



PATIENT PRESENTING CLINICAL SIGNS

Abby Linden Evaluation of a bladder mass. She started to display signs of hematuria and pollakiuria in December 2022 where urinalysis revealed a USG of 1.025 with presence of blood, transitional epithelial cells, white blood cells and protein. Convenia and gabapentin were prescribed/ injected and urine culture was no growth

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Plain and post contrast studies in soft tissue, bone, and lung windows available for review.

BREED

Toy Poodle

COMPUTED TOMOGRAPHIC FINDINGS

Abdomen

SEX

FS

The urinary bladder is moderately distended. An approximately 1.5 x 1.5 x 1 cm sized soft tissue attenuating mass with focal mineralization and nonuniform enhancement is seen in the craniodorsal aspect of the urinary bladder. Transmural loss of wall layering is noted. The surface of the urinary bladder mass is irregular, and cauliflower shaped. The region of the vesico-trigone, ureteral papillae, and urinary bladder neck is not involved respectively. The urethra presents within normal limits.

AGE

10 Years

The regional lymph nodes in the hypogastrium present within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

There is an approximately 3.5 cm sized cavitated nonuniformly enhancing mass within the right division of the liver involving the right caudate lobe. A mass effect onto the caudal vena cava and portal vein is noted. Occasional hypoenhancing nodules are seen within the remainder of the liver. There is no obvious interference with the common bile duct.

The gallbladder is severely distended. A moderate amount of nonmineralized sediment is seen within the gallbladder.

HOSPITAL NAME

Animal Health Partners

Both kidneys present an irregular surface with multiple concave surface retractions, heterogeneous nephrogram, and a moderate amount of mineral attenuating material within the renal diverticuli and renal pelvis. The left kidney is moderately reduced in size.

REFERRING VET

Dr Jeffery Biskup

The spleen and pancreas present within age related normal limits.

Patient has a history of bilateral stifle surgery with implants in the proximal tibiae. Streak artifacts emanate from the orthopedic devices.

INVOICE

56537

L2/3 spondylosis deformans is seen. A moderately compressive mineralized disc hernia is seen between T13 and L1.

Both coxofemoral joints present moderate dysplastic and osteoarthritic changes.

Muscle wasting of both hind limbs and the spinal musculature are noted.

DATE

2-2-23

Thorax

Multiple subcutaneous nodules are seen.



PATIENT Bilateral elbow osteoarthritis is noted.

Abby Linden 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.

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

Canine Moderate to severe collapse of the trachea is noted accentuating the region of the thoracic inlet.

BREED 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.

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

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

FS

COMPUTED TOMOGRAPHIC DIAGNOSIS

AGE 10 Years

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- Craniodorsal urinary bladder wall soft tissue mass meeting neoplastic criteria.
- No evidence of metastatic disease to the regional lymph nodes or lung.
- Right divisional liver mass meeting neoplastic criteria.
- Liver nodules.
- Chronic bilateral hypercalcemic nephropathy.
- Presumably chronic compressive disc hernia, T13/L1.
- Spondylosis deformans
- Bilateral hip dysplasia and coxofemoral joint osteoarthritis.
- History of bilateral stifle surgery.
- Muscle atrophy of the hind limbs and axial musculature.
- Bilateral elbow osteoarthritis.
- Dynamic tracheal disease.

HOSPITAL NAME

Animal Health
Partners

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

Dr Jeffery Biskup

The CT study confirms presence of a urinary bladder mass meeting neoplastic criteria. The mass is in a resectable position. No ureteral or urethral involvement is seen. Transitional cell carcinoma is considered by far most likely. Other carcinoma, sarcoma, round cell neoplasia cannot be ruled out entirely but is thought by far less likely.

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There is no evidence of metastatic disease to the regional lymph nodes or lung.

A large right divisional liver mass is seen meeting neoplastic criteria. Primary neoplasia of the liver such as hepatocellular carcinoma is most likely. Adenoma, hepatoma, secondary neoplasia of the liver including sarcoma and metastatic disease are considered less likely. The mass is in a resectable position.

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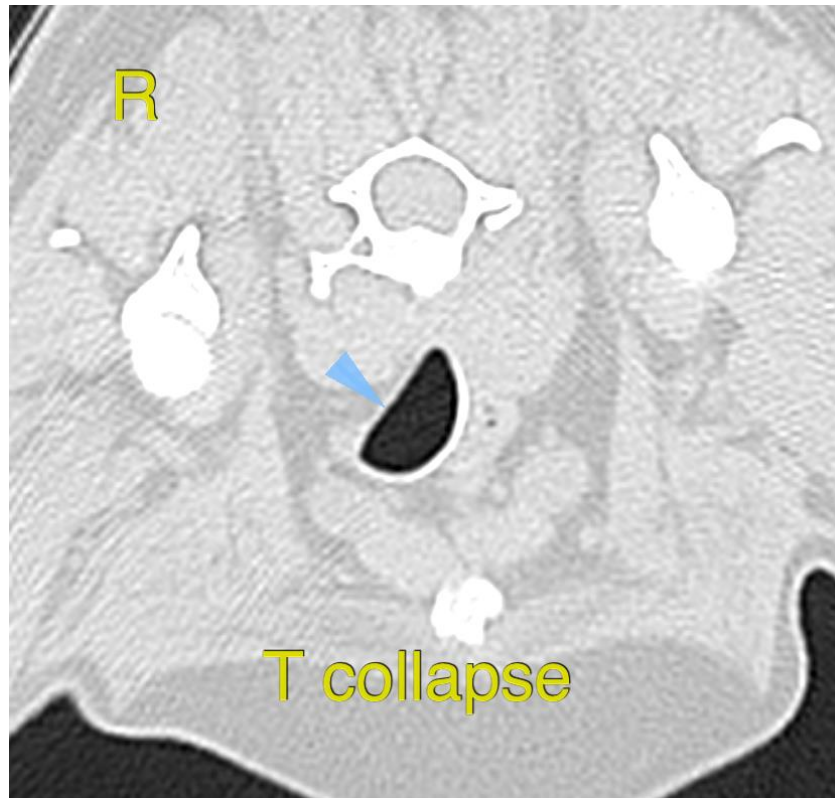
Dr Jeffery Biskup

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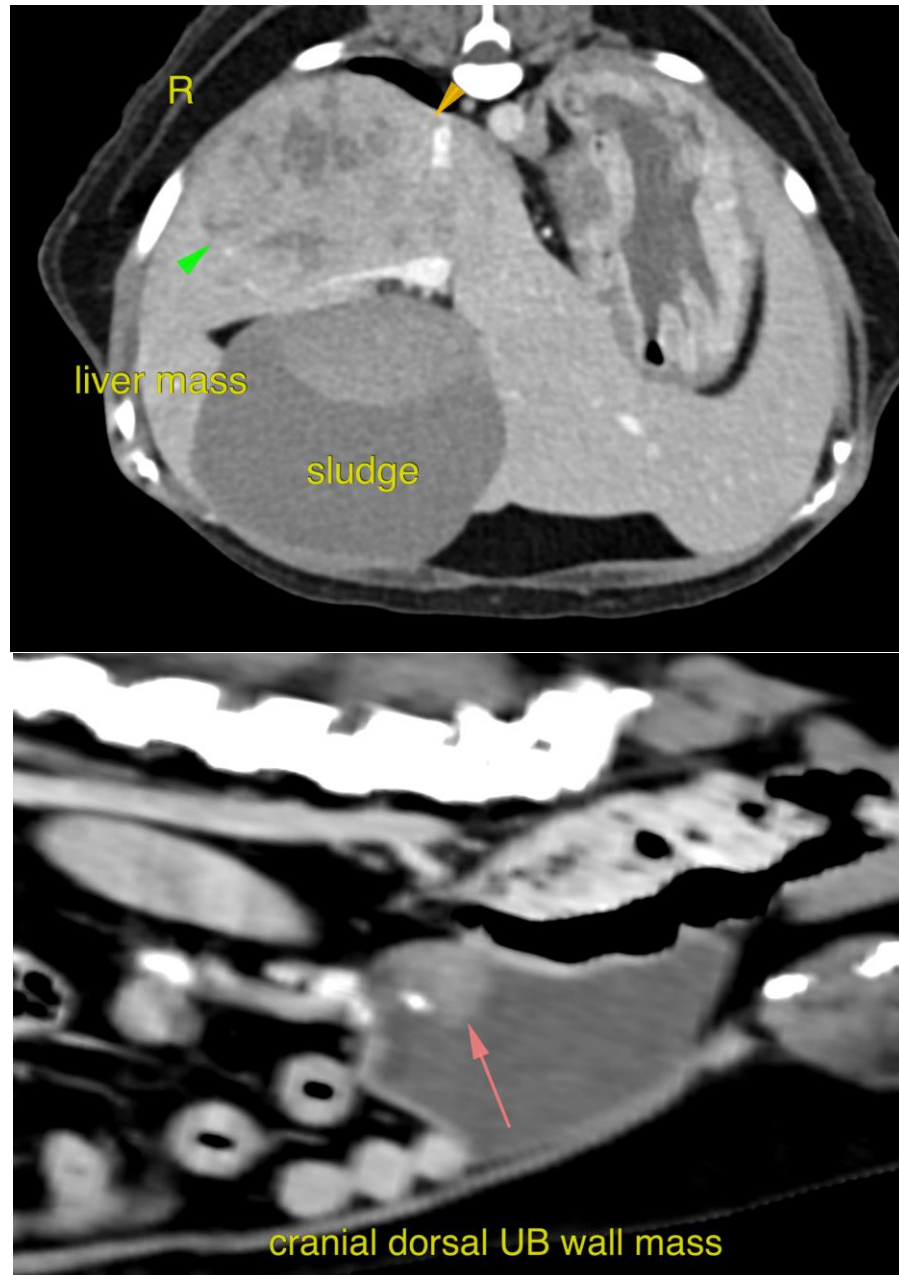
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PATIENT

Abby Linden

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.

SPECIES

Canine

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