



PATIENT PRESENTING CLINICAL SIGNS

Peanut Kramer History: Presented for not eating. Hx of seizures (had a couple recently), pancreatitis, IBD. Abnormal PE/Chem/CBC/UA Results: ALP 544 Hepatomegaly Previous pelvic limb surgeries

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL, THORAX AND ABDOMEN

Canine 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.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Yorkshire Terrier **Skull**

The tooth elements 106, 206, 301, 311, 406 and 411 are absent.

SEX

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

AGE

11 Years 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.

INTERPRETED BY

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

Mobile Pet Imaging **Thorax**

The vertebral endplates C6/C7 and C7/T1 present moderate spondylosis formation. The 5th right rib presents with a transverse fracture in the distal third, bridged by solid callus formation.

REFERRING VET

Meaux 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 are uniform and considered within normal limits.

INVOICE

13282 The cardiovascular structures including the pulmonary vasculature are within normal limits.

Moderate dorsoventral flattening of the most caudal aspect of the tracheal/carina including the principal bronchi bilaterally is seen.

DATE

1/6/22



PATIENT

Peanut Kramer

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

SPECIES

Canine

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

Abdomen

BREED

Yorkshire Terrier

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis. A separate left and right caudal vena cava of the pre-renal segment is seen.

SEX

Spayed Female

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a both kidney present roundish, well-defined parenchymal filling defects.
The adrenal glands are within normal limits for size, shape and organ architecture.

AGE

11 Years

The spleen presents with normal shape, even surface, uniformly attenuating parenchyma and mild heterogeneous contrast enhancement pattern.
The hepatic volume is moderately increased, and the margins are protruding caudally beyond the costal arch. The caudoventral hepatic margins are rounded. The hepatic parenchyma is uniform soft tissue attenuating and contrast enhancing.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

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

HOSPITAL NAME

Mobile Pet Imaging

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

REFERRING VET

Meaux

The vertebral endplates L5/L6 present moderate spondylosis formation. Both coxofemoral joints present moderate to marked osteophyte new bone formation. The acetabular groove bilaterally is shallow, and the center of the femoral heads is lateral to the dorsal acetabular rim.
Surgical implants – orthopedic plates – are seen along the diaphysis of the femora bilaterally and the right tibia.

COMPUTED TOMOGRAPHIC DIAGNOSIS

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- Hepatomegaly
- Mild heterogeneous contrast enhancement splenic parenchyma
- Bronchial collapse main stem bronchi bilaterally
- Advanced degenerative osteoarthritis coxofemoral joints bilaterally, due to hip dysplasia

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PATIENT

Peanut Kramer

- Chronic discopathy C6/C7, C7/T1 and L5/L6
- Multiple absent teeth, see above
- History of surgical fracture repair both hind limbs
- Renal cortical cysts
- Double caudal vena cava, pre-renal segment
- Spondylosis deformans
- No evidence of pulmonary metastatic disease

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Yorkshire Terrier

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

The mild heterogeneous contrast enhancement pattern of the liver is likely due to nodular hyperplasia ± extramedullary hematopoiesis. FNA sampling can be used to confirm the diagnosis and rule out malignant infiltration.

AGE

11 Years

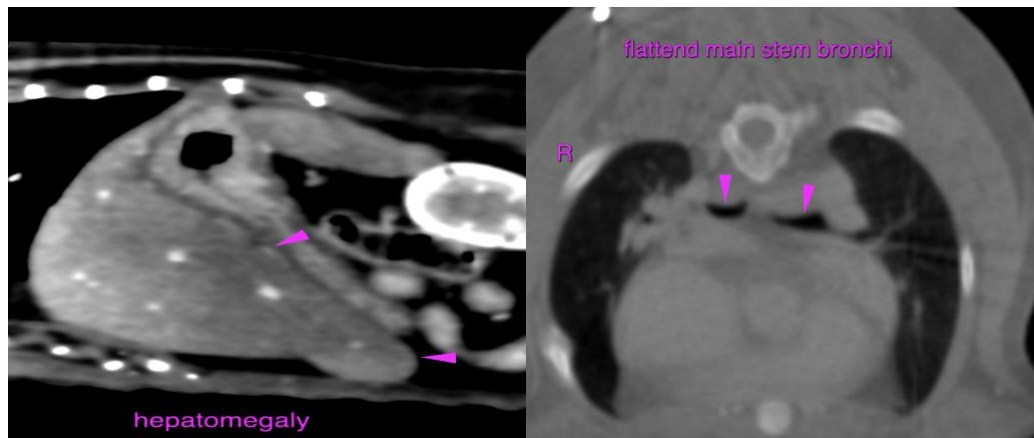
The bronchial collapse can be accentuated by the local anatomical conditions and due to the lack of respective clinical signs, the relevance is questionable.

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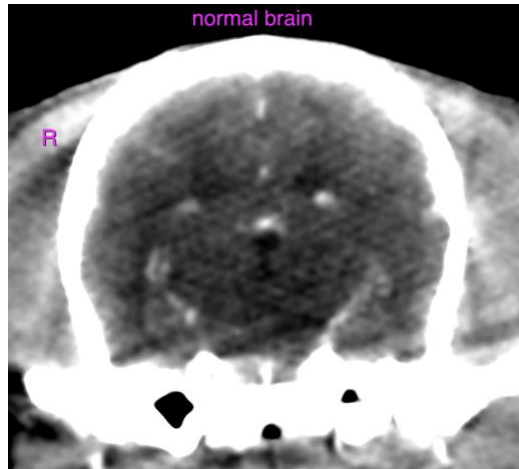
Peanut Kramer

SPECIES

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BREED

Yorkshire Terrier



SEX

Spayed Female

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.

AGE

11 Years

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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