



PATIENT PRESENTING CLINICAL SIGNS

Judith O'Brien

History: Pet presented 6/20/22 for PU/PD and a fever. BAR and eating fine.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: T 103.4. Slightly increased respiratory rate and effort. 4 pound weight gain. Mild muscle wasting over topline. muffled lung sounds especially on the left side. Chemistry Alb 2.4, P 5.3. CBC WNL, UA sp gr 1.013. Thoracic radiographs- moderate pleural effusion worse on the left side. 150 ccs bloody, cloudy fluid tapped from left side of thorax. TP 3.0 cytology-many inflammatory cells with predominantly degenerated neutrophils. Intracellular rod and cocci bacteria. Pet was started on broad spectrum antibiotics and fluid submitted for culture. Today pet presented for increased dyspnea. T 102.7. Still eating. Cannot get comfortable. 200 ccs fluid tapped from chest. Ultrasound performed to look for neoplasia before referral for possible thoracic exploratory.

BREED

Labradr Retriever

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

Spayed Female

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

AGE

11 years

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 6.0 cm.

WEIGHT

58 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient.

IMAGING PERFORMED BY

Dr. Logas

HOSPITAL NAME

Bradentown VH

Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself caudally. Slight, scalloping contour was noted. This is a positional variant and is not pathological. There was no evidence of significant disease.

REFERRING VET

Dr. Logas

Liver

INVOICE

31150

The **liver** revealed minor heterogenous parenchymal changes. Gallbladder wall thickening and echogenicity was noted. The contour was swollen and irregular. The transdiaphragmatic view revealed pleural effusion with heterogenous pleural changes. There was no evidence of passive congestion in the liver.

DATE

6/21/22



PATIENT

Gastrointestinal

Judith O'Brien

The **stomach** was over distended with chyme. This is consistent with immediate post prandial presentation or delayed outflow if the patient was n.p.o. at the time of the sonogram.

SPECIES

Canine

Pancreas

BREED

Labradodr Retriever

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

Unremarkable abdominal presentation with full stomach.

AGE

11 years

Pleural effusion noted through the diaphragm.

WEIGHT

58 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend focusing on the thoracic work-up. Lung lobe torsion, pleuritis and thoracic neoplasia are all possible. Chest CT is indicated +/- thoracic exploratory surgery.

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REFERRING VET

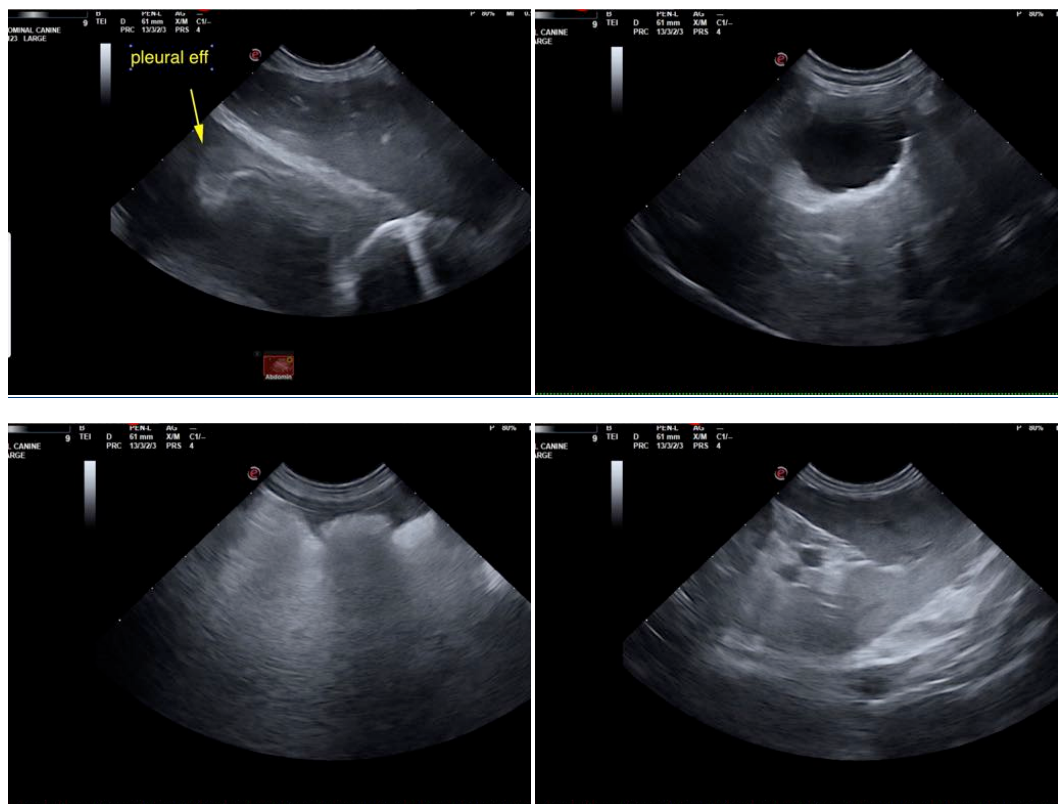
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PATIENT

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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.

SPECIES

Canine

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.

BREED

Labrador Retriever

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

SEX

Spayed Female

AGE

11 years

WEIGHT

58 lbs

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