



PATIENT PRESENTING CLINICAL SIGNS

Finn Evans Presented 11/13 for - not seeing as well as Owner thinks he should. O has also noticed a developing cough. Radiographs IMPRESSIONS: The increased soft tissue opacity superimposed over the pharynx may represent a summation artifact; however, laryngoscopy is recommended to rule out mass, inflammation, etc. The diffuse bronchial changes warrant ruling out chronic lower airway inflammation / disease. Generalized cardiomegaly and suspected left atrial enlargement suggestive of MR. Hepatomegaly, with suspected choleliths.
Abnormal PE/Chem/CBC/UA Results: Heart murmur 3-4/6

SPECIES

Canine

BREED

Chihuahua Mix

COMPUTED TOMOGRAPHY 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

Male Neutered

COMPUTED TOMOGRAPHIC FINDINGS

Skull

The tooth elements 102-107, 109, 110, 203, 205, 206, 208-210, 301, 305-307, 311, 401, 405-407 and 411 are absent.

AGE

7 Years

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. No abnormalities are noted in the laryngeal region/pharynx.

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.

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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.

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.

REFERRING VET

Meaux

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.

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Thorax

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

Moderate dorsoventral flattening of the intrathoracic segment of the trachea is noted. The left principal bronchus is compressed.

DATE

11-30-21

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

Finn Evans 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.

SPECIES The lung parenchyma presents the expected architecture and attenuation behavior, the right cranial lung lobe presents mild dystelectasis.
Canine

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

Abdomen

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

SEX Both kidneys present within normal limits for size, shape and organ architecture. A mild amount of mineralized material is associated with the left renal pelvis. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.
Male Neutered

AGE The left adrenal gland is within normal limits for size, shape and organ architecture. Originating from the right adrenal gland, an ovoid shaped soft tissue mass is visible measuring 1.1 x 1.3 x 1.5 cm in size and presenting mild central mineralization. The caudal vena at the same level is mildly distorted with a uniform contrast filling. The right adrenal mass presents a heterogeneous contrast enhancement pattern.
7 Years

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

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The hepatic volume is mild to moderately increased and the caudoventral margins are mildly rounded. The hepatic parenchyma is uniform soft tissue attenuating and contrast enhancing.

Within the gallbladder two mineral attenuating roundish calculi are visible, measuring 2.6 mm in diameter.

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Meaux

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.

The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

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- Right adrenal mass, without evidence of vascular invasion
- Tracheal collapse, intrathoracic segment and tracheal collapse
- Hepatomegaly
- Multiple absent teeth, see above



PATIENT

Finn Evans

- Mild nephrolithiasis without evidence of obstruction
- No evidence of pulmonary metastatic disease

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

The adrenal mass is compatible with primary adrenal neoplasia, such as adenoma, adenocarcinoma or pheochromocytoma. Complete surgical excision appears feasible, there is no evidence of vascular invasion, but adhesions with the caudal vena cava might be possible.

BREED

Chihuahua Mix

The history of cough is likely a sequela to the tracheal & bronchial collapse. Recommend empirical conservative management.

No pathology of the larynx & pharynx is appreciated.

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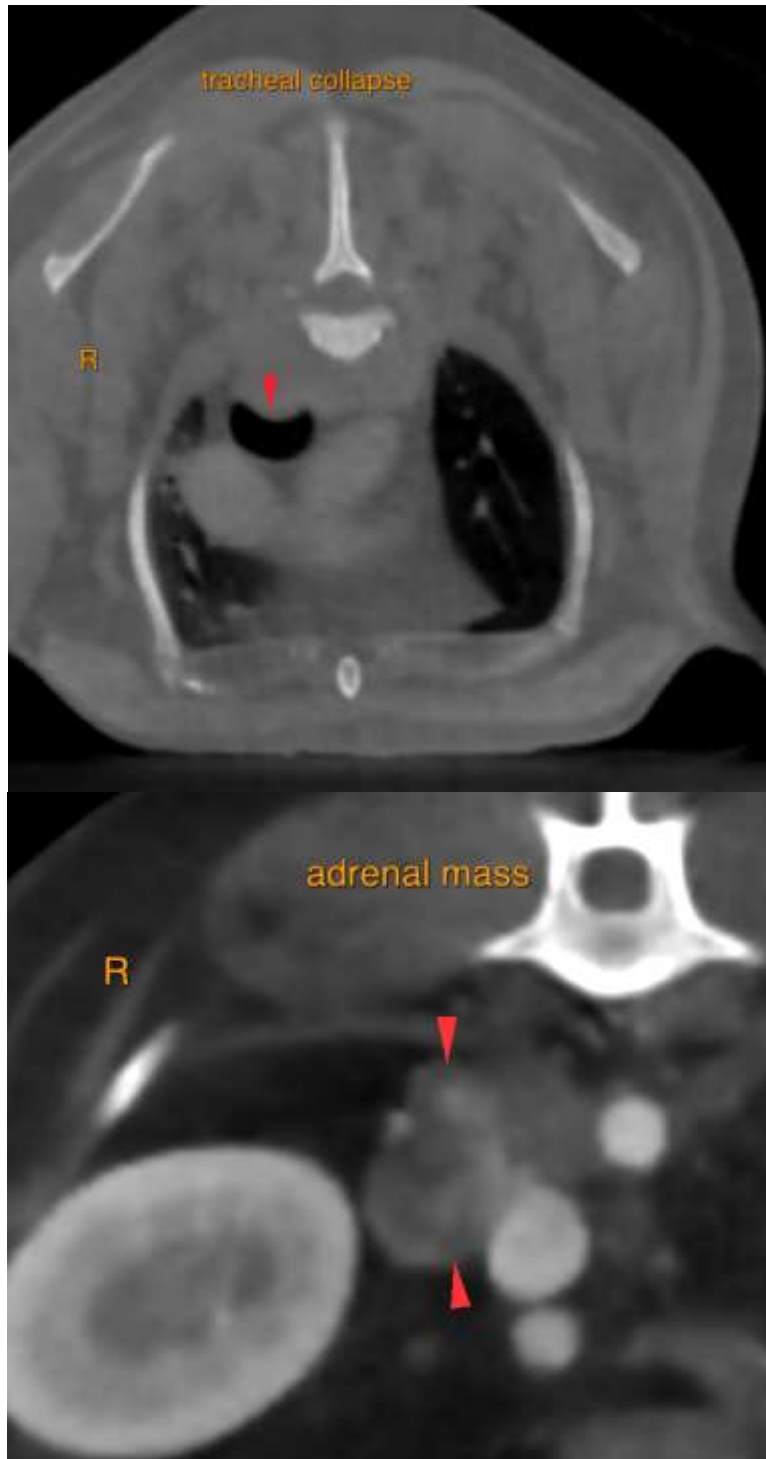
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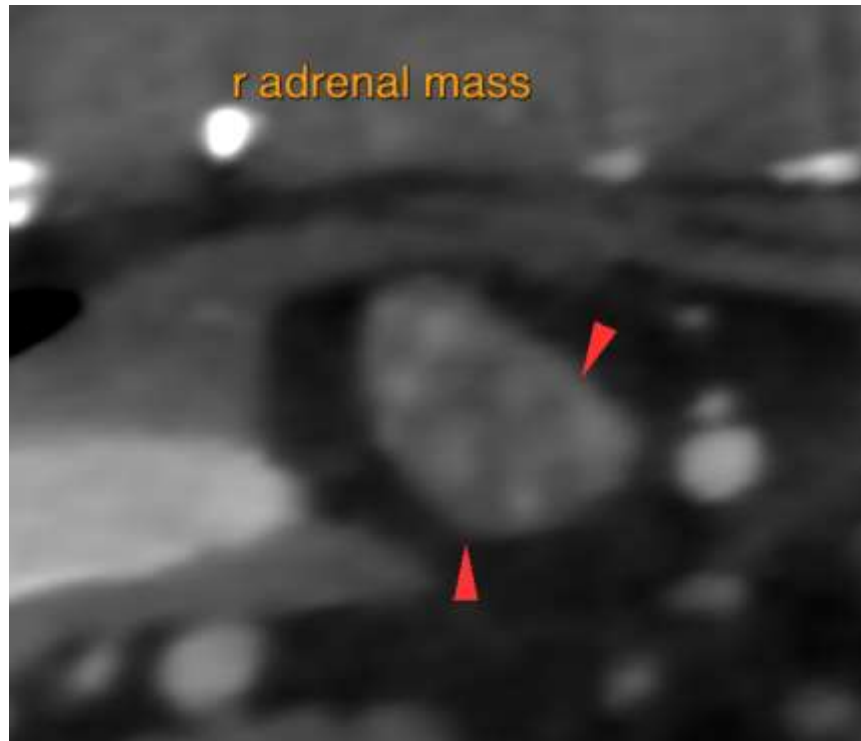
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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