



PATIENT PRESENTING CLINICAL SIGNS

Cheeto Biernat P presented for lethargy ADR, howling at night. Blood work revealed anemia, and elevated kidney value. Radiographs showed possible pulmonary mass. BW and Rad report attached. Concerned for neoplasia.

SPECIES Abnormal PE/Chem/CBC/UA Results: Blood work results HCT 18 RBC 3.28 HGB 6.6 BUN 102 CREA 4 PHOS 8.1 PH 7.206 Radiograph report: Consult Type: STAT INTERPRETATION 1-6 IMAGES, SIG: DOB: 20070623, Age: 15 Y, Sex: F ALTERED, Wt: 4.81kg, Breed: DLH, Species: FELINE, Images: 3, Case Details: Patient presented for howling at night Findings 3 radiographs dated June 22, 2022 are available for review. There is a rounded, heterogeneous soft tissue and gas opaque structure just dorsal to the carina on the lateral projections. On the VD projection, this opacity is suspected to be just to the right of the spine, although evaluation is limited by obliquity. Cranial to this opacity, the thoracic esophagus is gas distended. The remaining portions of the thorax are relatively unremarkable. The stomach is moderately distended with gas and ill-defined soft tissue opacity. The small intestines contain homogeneous soft tissue opacity with interspersed gas and are normal in diameter. The colon contains formed feces that is beginning to stack. The liver and spleen are within normal limits. The kidneys are below normal limits for size. The urinary bladder is mildly distended. There is adequate peritoneal serosal detail. There is multifocal spondylosis deformans in the imaged spine. Conclusion 1. Rounded heterogeneous opacity dorsal to the carina and may represent an esophageal foreign body or mass, a medially located pulmonary mass, or tracheobronchial lymphadenopathy. 2. Possible constipation. Correlate with clinical signs. 3. Bilateral small kidneys. Consider chronic renal disease. 4. Multifocal sites of spinal degenerative change. Recommendations Consider straight collimated thoracic radiographs to further evaluate the noted opacity. Read By: Kimberly Mulligan DVM, Diplomate ACVR

Feline

BREED

Calico

SEX

Beirnat

AGE

15 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

COMPUTED TOMOGRAPHY OF THE THORAX

A high resolution pre- and post-contrast CT study of the thorax is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Advanced spondylosis formation is seen multifocal along the cervical and thoracic spine. Multiple intervertebral disc spaces along the cervical spine are narrowed and the subchondral bone of the affected vertebral endplates presents moderate sclerosis.

Both thyroid glands are moderately enlarged and present a heterogeneous contrast enhancement pattern.

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 is uniform and considered within normal limits.

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

In the caudodorsal aspect of the right cranial lung lobe, a well-defined, irregular shaped, soft tissue attenuating lesion with multiple central gas pockets is appreciated, measuring 1.6 x 1.6 x 2.1 cm in size. Post contrast administration the thickened wall of the multicameral pulmonary lesion presents mild contrast enhancement without overt alteration/deviation of the local vasculature.

In the right caudal lung lobe and the cranial part of the left cranial lung lobe, a small (<2 mm) soft tissue attenuating nodular lesion is appreciated respectively ('Ditzel').

HOSPITAL NAME

Animal Emergency
Hospital Volusia

REFERRING VET

Carver

INVOICE

52561

DATE

6-23-22



PATIENT

The lung parenchyma presents the expected architecture and attenuation behavior.

Cheeto Biernat

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

SPECIES

The pictured parts of the liver present with small parenchymal filling defects.

Feline

COMPUTED TOMOGRAPHIC DIAGNOSIS

BREED

Calico

- Thick walled multicameral cavitory lesion caudodorsal aspect right caudal lung lobe
- 'Ditzel' in the right caudal and left cranial lung lobe
- Bilateral thyroid enlargement with heterogeneous contrast enhancement pattern
- Multifocal chronic discopathy along the cervical spine
- Suspect hepatic cysts
- Spondylosis deformans

SEX

Beirnat

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

15 Years

Although thick walled cavitory lesions are suggestive for bronchogenic carcinoma, due to the lack of alteration of the local pulmonary vasculature I consider the odds for an inflammatory lesion, such as preceding pulmonary abscess/zone with necrotizing pneumonia or parasitic pulmonary lesion higher. However, further differentiation will warrant histopathological examination – complete surgical excision of the mass by lobectomy of the right cranial lung lobe is considered feasible.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The appreciated two Ditzels are non-specific small soft tissue nodules with unknow dignity, they can present fibrosis, granuloma, mucous impaction, pneumonia or early stage of metastatic disease. Follow up CT in 6-8 weeks can be considered to check if the Ditzels are stationary or progressive in size.

HOSPITAL NAME

Animal Emergency
Hospital Volusia

The enlarged thyroid gland are suggestive for (non)functional thyroid adenoma – correlate with findings from blood work.

REFERRING VET

Carver

INVOICE

52561

DATE

6-23-22



PATIENT

Cheeto Biernat

SPECIES

Feline

BREED

Calico

SEX

Beirnat

AGE

15 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Emergency
Hospital Volusia

REFERRING VET

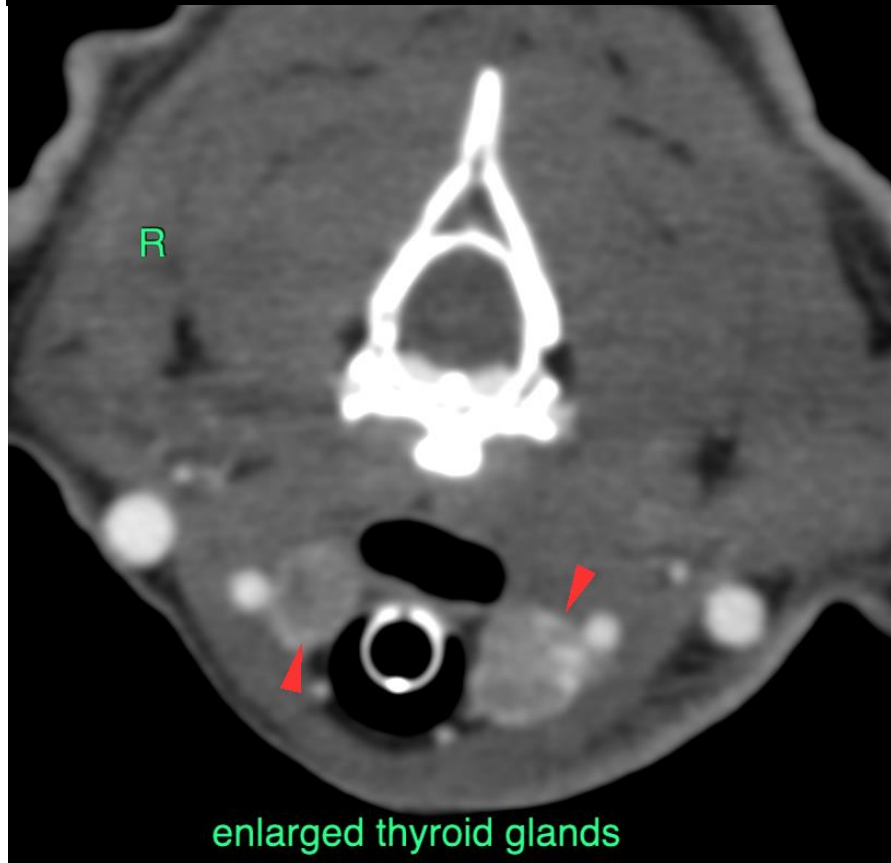
Carver

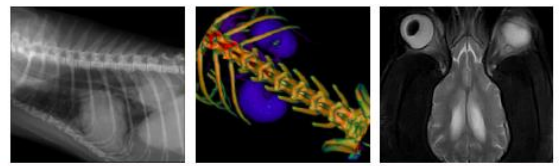
INVOICE

52561

DATE

6-23-22





PATIENT

Cheeto Biernat

SPECIES

Feline

BREED

Calico

SEX

Beirnat

AGE

15 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Emergency
Hospital Volusia

REFERRING VET

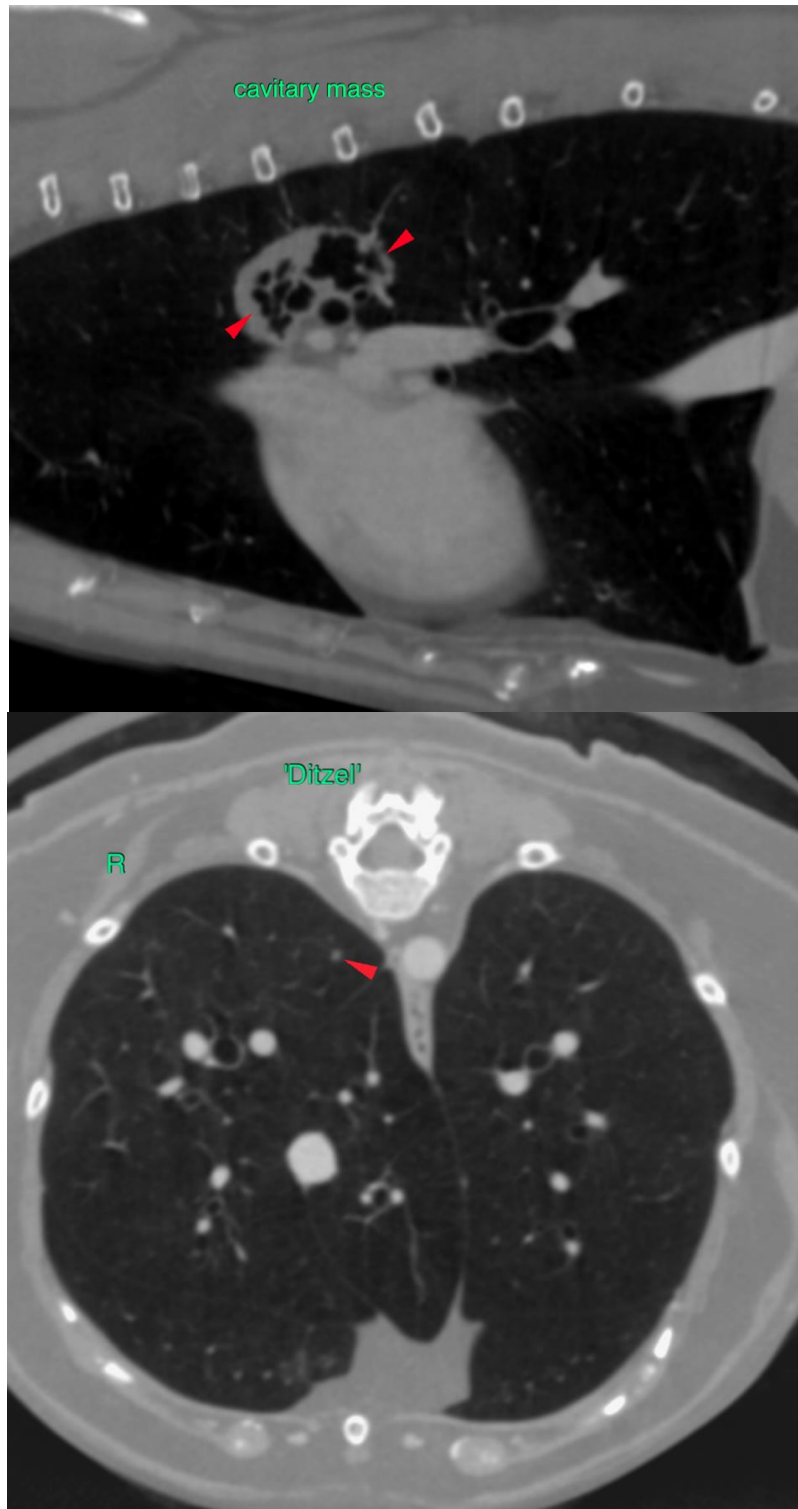
Carver

INVOICE

52561

DATE

6-23-22





PATIENT

Cheeto Biernat

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.

SPECIES

Feline

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.

BREED

Calico

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

SEX

Beirnat

AGE

15 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Emergency
Hospital Volusia

REFERRING VET

Carver

INVOICE

52561

DATE

6-23-22