



## PATIENT PRESENTING CLINICAL SIGNS

**Piggy Diederichs** History: Attacked by another dog on 11/16. No obvious wounds at time of attack but 11/20 a lump was noted by his sternum AUS to assess if this is a body wall hernia

## SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Firm, non-reducible SQ mass just caudal to sternum (see images), mildly painful on palpation There are spots that appear to be healed puncture wounds.

## BREED

Chihuahua X

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The urinary bladder wall is normal in thickness. The mucosal surface is smooth. The bladder is moderately distended. A small amount of suspended echogenic debris is observed within the lumen. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 2 cm, are normal.

## SEX

Male

The prostate is enlarged (2.89 cm in width) with a normal shape. Parenchyma is heterogenous in appearance, with a few, ill-defined cystic areas. The prostatic urethra is not overtly dilated.

## AGE

7

The left kidney is normal in size (3.83 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with moderate loss of corticomedullary distinction. An ill-defined hyperechoic neb is observed at the corticomedullary junction. Several nonobstructive nephroliths are visualized. There is no evidence of pyelectasia, infarcts or hydroureter. Renal vasculature is normal.

## WEIGHT

13.2 lbs

The right kidney is normal in size (4.88 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. An ill-defined hyperechoic medullary band is observed adjacent to the corticomedullary junction. A few, small, nonobstructive nephroliths are avisd. There is no evidence of pyelectasia, infarcts or hydroureter. Renal vasculature is normal.

## INTERPRETED BY

Andrea Nicastro, DVM,  
Diplomate ACVIM  
(Small Animal Internal  
Medicine)

### Adrenal Glands

The left adrenal gland is normal in size (0.34 cm at cranial pole) (0.39 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

## IMAGING PERFORMED BY

Gudrun Gunther

The right adrenal gland is normal in size (0.74 cm at cranial pole) (0.38 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

## HOSPITAL NAME

New Frontier AMC

## REFERRING VET

Gudrun Gunther

### Spleen

The spleen is normal in size (1.17 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

## INVOICE

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### Liver

The liver is subjectively normal in size with normal curvilinear peripheral contours. The parenchyma is hypoechoic relative to the spleen with minor changes consistent with age-related remodeling. No focal lesions are observed. Hepatic vasculature and biliary tracts are of normal volume with no evidence of congestion.

## DATE

11-26-25

The gallbladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are mostly



**PATIENT** anechoic. The cystic and common bile ducts are normal/not seen.

Piggy Diederichs

**Gastrointestinal**

The lumen is not distended. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.

**SPECIES**

Canine

**BREED**

**Pancreas**

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

Chihuahua X

**SEX**

**Lymph Nodes**

The abdominal lymph nodes are normal/not visible.

Male

**Free Abdomen**

The peritoneal cavity is normal. There is no evidence of inflammation or effusion.

**AGE**

7

**Other**

A 2.1 x 1.2 cm ill-defined hyperechoic-to-heterogenous area is observed along the ventral body wall. There is a questionable breach in the body wall in this region.

**WEIGHT**

13.2 lbs

**ULTRASONOGRAPHIC FINDINGS**

**INTERPRETED BY**

**Primary Findings**

- Questionable fat herniation along the ventral abdomen vs focal area of fatty inflammation/cellulitis

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Diplomate ACVIM  
(Small Animal Internal  
Medicine)

**Secondary Findings**

- Bilateral nonspecific age-related renal changes with nonobstructive nephrolithiasis
- The hepatic changes are consistent with age-related parenchymal remodeling and are not considered clinically significant at this time.
- The prostate changes are most consistent with benign prostatic hyperplasia. Bacterial prostatitis is also a differential but considered unlikely in the absence of lower urinary tract signs.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**REFERRING VET**

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To further evaluate for an abdominal hernia, consider an abdominal CT scan. Alternatively, surgical exploration of the area can be considered. Fortunately, there does not appear to be any organs or portions of organs in the region in question at this time.

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Piggy Diederichs

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**BREED**

Chihuahua X

**SEX**

Male

**AGE**

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**WEIGHT**

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**REFERRING VET**

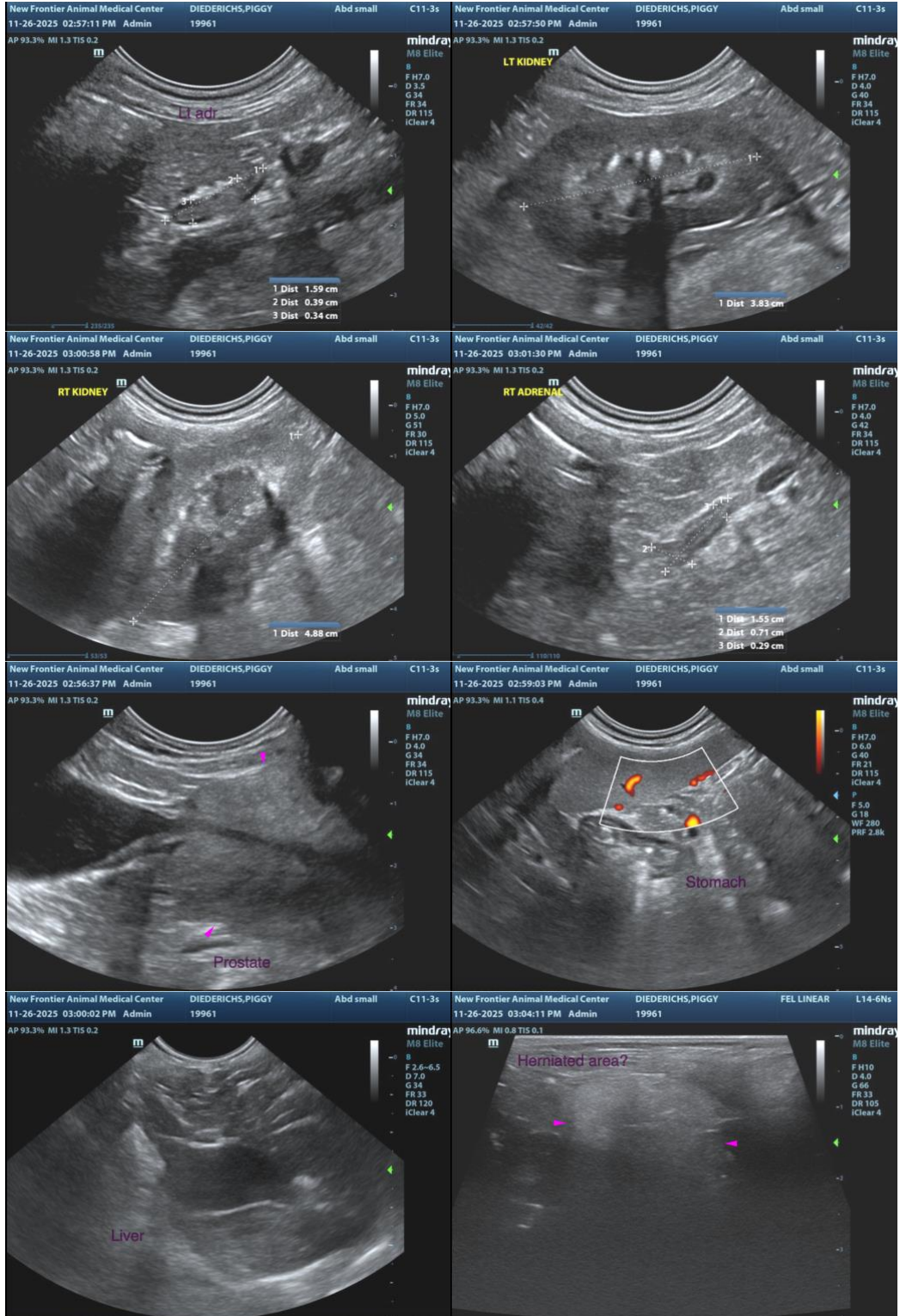
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**DATE**

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## PATIENT

Piggy Diederichs

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

Chihuahua X

**Andrea Nicastro**, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)  
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## SEX

Male

## AGE

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