



**PATIENT**

Diana Rohn

**PRESENTING CLINICAL SIGNS**

History: lethargic, anorexia, abd mass

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**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.

**BREED**

Australian Kelpie

**SEX**

Spayed female

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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 5.0 cm. The right kidney measured 6.62 cm.

**AGE**

14 years

**Adrenal Glands**

The regions of the **adrenal glands** were unremarkable.

**WEIGHT**

56.5 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**Spleen**

A mixed, hypoechoic, 13.0 cm **splenic** mass was noted in the mid abdomen. The mass was significantly complex, cavitated and pedunculated with regional inflammation and free fluid.

**IMAGING PERFORMED BY**

Jenn

**Liver**

The **liver** revealed heterogenous nodular changes. 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.

**HOSPITAL NAME**

Rockaway AH

**REFERRING VET**

Dr. Maniar

**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. No associated abnormal lymphatic activity was noted.

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**PATIENT**

**Pancreas**

Diana Rohn

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.

**SPECIES**

Canine

**Heart**

**BREED**

Rapid view of the heart revealed no evidence of pathology.

Australian Kelpie

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

Extensive cranial abdominal mass.

Spayed female

Minor heterogenous hepatic changes, potential micrometastasis.

**AGE**

Regional omental reactivity and free fluid.

14 years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**WEIGHT**

There is possible spread to the abdomen. Exploratory surgery is warranted if the chest radiographs are free of evident pathology.

56.5 lbs

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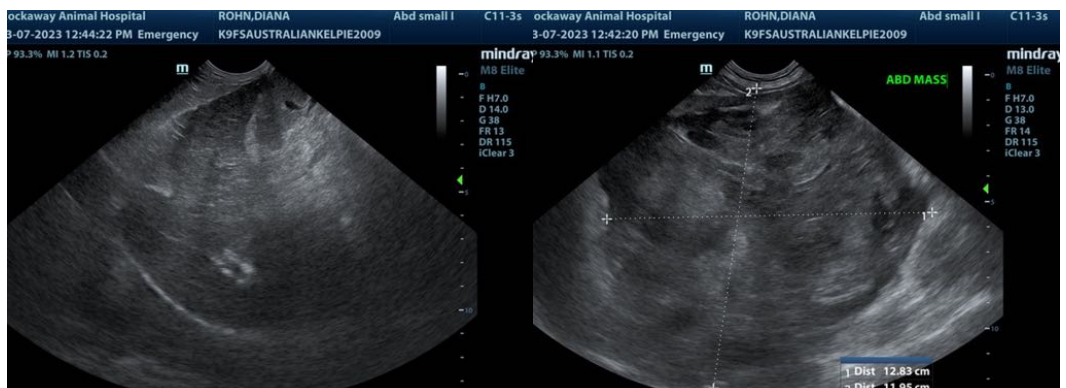
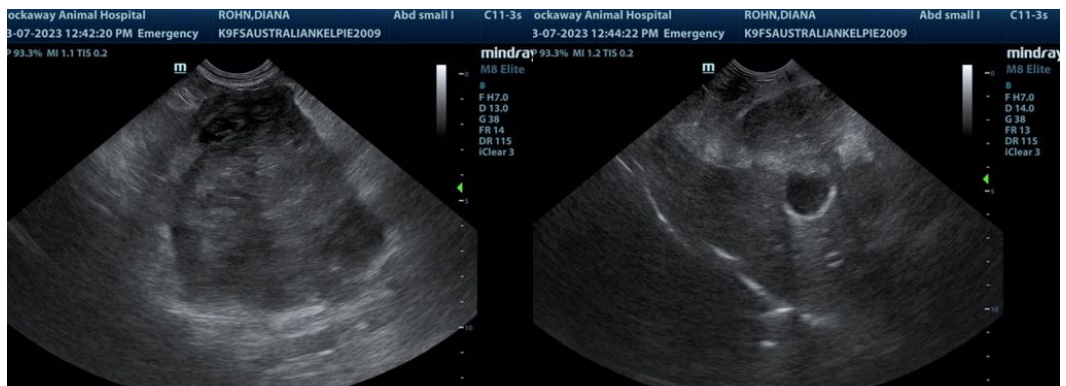
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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