



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Mango McLennen	Cryptorchid feline. Primary Question/Differential to Be Answered in This Exam Is there a testicle (cryptorchid) and where is it located?
<b>SPECIES</b>	
Feline	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
<b>BREED</b>	<b>Urinary System</b>
Rag doll	The urinary bladder, trigone, and cystourethral junction exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.
<b>SEX</b>	
Intact Male	The area of the aortic trifurcation was free of pathology.
<b>AGE</b>	
5 months	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 3.7 cm in length. The right kidney measured 4.1 cm in length.
<b>WEIGHT</b>	
5.89 lbs.	
<b>INTERPRETED BY</b>	<b>Adrenal Glands</b>
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.30 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.30 cm width.
<b>IMAGING PERFORMED BY</b>	<b>Spleen</b>
Jenna Walsh, CVT	The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.
<b>HOSPITAL NAME</b>	<b>Liver/ Gallbladder</b>
Pleasant Hill AH	
<b>REFERRING VET</b>	<b>Gastrointestinal</b>
Dr. Seyler	The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.
<b>INVOICE</b>	
12375	
<b>DATE</b>	
10/6/21	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material.



<b>PATIENT</b>	The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.
Mango McLennen	Normal visible colon wall layers were present with apparent formed feces in lumen.
<b>SPECIES</b>	<b><i>Pancreas</i></b>
Feline	The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.
<b>BREED</b>	<b><i>Free Abdomen</i></b>
Rag doll	Multiple, mildly enlarged mesenteric nodes were present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). An example lymph node measured 0.91 cm x 0.72 cm. No evidence of peritoneal effusion was noted.
<b>SEX</b>	
Intact Male	
<b>AGE</b>	
5 months	A probable, small, shrunken, retained testicle was noted within the area of the left inguinal canal or potentially in the left inguinal subcutaneous space, measuring 0.9 cm in length.
<b>WEIGHT</b>	
5.89 lbs.	
<b>INTERPRETED BY</b>	<b>ULTRASONOGRAPHIC FINDINGS</b>
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<b><i>Primary Findings</i></b>
	<ul style="list-style-type: none"><li>• Suspect retained testicle in left inguinal canal or potentially in left subcutaneous space</li><li>• Multiple, mild to prominent mesenteric lymph nodes - mild lymphoid hyperplasia or immunologic immaturity likely</li></ul>
<b>IMAGING PERFORMED BY</b>	<b><u>INTERPRETATION OF THE FINDINGS &amp; FURTHER RECOMMENDATIONS</u></b>
Jenna Walsh, CVT	Assuming the right testicle is descended and palpable, initial surgical exploration in the area of the left inguinal canal and/or left inguinal subcutaneous space is recommended.
<b>HOSPITAL NAME</b>	The probable testicle exhibited subtle median raphe indicating testicular origin and was not overtly suggestive of an inguinal lymph node. However, technically, given the small and shrunken size of the probable retained left testicle in combination with multiple mesenteric lymph nodes which may at times present sonographically similar to a retained testicle, potential for an abdominal retained testicle may be possible if it is not located within the left inguinal canal or subcutaneous space.
Pleasant Hill AH	
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Dr. Seyler	
<b>INVOICE</b>	
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10/6/21	



**PATIENT**

Mango McLennen

**SPECIES**

Feline

**BREED**

Rag doll

**SEX**

Intact Male

**AGE**

5 months

**WEIGHT**

5.89 lbs.

**INTERPRETED BY**

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

**IMAGING PERFORMED BY**

Jenna Walsh, CVT

**HOSPITAL NAME**

Pleasant Hill AH

**REFERRING VET**

Dr. Seyler

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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.

**R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)**  
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