



PATIENT

Meadow Abda

PRESENTING CLINICAL SIGNS

Presented for hematuria. Bladder mass and possible hepatic mass noted on abdominal ultrasound.
Abnormal PE/Chem/CBC/UA Results: Normal

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Plain and post contrast studies of the abdomen and post contrast study of the thorax available for review. Limited study due to low signal to noise ratio which may be due to the patient's weight or underexposure or both.

BREED

Labrador Retriever

COMPUTED TOMOGRAPHIC FINDINGS

Abdomen

The patient is obese.

SEX

FS

An approximately 10 x 6 x 3 cm sized cauliflower shaped ill-defined nonuniformly enhancing mass is seen in the cranial and ventral aspect of the urinary bladder. The mass does not extend into the urinary bladder neck or vesico-trigone area. No evidence of ureteral dilation is noted.

AGE

8

The kidneys present within normal limits.

The sublumbar lymph nodes present within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Occasional hyperenhancing nodules are seen within the spleen.

Multiple nodules of variable enhancement and up to 3 cm size are seen within the liver. A cluster of nodules appears to be present within the right division of the liver. No discrete mass can be identified.

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The abdominal lymph nodes, adrenal glands, gastrointestinal tract, and pancreas present within normal limits.

Thorax

REFERRING VET

Dr. Runde

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

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

51260

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

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.

DATE

3-30-22

The lung parenchyma presents the expected architecture and attenuation behavior.



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

COMPUTED TOMOGRAPHIC DIAGNOSIS

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- Cranioventral urinary bladder soft tissue mass with extensive growth.
- No evidence of regional lymphadenomegaly.
- Multiple hepatic nodules.
- Occasional splenic nodules.
- No evidence of pulmonary metastatic disease.
- Obesity.

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Labrador Retriever

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

FS

The CT study reveals a large soft tissue mass within the cranial and ventral aspect of the urinary bladder. Lesion margins are ill-defined. Approximate measurements are 10 x 6 x 3 cm. No evidence of involvement of the urinary bladder neck or vesico-trigone is noted at this point.

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I cannot identify a discrete hepatic mass; however, the assessment is limited due to low signal to noise ratio. The multiple liver nodules seen may represent benign nodular hyperplasia, regenerative nodules, or metastatic disease. Consider sampling for further definition.

The splenic nodules are likely to represent benign nodular hyperplasia. Metastatic disease is thought less likely but can never be ruled out entirely.

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At this time, there is no evidence of metastatic disease to the regional lymph nodes or lung.

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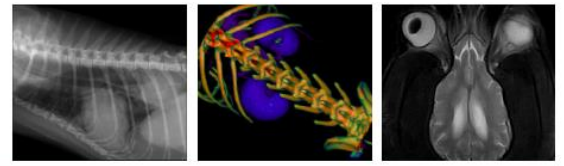
Dr. Runde

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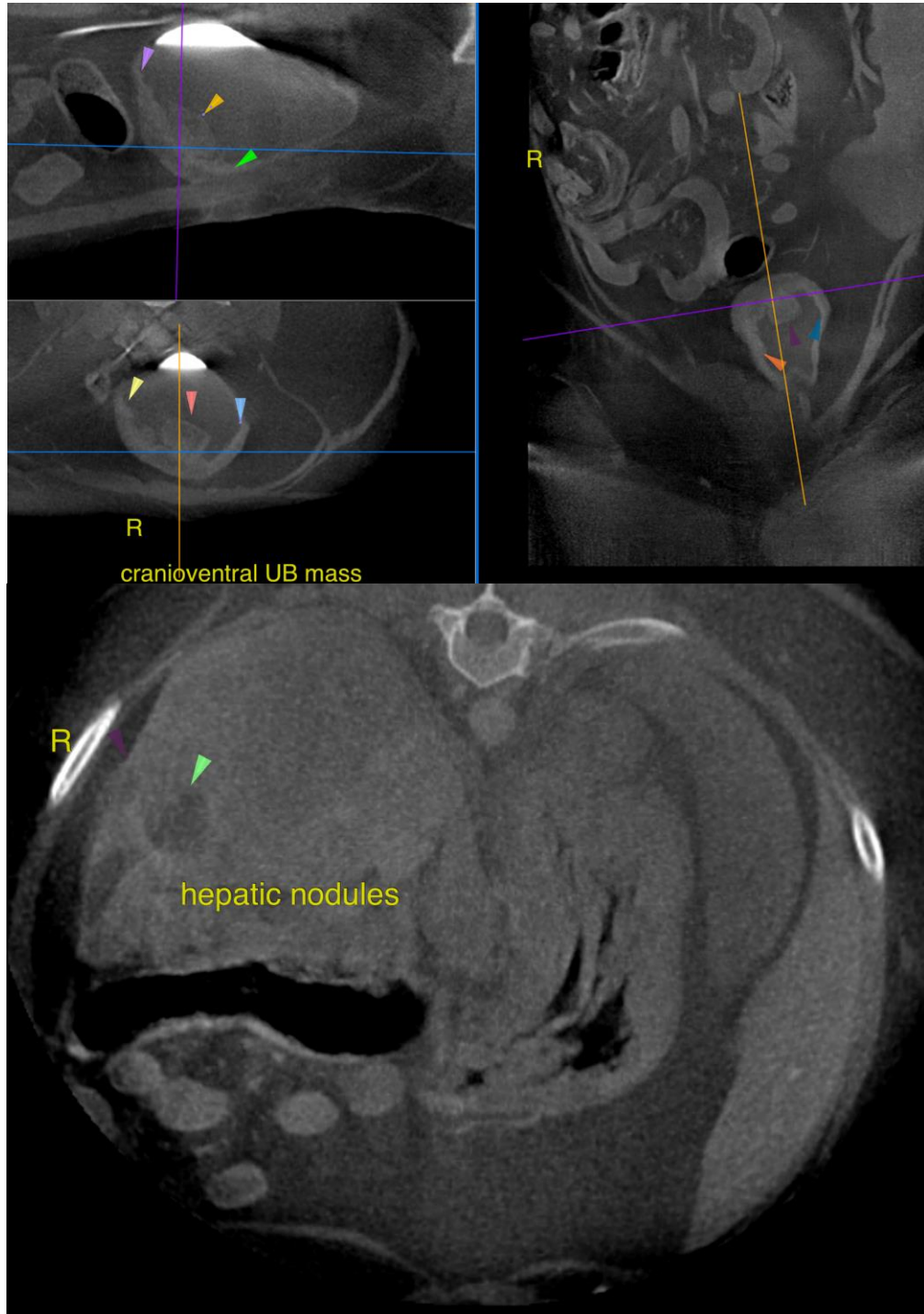
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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