



PATIENT PRESENTING CLINICAL SIGNS

Bella Matos History: Patient presented to evaluate for seizures. Had about 6 seizures last night. Historical seizures, but no neurological abnormalities, normal cranial nerves and mentation. Abd and Thorax X-Ray: no major abnormalities.

SPECIES

Canine Abnormal PE/Chem/CBC/UA Results: CBC --- unremarkable CHEM --- SDMA increased 22ug/dL, BUN 33mg/dL, PHOS 8.5mg/dL, ALT no results suggested severe increased, ALKP 457U/L, GGT 21U/L, CI 124mmol/L Total T4 --- low normal

BREED COMPUTED TOMOGRAPHIC STUDY OF THE SKULL, THORAX AND ABDOMEN

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

SEX COMPUTED TOMOGRAPHIC FINDINGS

Spayed Female **Skull**

AGE

12 Years Multiple teeth are absent. The remaining teeth present evidence of moderate periodontal disease. The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

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

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

Veterinary Image
Center

Post contrast administration, centered on the rostral third of the falx cerebri, a plaque like irregular marginated, heterogeneous strong contrast enhancing mass is visible. In the dorsal aspect two post contrast hypoattenuating cystic lesions are appreciated. The falx cerebri presents a mild midline shift to the left. The brain parenchyma adjacent to the plaque like mass is distorted.

REFERRING VET

Dr. G. Ferrer, DVM

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

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 is uniform and considered within normal limits.

DATE

4/6/22



PATIENT

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

SPECIES

Canine The lung parenchyma presents the expected architecture and attenuation behavior.

BREED

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

Chihuahua

Abdomen

SEX

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

Spayed Female

Both kidneys present irregular margins and a decreased volume. Post contrast administration, the nephrogram bilaterally is irregular with hypoattenuating zones.

AGE

12 Years

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.

INTERPRETED BY

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The portal vein presents a normal order of its tributary veins and intrahepatic branching. No abnormal vessel is noted inside and outside of the liver parenchyma.

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

HOSPITAL NAME

Veterinary Image
Center

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

The bony and surrounding soft tissue structures reveal no abnormalities.

REFERRING VET

Dr. G. Ferrer, DVM

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Intracranial extraaxial plaque like mass associated with the rostral segment of the falx cerebri
- Chronic nephropathy – likely secondary to chronic interstitial nephritis/glomerulonephritis
- Generalized moderate periodontal disease of the remaining teeth
- Multiple absent teeth
- Structural normal thorax

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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Bella Matos

The radiographic study is compatible with an intracranial extraaxial neoplasm, likely originating from the meningeal lining of the falx cerebri. The top differential is en plaque meningioma. Round cell tumor is a potential as well. The finding is explaining the presenting clinical signs. The chances of conservative anticonvulsive management as well as radiation therapy can be discussed with oncologist&neurologist.

SPECIES

Canine

BREED

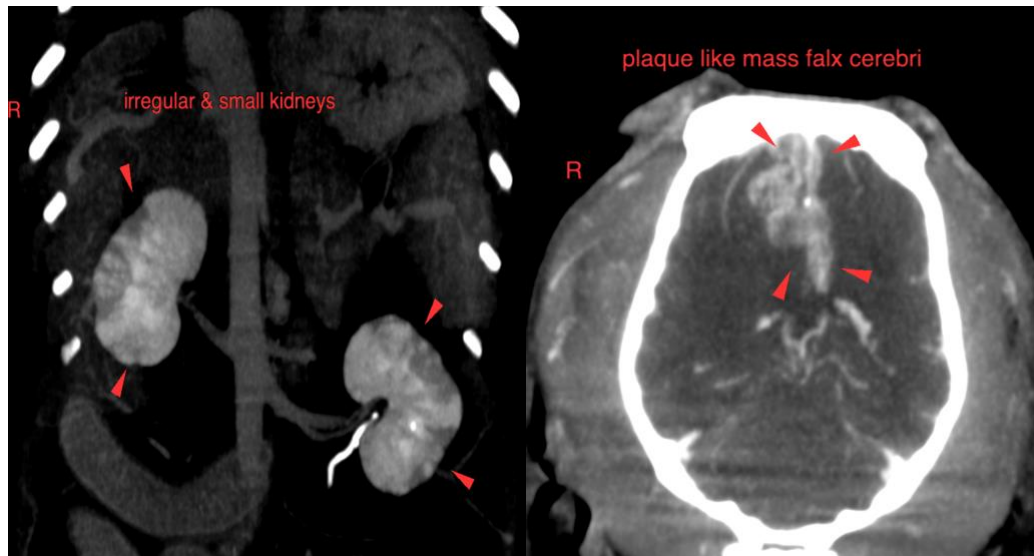
Chihuahua

SEX

Spayed Female

AGE

12 Years



INTERPRETED BY

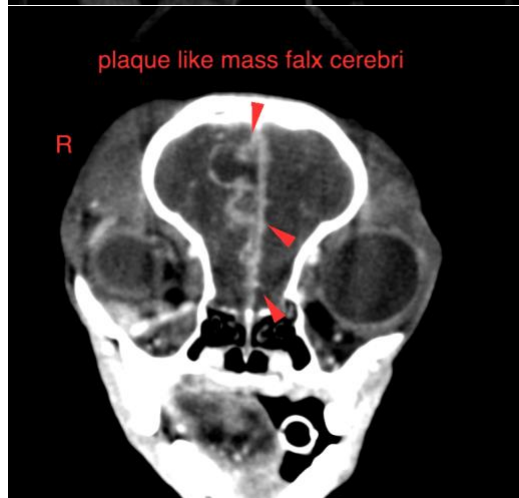
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REFERRING VET

Dr. G. Ferrer, DVM



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.

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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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SPECIES

Canine

BREED

Chihuahua

SEX

Spayed Female

AGE

12 Years

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