



PATIENT PRESENTING CLINICAL SIGNS

Bear Dunning lethargic, anorexic, enlarged prostate with mineralization
Abnormal PE/Chem/CBC/UA Results: CPL normal; BUN 4, ALKP 215, glob 5.3

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

The **urinary bladder** itself was unremarkable. The prostate was enlarged, irregular and mineralizing with pericapsular inflammatory pattern and a cystourethral junction polypoid projection creating a urethral mass.

Shih Tzu

SEX

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 5.54 cm. The right kidney measured 6.0 cm.

Neutered Male

AGE

Adrenal Glands

8 Years

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. The left adrenal gland measured 2.22 cm x 0.66 cm at the caudal pole and 0.48 cm at the cranial pole. The right adrenal gland measured 2.28 cm x 0.66 cm at the caudal pole and 1.21 cm at the cranial pole.

WEIGHT

29.5 Pounds

Spleen

INTERPRETED BY

The **spleen** presented multifocal hypoechoic target type lesions up to 1.09 cm.

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Liver

IMAGING PERFORMED BY

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Diane McFadden

HOSPITAL NAME

Gastrointestinal

Rockaway AH

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

REFERRING VET

Dr. Maniar

Pancreas

INVOICE

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.

26749

DATE

ULTRASONOGRAPHIC FINDINGS

10/29/21



PATIENT

Bear Dunning

- Enlarged, mineralized prostate with regional inflammation – strongly consistent with carcinoma.
- Splenic nodules

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

Ultrasound guided FNA of the prostate could be considered with some mild potential for trailing. Otherwise, traumatic catheterization could be considered. No evidence of metastatic disease. FNA of the splenic nodules indicated to rule out hyperplasia versus primary or metastatic disease.

BREED

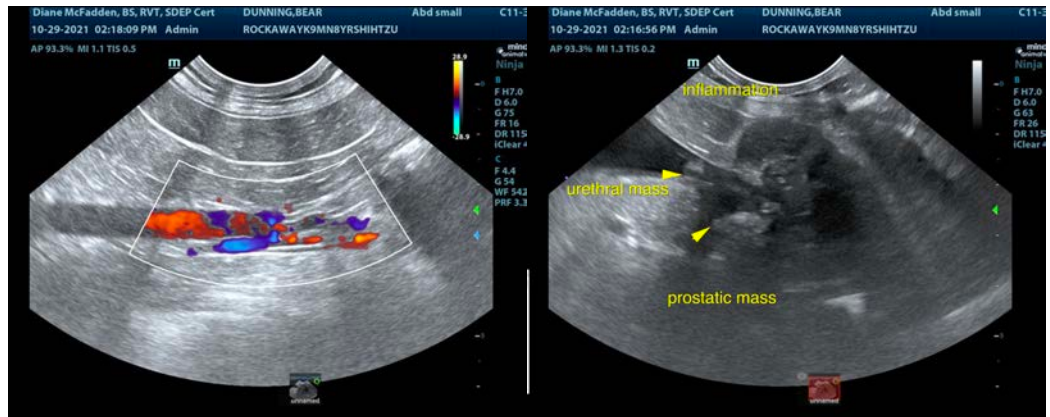
Shih Tzu

SEX

Neutered Male

AGE

8 Years



WEIGHT

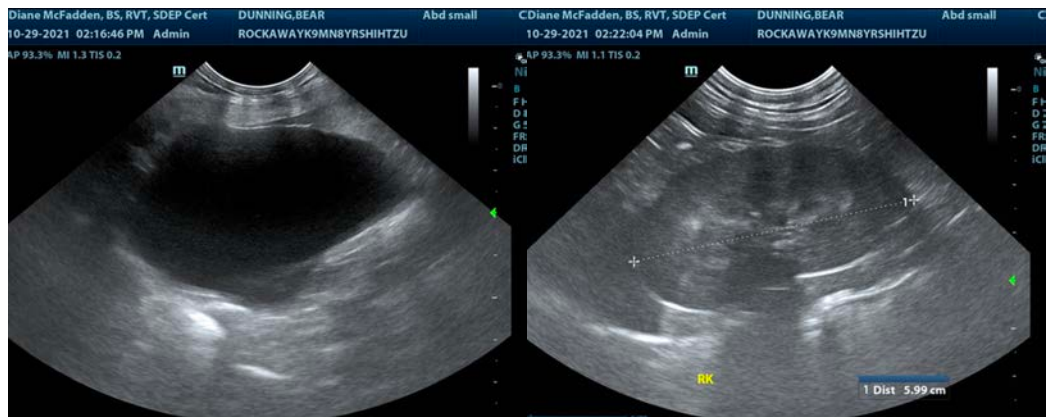
29.5 Pounds

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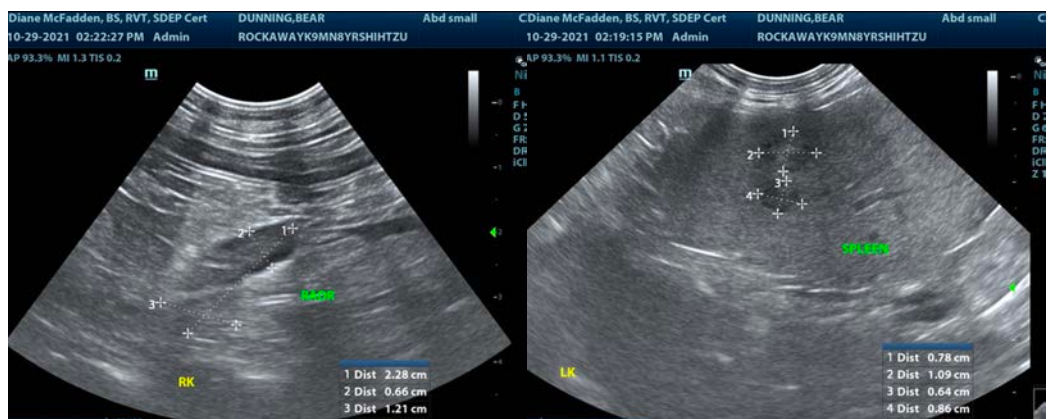
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PATIENT

Bear Dunning

SPECIES

Canine

BREED

Shih Tzu

SEX

Neutered Male

AGE

8 Years

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29.5 Pounds

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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.

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