



PATIENT

Achilles Marks

SPECIES

Canine

BREED

German Shepherd Mix

SEX

Neutered Male

AGE

11 Years

WEIGHT

71

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Sheldon

HOSPITAL NAME

Advanced Pet Care of
Oakland

REFERRING VET

Dr. Sheldon

INVOICE

18841

DATE

11/28/22

PRESENTING CLINICAL SIGNS

History: Pet has a long history of dermatologic issues has been managed by a dermatologist, but no real good response. Per owner has normal energy level and increased appetite, pet has lost 24 lbs. No S/C/V/D. He has been having urinary accidents for the past 8 months and owner thinks he is PU/PD.

Abnormal PE/Chem/CBC/UA Results: On physical exam pet has generalized alopecia, scabbing, crusting, lichenification all over his body. The inguinal lymph nodes and popliteal lymph nodes are enlarged. Chest radiographs: full report pending, but no obvious mets, spondylosis present CBC/chemistry panel: non regenerative anemia 34 %, mild neutrophilia and eosinophilia. High globulins 5.1. slightly low T4, TSH pending.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** itself was largely unremarkable. The pelvic urethra was minimally visible in this patient, cannot rule out deep urethral pathology.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some minor 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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 8.45 cm. The left kidney measured 8.5 cm.

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. The right adrenal gland measured 1.76 cm x 0.64 cm at the caudal pole and 0.48 cm at the cranial pole. The left adrenal gland measured 1.89 cm x 0.51 cm at the cranial pole and 0.43 cm at the caudal pole.

Spleen

The **spleen** revealed a mixed hypoechoic, mildly expansive, mildly disruptive nodule, measuring 2.24 cm at the mid body. Caudal folding of the spleen was noted.

Liver

The **liver** was uniformly enlarged with slight hepatic vein dilation. The gallbladder was mildly overdilated yet likely owing to NPO status. Minor dependent gallbladder debris was present.

Gastrointestinal

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.

Pancreas



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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.

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Canine

Free Abdomen

An iliac **lymph node** (1.9 cm x 0.75 cm) presented normal length to width ratio with slight, swollen contour. There was no loss of parenchymal detail. This is most consistent with reactive lymphadenitis or lymphatic hyperplasia.

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The inguinal lymph nodes were enlarged, irregular and hypoechoic, measuring up to 2.0 cm x 1.0 cm. Ultrasound guided FNA, cytology and culture and indicated.

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Neutered Male

What appeared to be a colic lymph node was also enlarged, rounded and hypoechoic.

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ULTRASONOGRAPHIC FINDINGS

- Splenic nodule
- Occasional lymph node enlargement
- Pelvic urethra was minimally visible
- Enlarged liver with slight hepatic vein dilation
- Overdistended gallbladder with minor dependent gallbladder debris
- Age-related renal changes

WEIGHT

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ultrasound guided FNA of the enlarged lymph nodes indicated for further definition. FNA of the splenic nodule is indicated to assess for round cell neoplasia versus lymphadenitis. Urethral catheterization is indicated to assess for any resistance. Catheterization and saline influx into the urethra may allow for further visualization of the pelvic urethra from the SDEP-3 approach.

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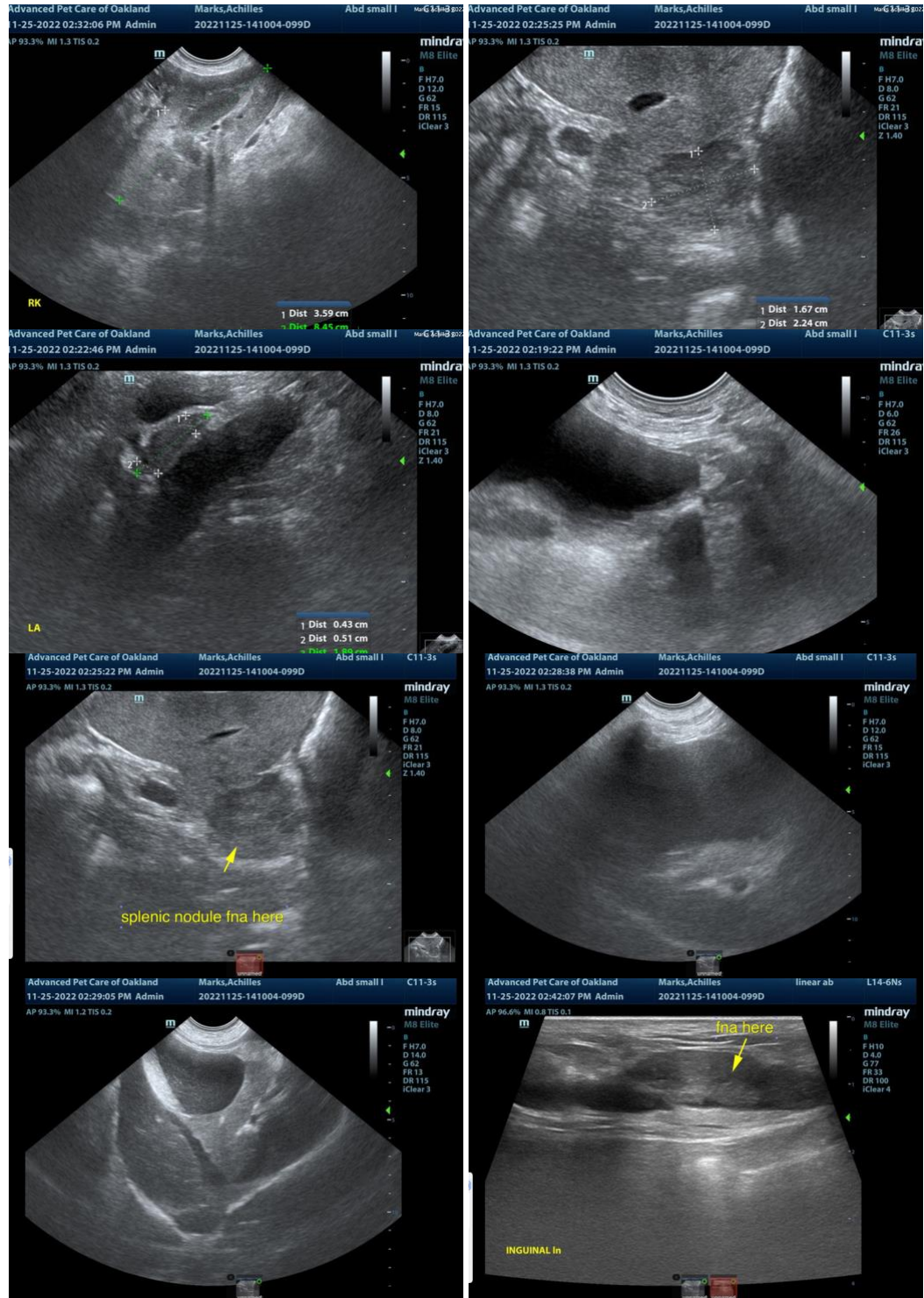
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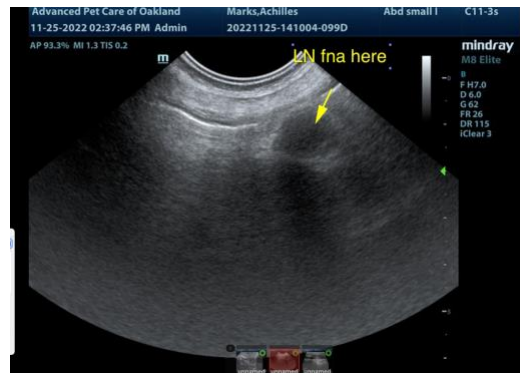
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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