



PATIENT

Foley Applegate

SPECIES

Feline

BREED

DMH

SEX

FS

AGE

13 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Southern Oregon
Veterinary Specialty
Center

REFERRING VET

Ravi Seshadri DVM,
DipACVECC

INVOICE

52009

DATE

5-9-22

PRESENTING CLINICAL SIGNS

Foley is a geriatric patient with recent onset of low-grade weight loss. She favors the region of the right temporomandibular joint and the right ear base. She has had chronic recurrent waxy otitis externa. On her physical exam no significant findings were noted. Her in house laboratory findings were within normal limits. Though she has a prior history of urinary tract disease with an iris renal dysfunction Stage I - she currently has a normal BUN and creatinine. Her urine specific gravity was midrange. She underwent an uneventful abdominal ultrasound, followed by a CT scan with and without IV iohexol contrast. Her recovery from these procedures was smooth and uneventful. She was discharged for care at home and owners were advised to consider a cerumenolytic agent. Alternatively a course of topical or intra-auricular steroid can be considered. Images from the CT were sent to Sonopath for review though no obvious lesions were found on the in-hospital assessment. She does have a prior history of having an enlarged abdominal lymph node abscess which post surgically has resulted in an agglomeration or collection of omental tissue in the cranial mesenteric lymph node area. Once the CT report is back additional therapeutic or diagnostic steps can be considered if necessary.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, THORAX, & ABDOMEN

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Head

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact.

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

A mild amount of fluid attenuating material with a meniscus sign is seen ventrally within the hypotympanum of the right tympanic bulla. The osseous lining of the tympanic bulla presents within normal limits. Mild thickening of the epithelial lining is seen in the medial aspect of both external auditory meatuses. The lumen of the external auditory meatuses is patent.

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

The salivary glands present within normal limits.

Thorax

The bony and surrounding soft tissue structures are within normal limits.



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The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5 , the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

The cardiovascular structures including the pulmonary vasculature are within normal limits.

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A mild generalized bronchial lung pattern is noted and evenly distributed throughout the lung. There is no evidence of interstitial nodules or masses.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

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Abdomen

Several areas of regional fat stranding are seen within the free mesentery in the ventral and right abdomen.

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Mild surface irregularity and mildly weak and heterogeneous nephrogram is seen in both kidneys. There is no evidence of pyelectasia, mass lesions, or perinephric fluid. The renal size cannot be assessed owing to presence of stair stitching artifact.

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The adrenal glands are within normal limits for size, shape and organ architecture.

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

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The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

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The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Mild right sided otitis media.
- Mild generalized bronchial lung pattern.
- Multifocal mesenteropathy.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals mild right sided otitis media. There is no evidence of bulla osteitis, intracranial extension, inner ear changes, or involvement of the temporomandibular joints and surrounding musculature. Further otoscopic workup is recommended.

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The bronchial lung pattern may be within age related normal limits. Allergic lower airway disease is a potential differential diagnosis. The focal concentrations of fat tissue within the mesentery may be results of prior surgery with focal scar tissue/fibrosis formation, necrosis, bates body formation, or other. Clinical significance is not considered likely based on the CT findings at this point.

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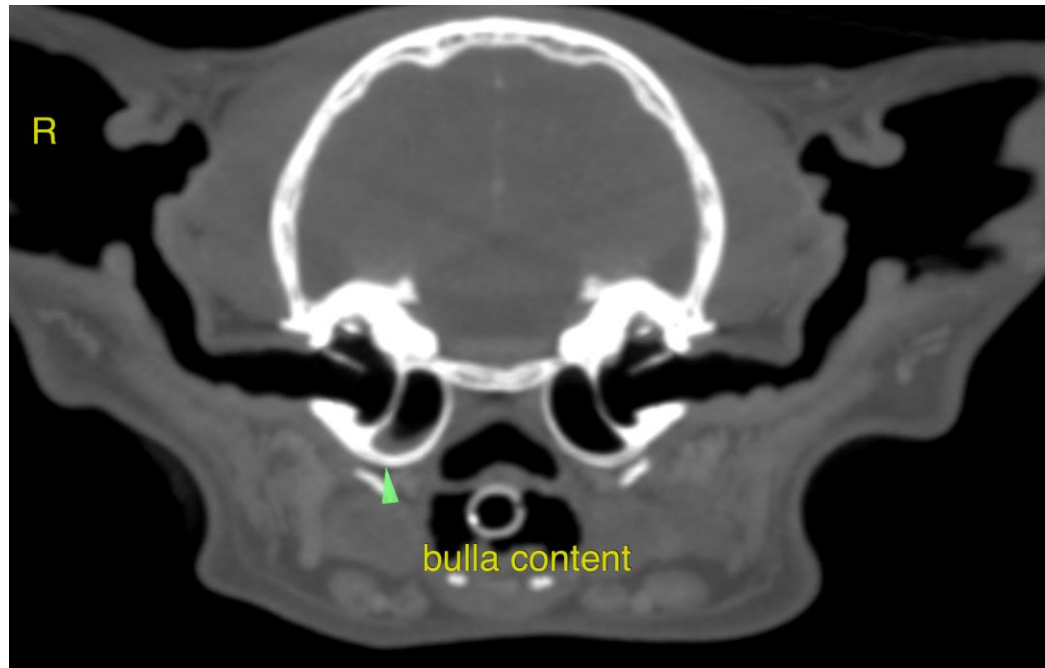
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

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