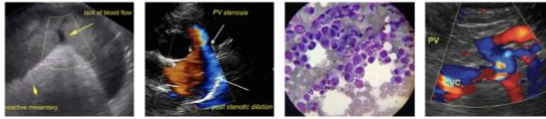




<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Titan Ingold	Clinical Exam Findings: PE revealed pale mucous membranes and a distended abdomen with a palpable fluid wave
<b>SPECIES</b>	Abnormal lab-work values: RBC 3.82, HCT 22.8, HGB 7.2, MCV 59.7, MCHC 31.6, RETIC 19.6, NEUT 12.22 with a left shift, PLT 29K, BUN 6
Canine	Current Medications: None
<b>BREED</b>	Radiographic Findings:
Pitbull Mix	Thorax (3 views): The heart is normal in size and shape. Pulmonary vessels are normal and equal in size. There are small soft tissue and mineral opaque structures within the lungs that measure up to approximately 4.6 mm. No thoracic lymph node enlargement or pleural effusion is identified. Skeletal structures are normal.
<b>SEX</b>	Abdomen (3 views): Abdominal serosal detail is decreased, and the abdomen is pendulous. The stomach contains a small amount of heterogeneous soft tissue opaque material and gas. The small intestine contains fluid opaque material and gas with no dilated segments identified. There is a small amount of semiformed feces and gas within the colon. Evaluation of the remainder of the abdominal organs is limited due to poor serosal detail. Skeletal structures are normal.
Neutered Male	
<b>AGE</b>	Radiographic Conclusions/Recommendations:
12.7.2010	1. The smaller mineral opaque structures within the lungs likely represent benign pulmonary osteomas. The larger structures could represent larger benign pulmonary osteomas or small pulmonary nodules due to metastatic neoplasia. A CT scan of the thorax or repeat radiographs in approximately 3 to 4 weeks could be considered for further evaluation.
<b>WEIGHT</b>	2. Peritoneal effusion consistent with the reported hemoabdomen. Abdominal ultrasound could be considered to look for an underlying cause.
68 lbs	
<b>INTERPRETED BY</b>	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
Andrea Nicastro, DVM, Diplomate ACVIM (Small Animal Internal Medicine)	<b>Urinary System</b>
<b>IMAGING PERFORMED BY</b>	The urinary bladder and visible portion of the pelvic urethra are normal for the degree of luminal distension. The urine is anechoic with no evidence of debris. Cystic calculi and discrete masses are not observed. The region of the trigone is normal.
Andrea Nicastro, DVM, Diplomate ACVIM (Small Animal Internal Medicine)	The prostate is not definitively visualized due to its pelvic location.
<b>HOSPITAL NAME</b>	The left kidney is normal size (6.83 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.
Flowertown AH	The right kidney is normal size (6.26 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.
<b>REFERRING VET</b>	<b>Adrenal Glands</b>
Dr. Pignatello	The left adrenal gland is small in size (0.57 cm at cranial pole) (0.42 cm at caudal pole); with a normal shape and smooth peripheral contours. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.
<b>INVOICE</b>	
11120	
<b>DATE</b>	
6.20.22	



**PATIENT**

Titan Ingold

The right adrenal gland is normal size (1.11 cm at cranial pole) (0.56 cm at caudal pole) (2.67 cm in length); with a normal shape and smooth peripheral contours. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

**SPECIES**

Canine

**Spleen**

The spleen is enlarged with irregular peripheral contours. An approximately 7.00 cm irregular, heterogenous, cavitated mass is arising from the parenchyma. Surrounding mesentery is hyperechoic. A few smaller nodules/masses are also seen. The remaining parenchyma is slightly mottled in appearance. Splenic vasculature is normal with no evidence of thrombosis.

**BREED**

Pitbull Mix

**Liver**

The liver is subjectively normal in size with slightly irregular peripheral contours. The parenchyma is hypoechoic relative to the spleen. A 1.73 cm hypoechoic nodule is observed at the caudal aspect. In addition, a 1.32 cm hypoechoic nodule is seen on the left side. The remaining parenchyma is homogenous. Hepatic vasculature and intrahepatic biliary tracts are of normal volume with no evidence of congestion.

**SEX**

Neutered Male

**AGE**

12.7.2010

The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

**WEIGHT**

68 lbs

**Gastrointestinal**

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is mildly distended with ingesta. 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 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.

**INTERPRETED BY**

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

**Pancreas**

A portion of the pancreas is obscured by the splenic mass and abdominal effusion. In the visualized portions, no obvious pathology is observed.

**IMAGING PERFORMED BY**

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

**Free Abdomen**

A large amount of echogenic free fluid is present. The abdominal lymph nodes are normal/not visible.

**HOSPITAL NAME**

Flowertown AH

**Other**

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

**REFERRING VET**

Dr. Pignatello

**ULTRASONOGRAPHIC FINDINGS**

**Primary Findings**

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- Splenic masses. Neoplasia (i.e., hemangiosarcoma) is considered likely with a lower possibility of benign pathology.

**DATE**

6.20.22

- Hemoabdomen



**PATIENT**

- The hypoechoic hepatic nodules may represent metastatic disease or a benign process (i.e., regenerative nodular hyperplasia).

Titan Ingold

**SPECIES**

Canine

**BREED**

Pittbull Mix

**SEX**

Neutered Male

**AGE**

12.7.2010

**WEIGHT**

68 lbs

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Internal Medicine)

**HOSPITAL NAME**

Flowertown AH

**REFERRING VET**

Dr. Pignatello

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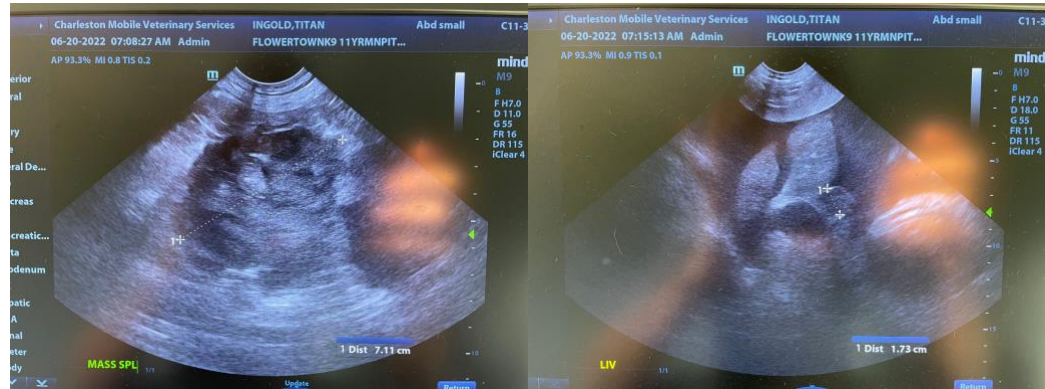
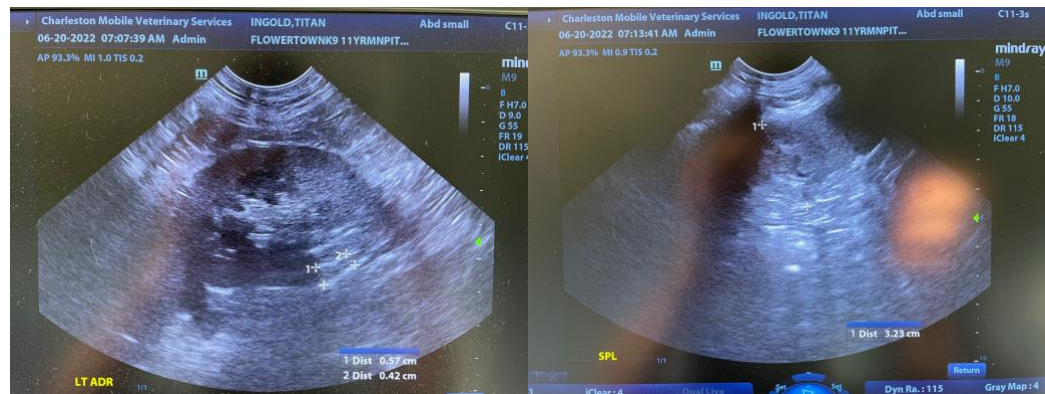
**DATE**

6.20.22

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Consider a splenectomy with submission of the spleen for histopathology, along with biopsies of the hepatic nodules, if accessible.

Supportive care, including a blood transfusion (if indicated) is recommended.





**PATIENT**

Titan Ingold

**SPECIES**

Canine

**BREED**

Pitbull Mix

**SEX**

Neutered Male

**AGE**

12.7.2010

**WEIGHT**

68 lbs



**INTERPRETED BY**

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ACVIM (Small Animal  
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**HOSPITAL NAME**

Flowertown AH

**REFERRING VET**

Dr. Pignatello

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**DATE**

6.20.22

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.

**Andrea Nicastro, DVM, Diplomate DACVIM (Small Animal Internal Medicine)**  
info@SonoPath.com