



**PATIENT**

Hachi Phillips

**SPECIES**

Canine

**BREED**

Great Pyrenees Mix

**SEX**

MN

**AGE**

9

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Southern Oregon  
Veterinary Specialty  
Center

**REFERRING VET**

Dr. Rory Applegate

**INVOICE**

14708ag

**DATE**

08/26/2023

**PRESENTING CLINICAL SIGNS**

Incident of severe obtundation, strabismus, inability to ambulate. Hypothyroidism diagnosed and moderately responsive to initiation of levothyroxine. Persistent inducible strabismus, progressive incoordination when drinking and no longer chews food. No additional historical issues and no additional cranial nerve signs. Patient has concurrent arthritic concerns and has had some improvements in comfort with intentional weight loss.

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD AND ABDOMEN**

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

**COMPUTED TOMOGRAPHIC FINDINGS**

**Head**

The abdominal studies right left assessment is limited due to presence of motion related and stack stitching artefacts.

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchyma 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.

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.

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.

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.

The visible dentition is within normal limits.

**Abdomen**

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



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effusion or peritonitis.

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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.

**SPECIES**

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

Canine

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

**BREED**

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

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

**SEX**

The bony and surrounding soft tissue structures reveal no abnormalities.

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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Normal CT presentation of the head and abdomen.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study does not reveal evidence of structural brain pathology. CT offers limited sensitivity with regards to cerebrovascular hypoxic, endocrinologic, metabolic, infectious, inflammatory and other brain pathologies.

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An MRI could be considered should the patient remain clinical or deteriorate.

No evidence of hepatopathy or portosystemic shunt was identified in the CT study of the abdomen.

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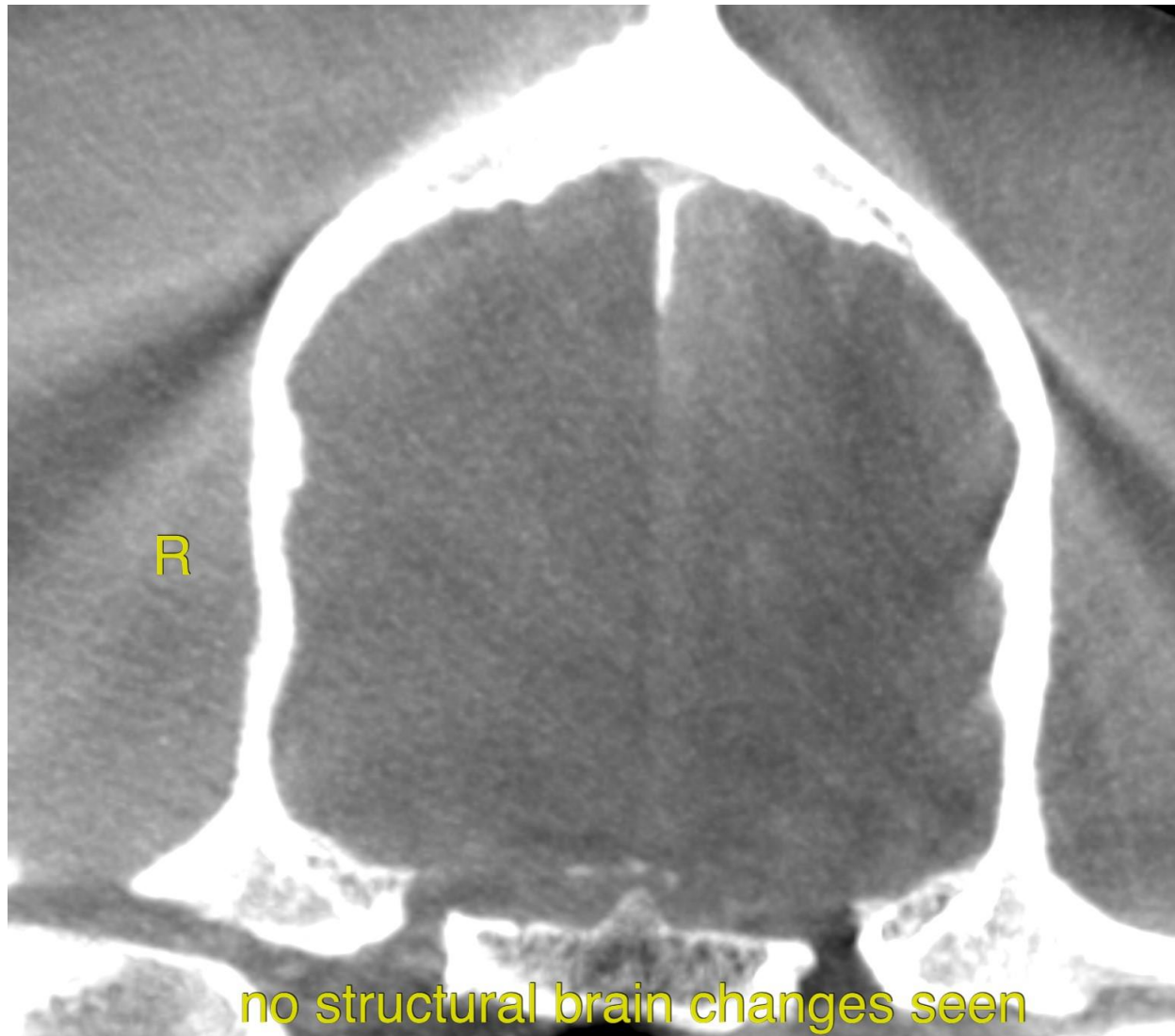
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**The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

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.

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