

**PATIENT PRESENTING CLINICAL SIGNS**

Teddy McCarthy Presents for an oral melanoma. Chest x-rays unremarkable. Baseline lab-work unremarkable. Abdominal ultrasound is a Met check.

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine **Urinary System**

**BREED** The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 2 cm, appear normal.

Pug

**SEX** The prostate is normal in size (0.77 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

Neutered Male

**AGE** The left kidney is normal in size (3.61 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. A hyperechoic medullary band is observed at the corticomedullary junction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature appears normal.

13 years

**WEIGHT**

16 lbs

The right kidney is normal in size (4.42 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. A hyperechoic medullary band is observed at the corticomedullary junction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature appears normal.

**INTERPRETED BY**

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

**Adrenal Glands**

The left adrenal gland is normal in size (0.35 cm at cranial pole) (0.42 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 appear normal.

**IMAGING PERFORMED BY**

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The right adrenal gland is in normal size (0.49 cm at cranial pole) (0.34 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 appear normal.

**HOSPITAL NAME**

Vet Dental Care

**Spleen**

The spleen is normal in size (1.13 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 appears normal.

**REFERRING VET**

Suzy Shannon

**Liver**

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The portal vein to caudal vena cava ratio is approximately 1: 1.

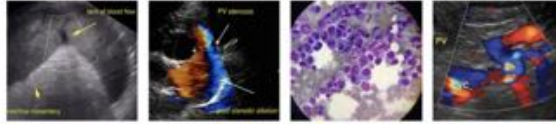
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**DATE**

7.31.23

The gall bladder is of normal contours and contains some dependent echogenic debris. The wall is normal in thickness. No choleliths are observed. The cystic and common bile ducts are normal/not seen.



**PATIENT** *Gastrointestinal*

Teddy McCarthy

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall is normal in thickness with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The ileocecolic junction and colonic wall are normal. There is no evidence of an obstructive pattern.

**SPECIES**

Canine

**BREED** *Pancreas*

Pug

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.

**SEX** *Free Abdomen*

Neutered Male

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

**AGE** *Other*

13 years

A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.

**WEIGHT**

16 lbs

**ULTRASONOGRAPHIC FINDINGS**

**Primary Findings**

- Mild bilateral chronic age-related renal changes

\*There is no obvious evidence of metastatic disease in the abdomen.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

- Regarding the oral melanoma, consider consultation with a board-certified oncologist for additional treatment recommendations.

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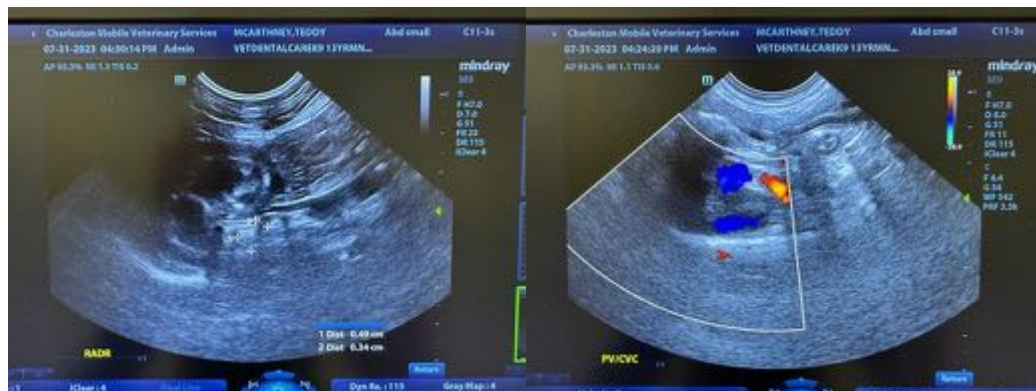
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**PATIENT**

Teddy McCarthy

**SPECIES**

Canine

**BREED**

Pug

**SEX**

Neutered Male

**AGE**

13 years

**WEIGHT**

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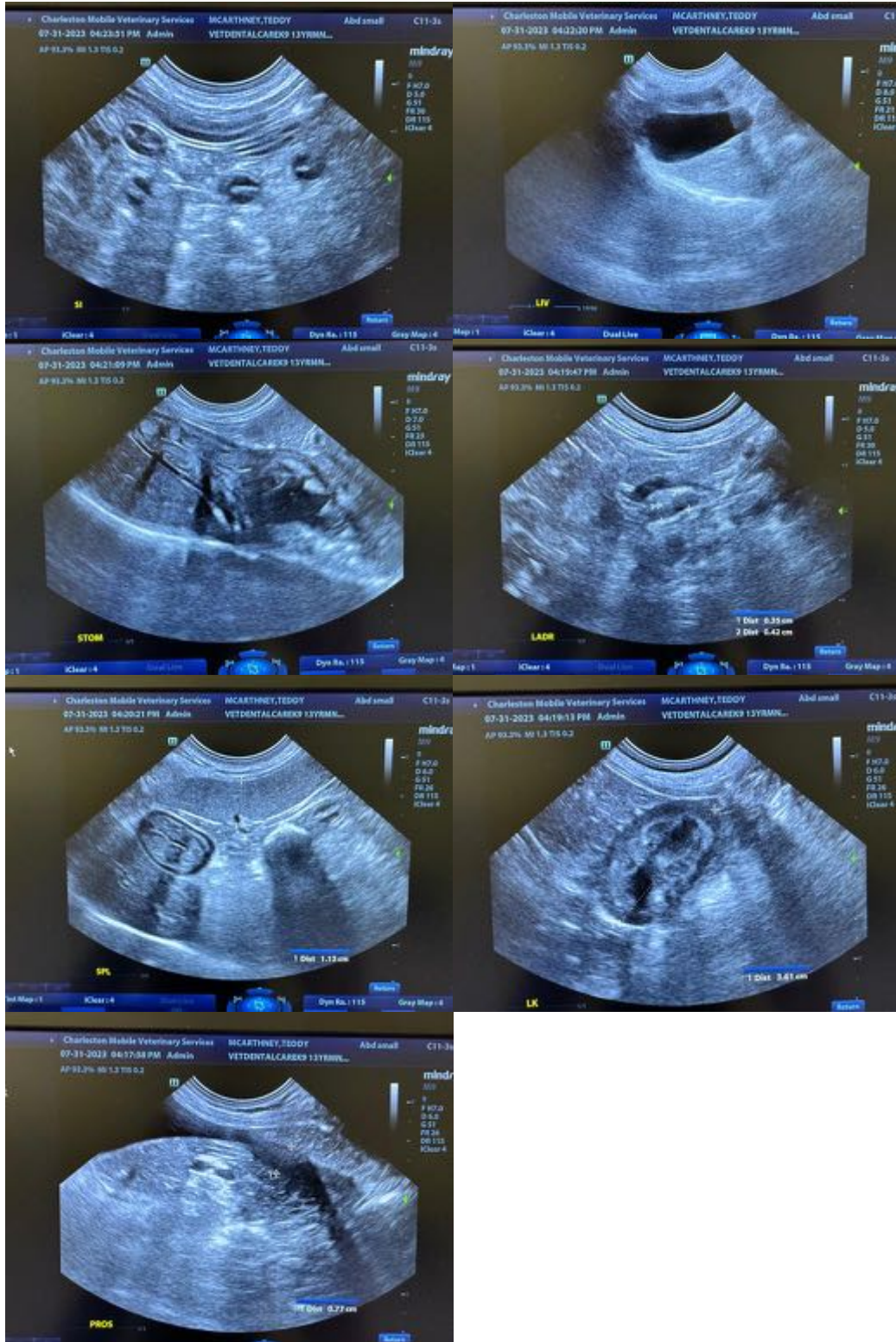
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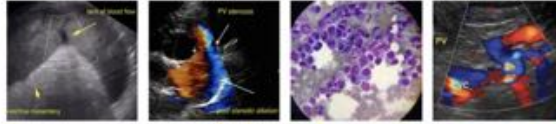
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**PATIENT**

Teddy McCarthy

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**

Pug

**Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)**  
[info@SonoPath.com](mailto:info@SonoPath.com)

**SEX**

Neutered Male

**AGE**

13 years

**WEIGHT**

16 lbs

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