



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Keiley Fernandez **PRESENTING CLINICAL SIGNS** History: *DVM pet. 2 week Hx of not being herself. Dull mentation at times, low head carriage, drinking more than usual. Sometimes she appears somewhat normal but never 100%. Suspected Cushings but labs not consistent. Some episodes of circlings. Good proprioception on all limbs.

SPECIES Canine **Abnormal PE/Chem/CBC/UA Results:** *DVM pet. HCT 56.7 Cl 103, ALP 421 (548 today), Chol 464, Lipa 421, CK 228

BREED COMPUTED TOMOGRAPHIC STUDY OF THE SKULL, THORAX AND ABDOMEN

BREED Maltipoo **COMPUTED TOMOGRAPHIC STUDY OF THE SKULL, THORAX AND ABDOMEN** 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.

SEX COMPUTED TOMOGRAPHIC FINDINGS

SEX Spayed Female **Skull:** The tooth elements 105, 107, 207,305-307, 311, 405, 407 and 411 are absent. Triadan 102 presents a marked widening of the periodontal space with perforation of the nasal cavity.

AGE 8 Years **COMPUTED TOMOGRAPHIC FINDINGS** The nasal cavity presents the expected aerated spaces between thin and even conchae and turbinates with smooth mucosal lining.

INTERPRETED BY Sebastian Schaub, DVM Dr. med. vet. DipECVDI **INTERPRETED BY** Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

HOSPITAL NAME Mobile Pet Imaging **INTERPRETED BY** Sebastian Schaub, DVM Dr. med. vet. DipECVDI **INTERPRETED BY** Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

HOSPITAL NAME Mobile Pet Imaging **HOSPITAL NAME** The brain presents no deviation from normal anatomy and symmetry. Post contrast administration, in the right frontal lobe, an irregular shaped, ill-defined contrast enhancing region measuring 6 x 4 x 5 mm in size is visible. A second faint contrast enhancing region is visible within the left and right caudate nucleus respectively. The ventricular system is non-dilated and symmetric.

REFERRING VET Meaux **REFERRING VET** 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:

INVOICE 12618 **INVOICE** The bony and surrounding soft tissue structures are within normal limits.

DATE 8/19/21 **INVOICE** 12618 **INVOICE** 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.



PATIENT

Keiley Fernandez

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

A moderate dorsoventral flattening of the intrathoracic segment of the trachea is visible and moderate dorsoventral flattening of the principal bronchi bilateral is seen.

SPECIES

Canine

The lung parenchyma presents the expected architecture and attenuation behavior.

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

BREED

Maltipoo

Abdomen:

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

SEX

Spayed Female

Both kidneys present within normal limits for size, shape and organ architecture. A moderate amount of mineralized material is associated with the renal pelvis bilaterally. After contrast administration the left kidney presents a well-defined roundish parenchymal filling defect.

AGE

8 Years

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

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

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

The hepatic volume is moderately increased and the caudoventral margins are rounded. The liver is protruding caudally beyond the costal arch and the gastric axis is displaced caudally.

In the gallbladder, sedimented hyperattenuating material is visible.

HOSPITAL NAME

Mobile Pet Imaging

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.

REFERRING VET

Meaux

The bony and surrounding soft tissue structures – including the pelvis and hind limbs – reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

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- Intracranial intraaxial asymmetric contrast enhancing lesions
- Tracheal and bronchial collapse
- Hepatomegaly
- Gallbladdersludge without evidence of obstruction

DATE

8/19/21



PATIENT

- Left sided renal cortical cyst
- Multiple absent teeth

Keiley Fernandez

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

The contrast enhancing intraaxial lesions are suggestive for meningoencephalitis of unknown origin such as granulomatous meningoencephalitis. Neoplastic disease of the brain such as lymphoma or less likely metastasis is a potential but considered less likely. If not done so yet, complementing workup by a CSF tap is mandatory for further definition. Recommend testing for possible infectious agents (e.g. Neosporosis, Toxoplasmosis) as well.

BREED

Maltipoo

Potentials for the hepatomegaly include metabolic hepatic disease, hepatitis or diffuse neoplastic infiltration. In case of doubt, ultrasound guided FNA sampling and/or Tru-cut biopsy can be used as minimally invasive methods for further workup.

SEX

Spayed Female

AGE

8 Years

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
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HOSPITAL NAME

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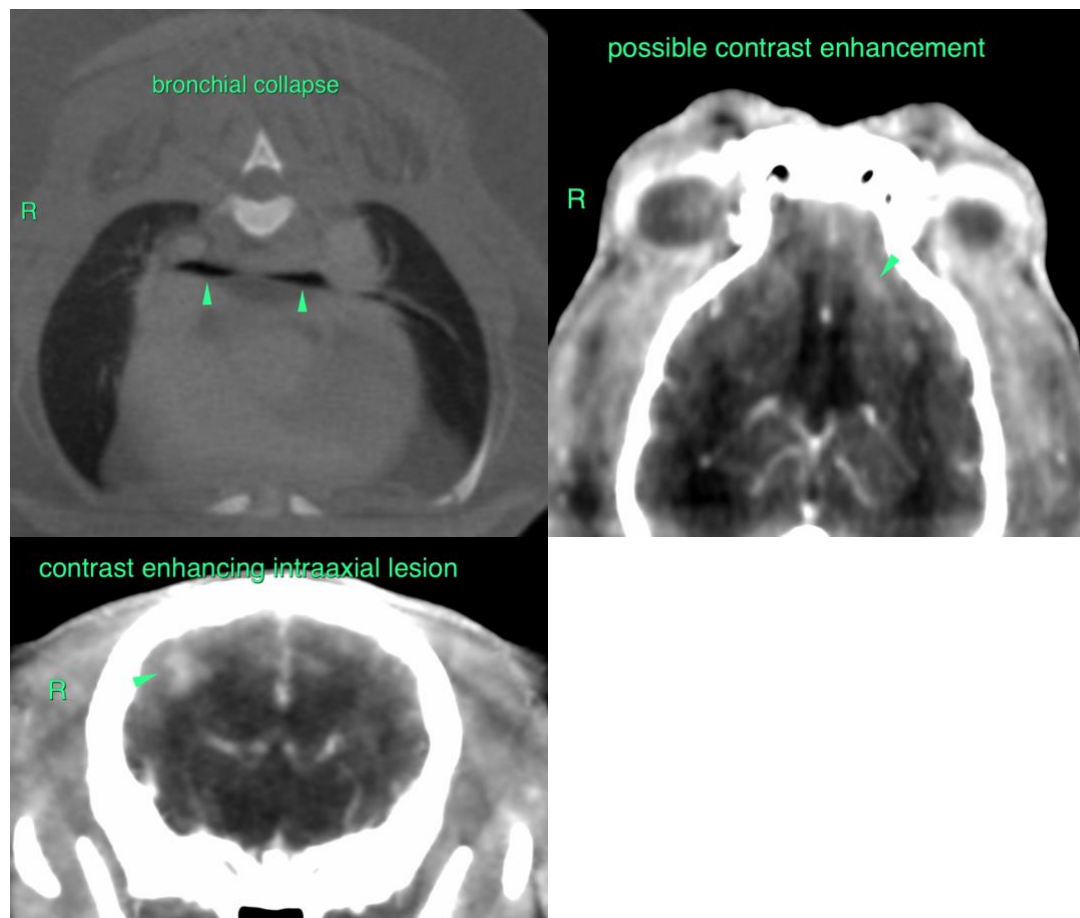
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The information and recommendations provided are based on the images presented by the



PATIENT referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Keiley Fernandez

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

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BREED

Maltipoo

SEX

Spayed Female

AGE

8 Years

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