



PATIENT

Kaylee Dollard

PRESENTING CLINICAL SIGNS

P presented for a dental today, O elected to have a routine geriatric CT scan performed. Abnormal PE/Chem/CBC/UA Results: Grade 2 dental tartar.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, THORAX, & ABDOMEN

Plain study of the thorax and plain and post contrast studies of the head and abdomen available for review.

BREED

Carolina Mix

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

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

SEX

FS

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio.

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

AGE

9 Years

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The lung parenchyma presents the expected architecture and attenuation behavior. Mild atelectatic changes of the lung accentuated in the left dorsal lung are seen.

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

HOSPITAL NAME

Catskill Veterinary
Services, PLLC

Abdomen

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

REFERRING VET

Dr. Daniela Carbone

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

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

Small isoattenuating slightly expansile nodules of up to 5mm diameter are seen in the splenic tail.

INVOICE

53755

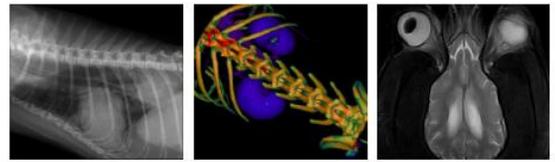
The liver presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

DATE

8-25-22

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.

Head

SPECIES

Canine

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.

BREED

Carolina Mix

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.

SEX

FS

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

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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.

INTERPRETED BY

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A fracture of the distal crown of the triadan 108 is seen. The pulp cavum appears to be closed. No significant concurrent periodontal changes are noted.

An inert tooth root remnant of the triadan 308 is seen.

Mild horizontal atrophy of the alveolar crest is noted in all quadrants.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Uncomplicated crown fracture of the triadan 108.
- Inert tooth root remnant triadan 308.
- Mild horizontal alveolar bone atrophy in all quadrants.
- Isoattenuating splenic nodules- otherwise normal CT findings of the thorax and abdomen.

REFERRING VET

Dr. Daniela Carbone

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The dentition of the patient is incomplete. The crown of the triadan 308 is absent. An inert tooth root remnant is seen with no significant periodontal changes. There also is an uncomplicated crown fracture of the distal crown of the triadan 108. The alveolar bone atrophy appears to be within age related normal limits. Correlation with the clinical dental findings recommended.

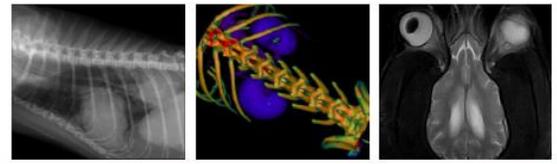
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Differential diagnosis for the isoattenuating splenic nodules includes extramedullary hematopoiesis, benign nodular hyperplasia, hemosiderin deposits primarily. Early neoplastic infiltrate cannot be ruled out entirely but is thought by far less likely. Further ultrasonographic monitoring with or without fine needle aspiration of the splenic tissue/nodules could be considered.



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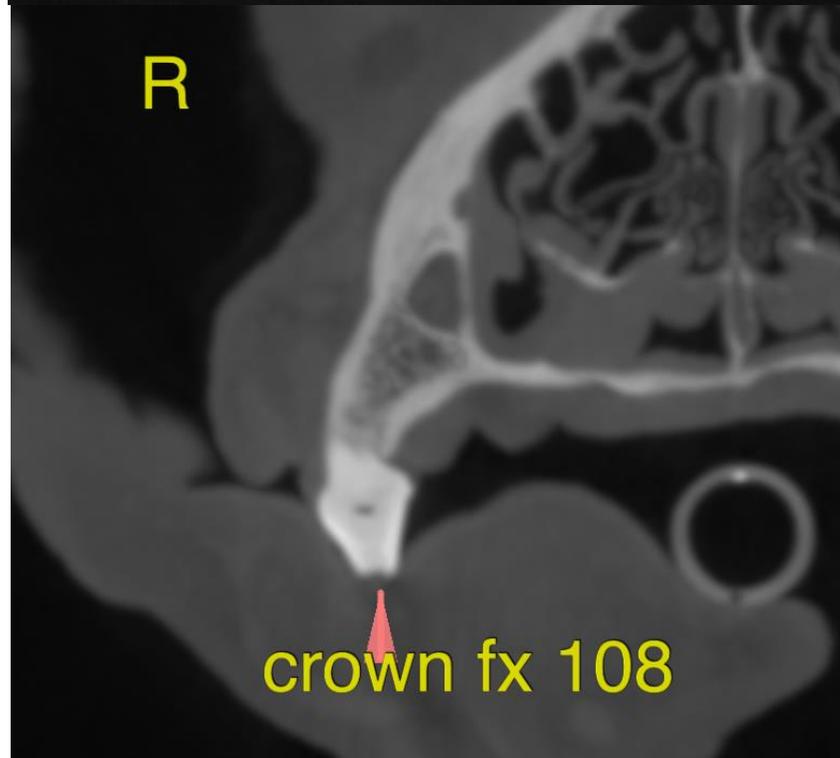
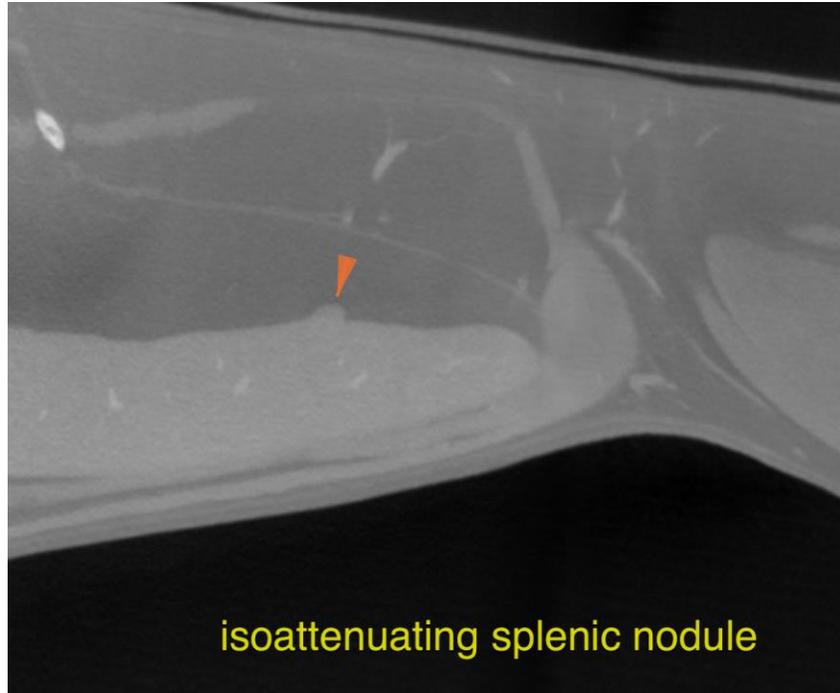
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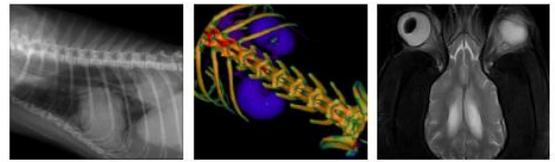
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Canine

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

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