



PATIENT PRESENTING CLINICAL SIGNS

Bonnie Mathis Historic mild liver enzyme elevations; Acute anisocoria with ectropion OS on 7/31/22; thoracic radiographs NSF. Recommend CT to rule out underlying mediastinal changes, neoplasia, inflammation, etc. Medications: Denamarin, ostimax

SPECIES Abnormal PE/Chem/CBC/UA Results: Persistent anisocoria (OS miotic), improved ectropion
Canine Chemistry ALT 300 (RR 10-125), otherwise WNL Thoracic radiographs 7/31 WNL

COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

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

BREED COMPUTED TOMOGRAPHIC FINDINGS

Pit Bull Mix Regarding the anatomy, electronic imaging markers are flipped, R is actually indicating the left side of the patient and vice versa.

SEX Skull

Female Spayed The tooth elements 208 and 310 are absent.

AGE The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

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

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.

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

HOSPITAL NAME 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.

Petroglyph Animal
 Hospital

The osseous and soft tissue structures of the neck present without abnormalities.

REFERRING VET Thorax

Whitney Jones The subchondral bone of the vertebral endplates T8/T9, T9/T10 and T11/T12 to T13/L1 presents multiple variable sized moth eaten osteolytic lesions. Multifocal moderate spondylosis formation is seen along the thoracolumbar junction.

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.

53481

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

DATE The volume of the lung parenchyma is moderately decreased, and multiple ground glass attenuating regions are noted throughout the lung parenchyma, R>L.

8-15-22

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



PATIENT abnormal dilation.

Bonnie Mathis

COMPUTED TOMOGRAPHIC DIAGNOSIS

SPECIES

Canine

- Absent triadan 208 and 310
- Chronic osseous remodeling with Schmorl's nodules
- Compression atelectasis of the lung, R>L, likely secondary to general anesthesia
- Spondylosis deformans

BREED

Pit Bull Mix

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study presents without macromorphological abnormalities, explaining the presenting clinical signs.

If not yet done so the workup should be complemented by examination of CSF and complete bloodwork by T4 value. In case of the strong clinical suspicion of structural intraparenchymal changes an MRI may be considered. A transient ischemic insult might be a consideration as well.

SEX

Female Spayed

AGE

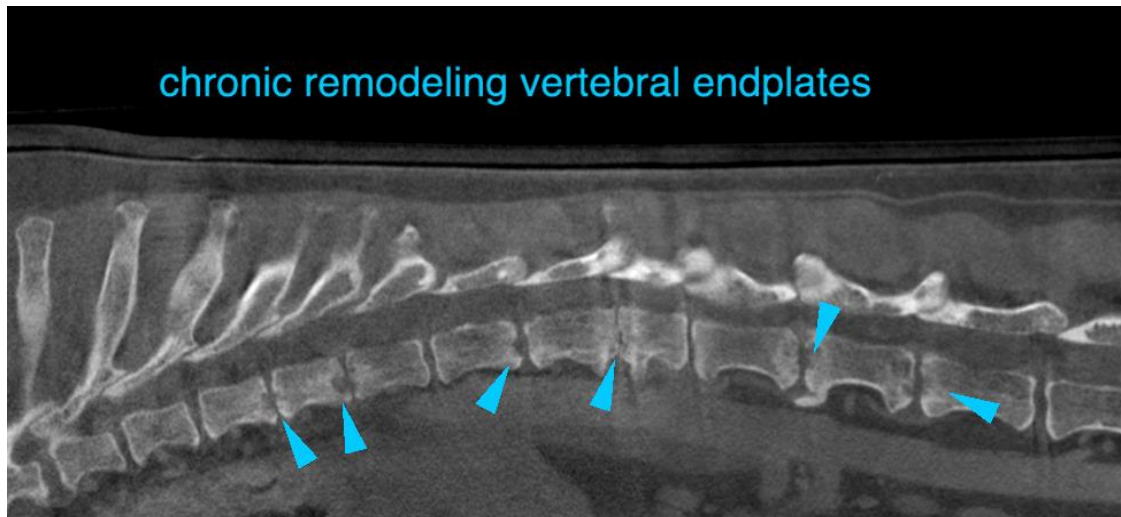
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HOSPITAL NAME

Petroglyph Animal
Hospital



REFERRING VET

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INVOICE

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SPECIES

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Pit Bull Mix

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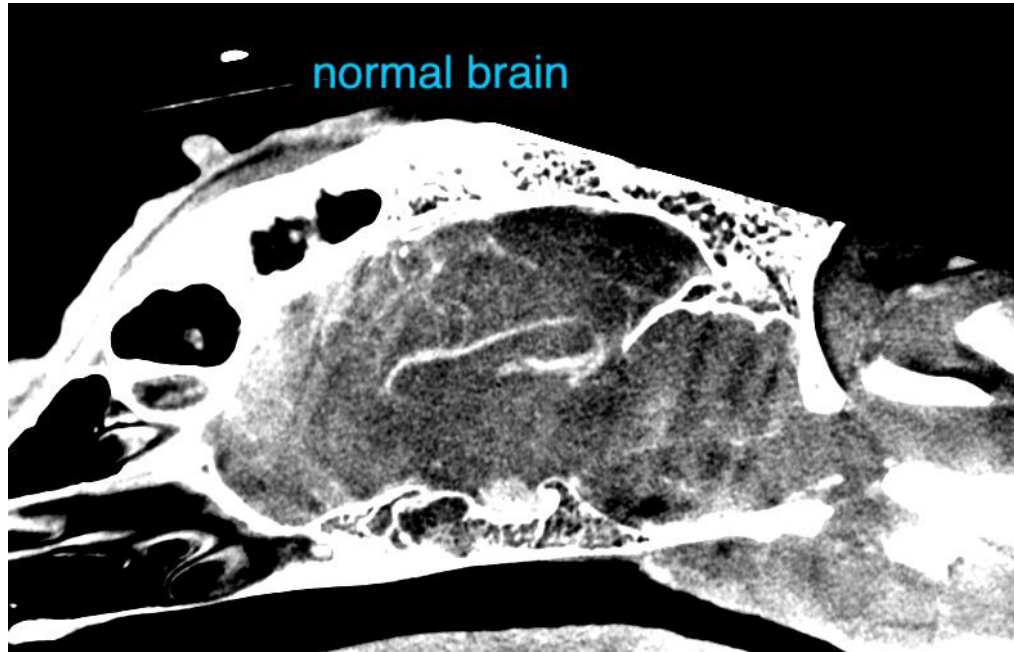
Whitney Jones

INVOICE

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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.

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