



Report Requested By
REDACTED FOR PRIVACY

PEREGRINE-2020-004830

Patient: REDACTED

Feline | Domestic Shorthair | 5 years | Spayed, Female | 3 kg | 169499

Closed: 2020-02-01 21:46 **Date**

Opened: 2020-02-01 17:38

Submitted: 2020-02-01 17:09

Admin Details

Services

Diagnostic Imaging - CT (single site)

Clinical Findings

History & Clinical Signs

Aural polyp right ear. First noted over 1 year ago, gradual increase in size

Current Medications

Antibiotics and ear drops. Owners unsure what kinds

Drugs or Sedation Used Butorphanol, Propofol, Omnipaque

Number of Images Submitted 1,196

How are Images Submitted? DICOM

Date Of Most Recent Images 2020-02-01

CT Report

Findings

Nasal passages: There is adequate turbinate definition. The nasal septum is intact. The vomer bone is intact. Destructive lysis is not identified.

Ethmoidal turbinates/cribriform plate: Normal and intact.

Neural foraminae/brain: Normal.

Sinuses: Normal.

Maxillary and mandibular arcades: No significant abnormalities are identified.

Nasal bone/maxillary bone/hard palate: Normal.

Periorbital and orbital regions: Normal.

Pterygoid bone/bones of the calvarium/petrous temporal bones: Normal.

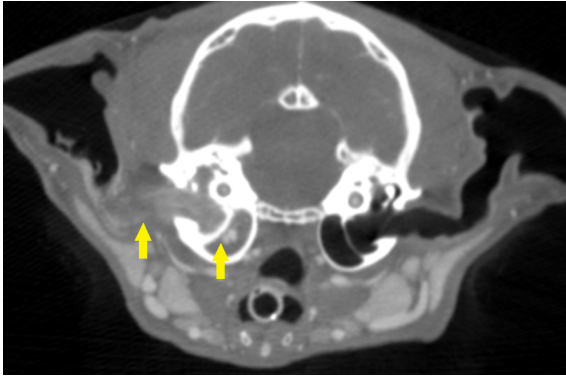
Tympanic bullae/external ear canals/temporomandibular joints: There is soft tissue attenuating material within the tympanic bulla on the right side. Lobulated small diameter contrast enhancing nodules are identified within the tympanic bulla. A soft tissue attenuating tube of material extends through the horizontal and vertical portion of the external ear canal and is strongly contrast enhancing. The left side is normal. The temporomandibular joints are normal.

Glands/lymph nodes: The right medial retropharyngeal lymph node is strongly contrast enhancing and measures 1 cm in height and 4 mm with. The left medial retropharyngeal lymph node measures 7 mm in height and 3 mm in width. The mandibular lymph nodes on both sides approximate 2.3 mm in height. The glands are normal.

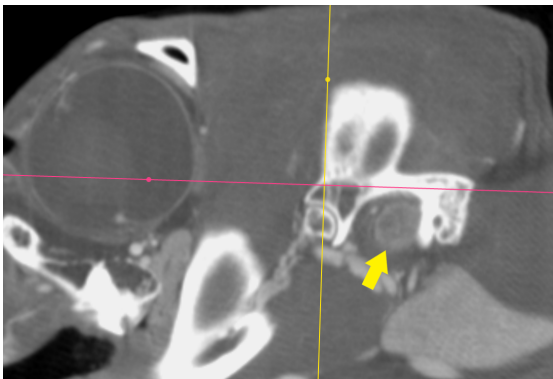
Muscles of mastication and soft tissues of the cervical region: Normal.

Hyoid apparatus/thyroid: Normal.

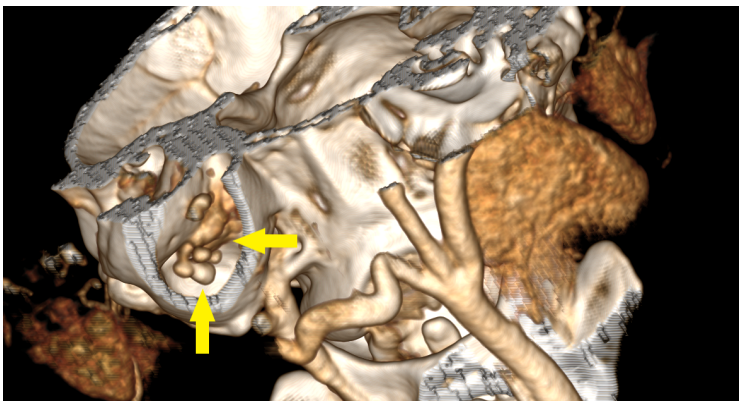
Below: Note the contrast enhancing nodules within the tympanic bulla on the right side with extension of material into the right ear canal.



Below: Cross section of the tubular contrast enhancing material in the horizontal portion of the external ear canal, right side.



Below: 3D rendering of the nodules within the right bulla.



Conclusion

1. Contrast enhancing nodules within the tympanic bulla on the right side with extension of contrast enhancing tubular material through the external ear canal. Differentials include a nasopharyngeal polyp with extension into the external ear canal. Ceruminous gland adenoma/adenocarcinoma could also be considered. Concomitant otitis media should also be considered.

Recommendations

1. Consultation with a dermatologist/soft tissue surgeon.
2. Biopsy of material within the external ear canal.