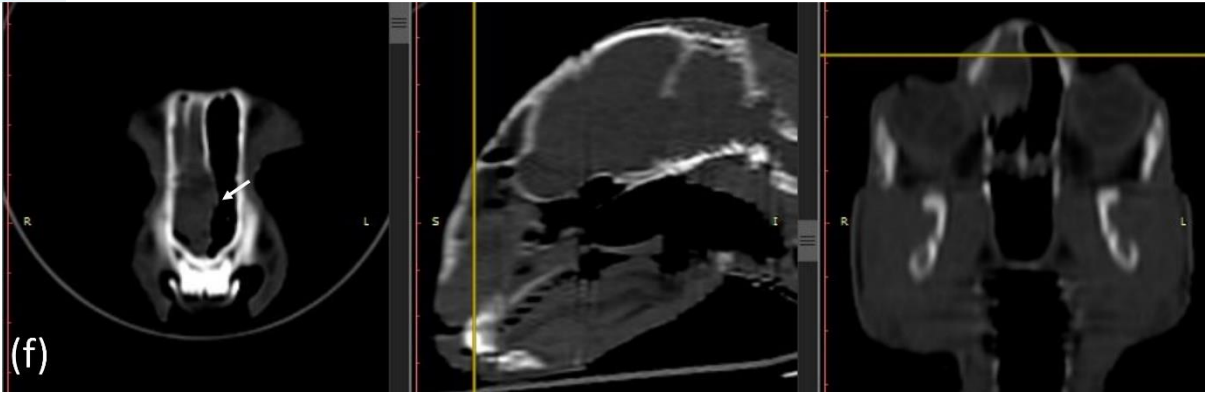
Impressions:

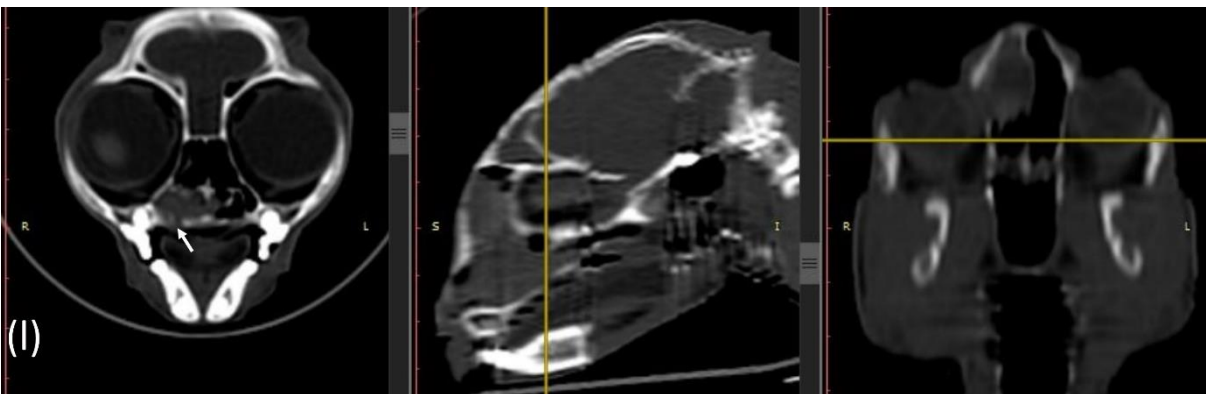
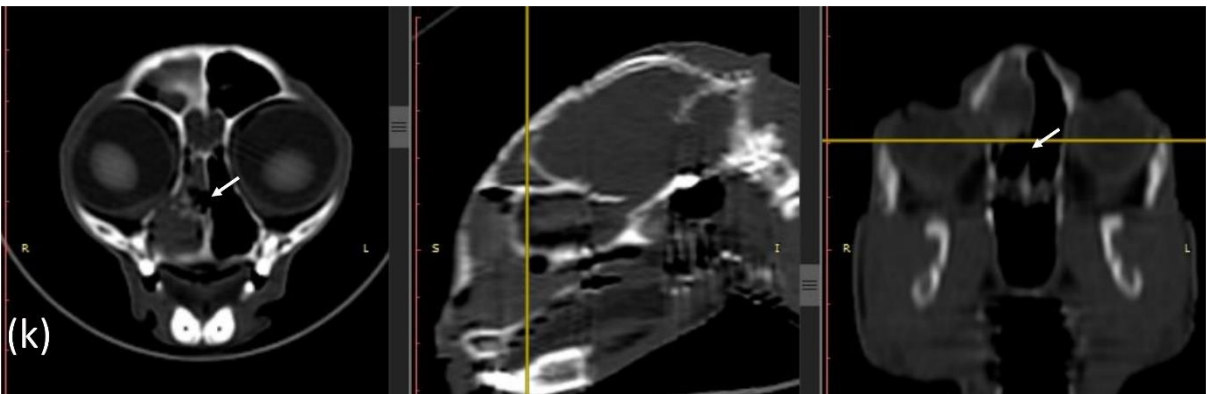
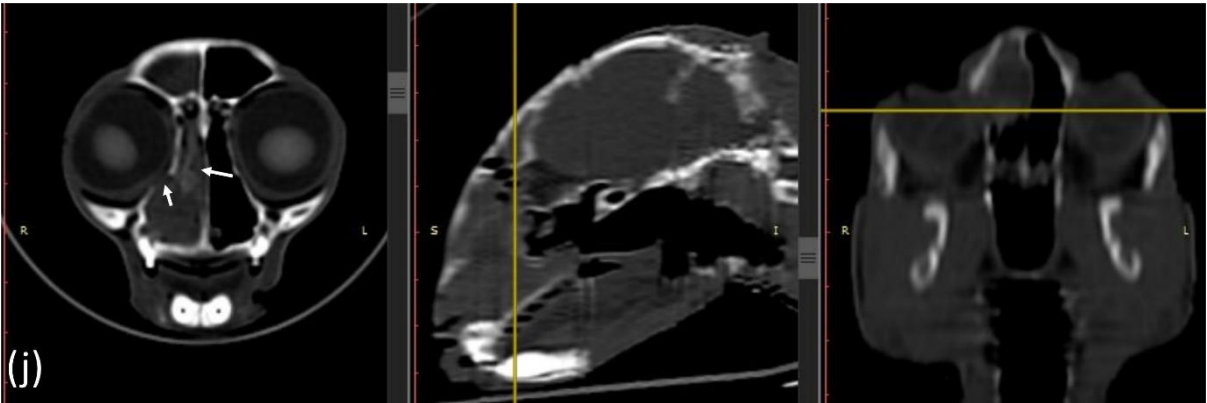
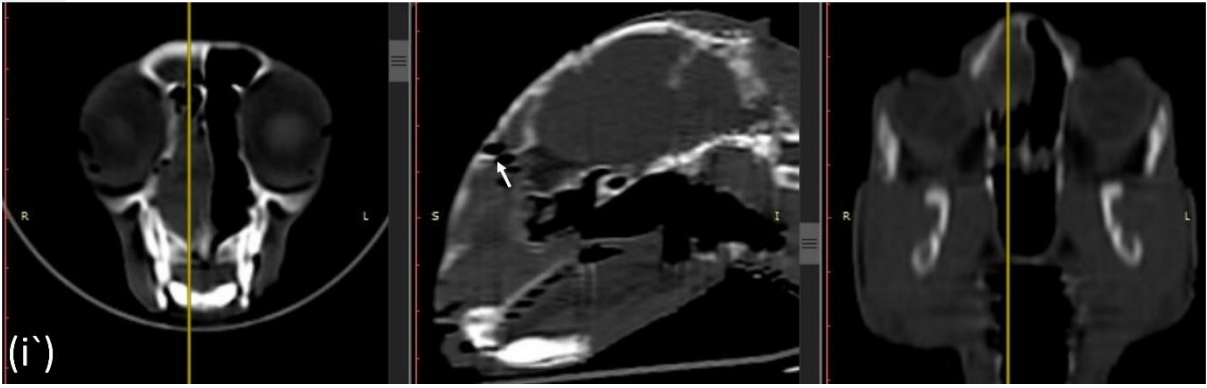
- ❖ Soft tissue mass occupying the right nasal passage.
- ❖ The CT findings give suspicion of inflammatory nasal polyp with associated mycotic rhinosinusitis or inflammatory rhinosinusitis.

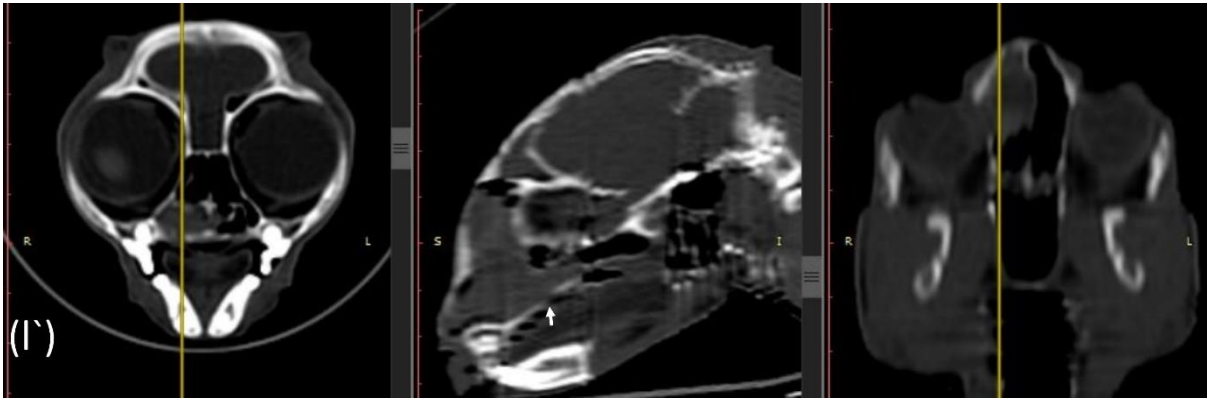
Recommendation:

- ❖ Rhinoscopy.
- ❖ Histopathology.









- ❖ Soft tissue mass occupying the right nasal passage (a, b, c) with extension to left side and nasopharynx (both right & left sides) (l, l').
- ❖ Pronounced bone resorption with proliferative bone remodeling at right nasal passage (b) is observed at rostral part.
- ❖ Focal regions of cortical osteolysis are evident at right frontal bone (l, i'), right orbit medial wall (b, j), right palatine bone (l, l'), and nasal septum (k, b) with severe deviation to the left side at rostral part (e, f, g, h).
- ❖ Accumulation of fluid attenuating material at the right frontal sinus is evident (a, b).
- ❖ Regional turbinate atrophy of left nasal passage (b, c).

Afnan Elzanati