



PATIENT PRESENTING CLINICAL SIGNS

Ariel Torres History: Coughing when eating, not resolving with medications
Abnormal PE/Chem/CBC/UA Results:

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL, THORAX AND ABDOMEN

Ferret A high resolution pre- and post-contrast CT study of the skull and abdomen and a post-contrast CT study of the thorax are provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Mustelid **Skull**

SEX

Female

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. The caudal margin of the soft palate a soft tissue membrane is extending dorsally to the roof of the nasopharynx.

AGE

1 Years

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

The wall of the right tympanic bulla is significantly thickened and the right tympanic bulla contains a moderate amount of soft tissue material. The external ear canals are within normal limits.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

Thorax

HOSPITAL NAME

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

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

REFERRING VET

Dr. Xavier Meaux

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.

The dorsal aspect of the left lung lobes presents zones with ground glass attenuation pattern and a decreased volume. The remainder of the lung parenchyma present the expected architecture and attenuation behavior.

INVOICE

22004

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

DATE

4/14/23

Abdomen

**PATIENT**

Ariel Torres

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

SPECIES

Ferret

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration both kidneys present well-defined roundish parenchymal filling defects throughout the renal cortex.

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

BREED

Mustelid

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

The spleen is prominent and has rounded margins.

SEX

Female

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

Multiple mesenteric lymph nodes are prominent.

AGE

1 Years

The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS**INTERPRETED BY**Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

- Soft tissue membrane caudal margin soft palate
- Right sided chronic otitis media
- Splenomegaly
- Lymphadenopathy multiple mesenteric lymph nodes
- Zones of dystelectasis dorsal aspects left lung lobes
- Renal cortical cysts

HOSPITAL NAMEMobiel Pet Imaging
CFL**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The soft tissue membrane at the caudal margin of the soft palate can present a congenital malformation with an imperforate nasopharyngeal soft tissue membrane, acquired stricture or also a temporary band of mucus (considered less likely). If a soft tissue membrane can be confirmed by retrograde evaluation of the nasopharynx, it is a plausible explanation for the presenting clinical signs and potential trigger for the right sided otitis media.

REFERRING VET

Dr. Xavier Meaux

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The appreciated lymphadenopathy can be secondary to (sub)clinical gastrointestinal inflammatory. However, due to the quite significant enlargement of the respective lymph node, round cell tumor is a consideration and ultrasound guided FNA sampling can be used as advanced minimally invasive diagnostic tool.

DATE

4/14/23



PATIENT Ariel Torres
Potential causes for splenomegaly include extramedullary hematopoiesis, neoplasia (especially lymphoma), lymphoid or myeloid hyperplasia, hypersplenism and infectious diseases. The splenomegaly might be accentuated by general anesthesia.

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Ferret

BREED

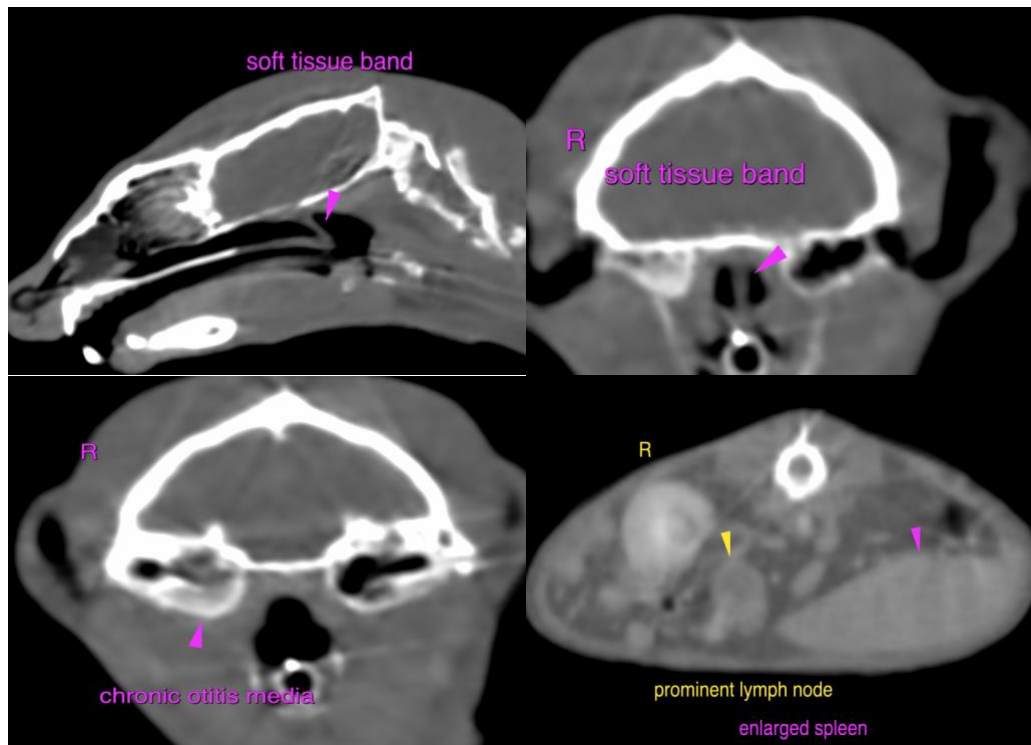
Mustelid

SEX

Female

AGE

1 Years



INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

HOSPITAL NAME

Mobiel Pet Imaging
CFL

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.

REFERRING VET

Dr. Xavier Meaux

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

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DATE

4/14/23



PATIENT

Ariel Torres

SPECIES

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BREED

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SEX

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