



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Omen Christie	Adopted through greenhill humane society last year - was not neutered there as he did not have palpable testicles. Recently has been urinating outside the litterbox. UA was unremarkable save large amount of fat droplets and strong odor typical of intact male cat. Penile barbs present on exam
<b>SPECIES</b>	
Feline	Abnormal PE/Chem/CBC/UA Results: None - USG >1.050, normal sediment.
<b>BREED</b>	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
DSH	<b>Urinary System</b>
<b>SEX</b>	The <b>urinary bladder</b> and visible pelvic urethra were unremarkable for the level of repletion presented. The urine, however, did present some mildly echogenic debris consistent with mucous, exfoliated cells from renal or bladder origin, and/or blood clots as these echogenic changes can all present similarly. This is often related to urinary tract infection but may represent simple evidence of exfoliated debris or sterile inflammation. Cystocentesis, urinalysis, +/- culture would be recommended to rule out and define any UTI. The pelvic urethra was imaged 1.0 cm beyond the cystourethral junction.
Unknown if neutered	
<b>AGE</b>	
2 Years	The <b>kidneys</b> revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 4.45 cm. The left kidney measured 4.62 cm.
<b>WEIGHT</b>	
9.81 Pounds	
<b>INTERPRETED BY</b>	<b>Adrenal Glands</b>
Eric Lindquist, DMV DABVP, Cert. IVUSS	Both <b>adrenal glands</b> were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 0.63 cm. The left adrenal gland measured 0.36 cm.
<b>IMAGING PERFORMED BY</b>	<b>Spleen</b>
Sara Hansen	The <b>spleen</b> presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.
<b>HOSPITAL NAME</b>	<b>Liver</b>
Amazon Park AC	The <b>liver</b> images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. 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.
<b>REFERRING VET</b>	<b>Gastrointestinal</b>
Dr. Jones	Examination of the <b>gastrointestinal tract</b> revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine
<b>INVOICE</b>	
46016	
<b>DATE</b>	
3/17/23	



## PATIENT

Omen Christie

demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted.

## SPECIES

Feline

## Pancreas

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.

## BREED

DSH

## Other

The intraabdominal space revealed a retained testicle lateral to the trigone/cystourethral junction, measuring approximately 1.3 cm.

## SEX

Unknown if neutered

A separate round structure was noted on the left side adjacent to the inguinal canal and body wall, measuring 1.1 cm. Intraabdominal position. The structure appears to have an epididymis and would be consistent with separate retained testicle. However, this could not be completely differentiated from a lymph node, yet this is an odd place for a lymph node.

## AGE

2 Years

Mesenteric lymph nodes present cranial to the urinary bladder.

## WEIGHT

9.81 Pounds

## ULTRASONOGRAPHIC FINDINGS

- Definitive right retained testicle in the free abdomen, right caudolateral to the bladder trigone.
- Second structure, potential left intraabdominal retained testicle adjacent to the body wall, craniolateral to the bladder.

## INTERPRETED BY

Eric Lindquist, DMV

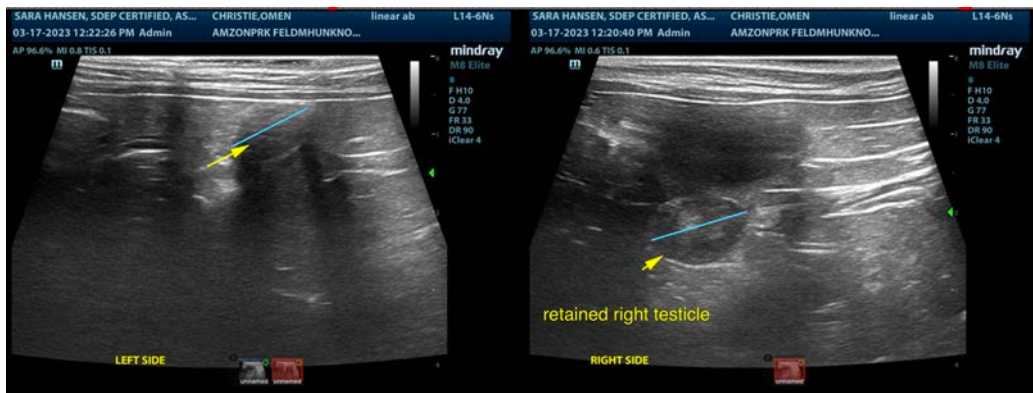
## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DABVP, Cert. IVUSS

Exploratory surgery indicated. Possible concurrent UTI, given the bladder debris.

## IMAGING PERFORMED BY

Sara Hansen



## HOSPITAL NAME

Amazon Park AC

## REFERRING VET

Dr. Jones

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**PATIENT**

Omen Christie

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Unknown if neutered

**AGE**

2 Years

**WEIGHT**

9.81 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Sara Hansen

**HOSPITAL NAME**

Amazon Park AC

**REFERRING VET**

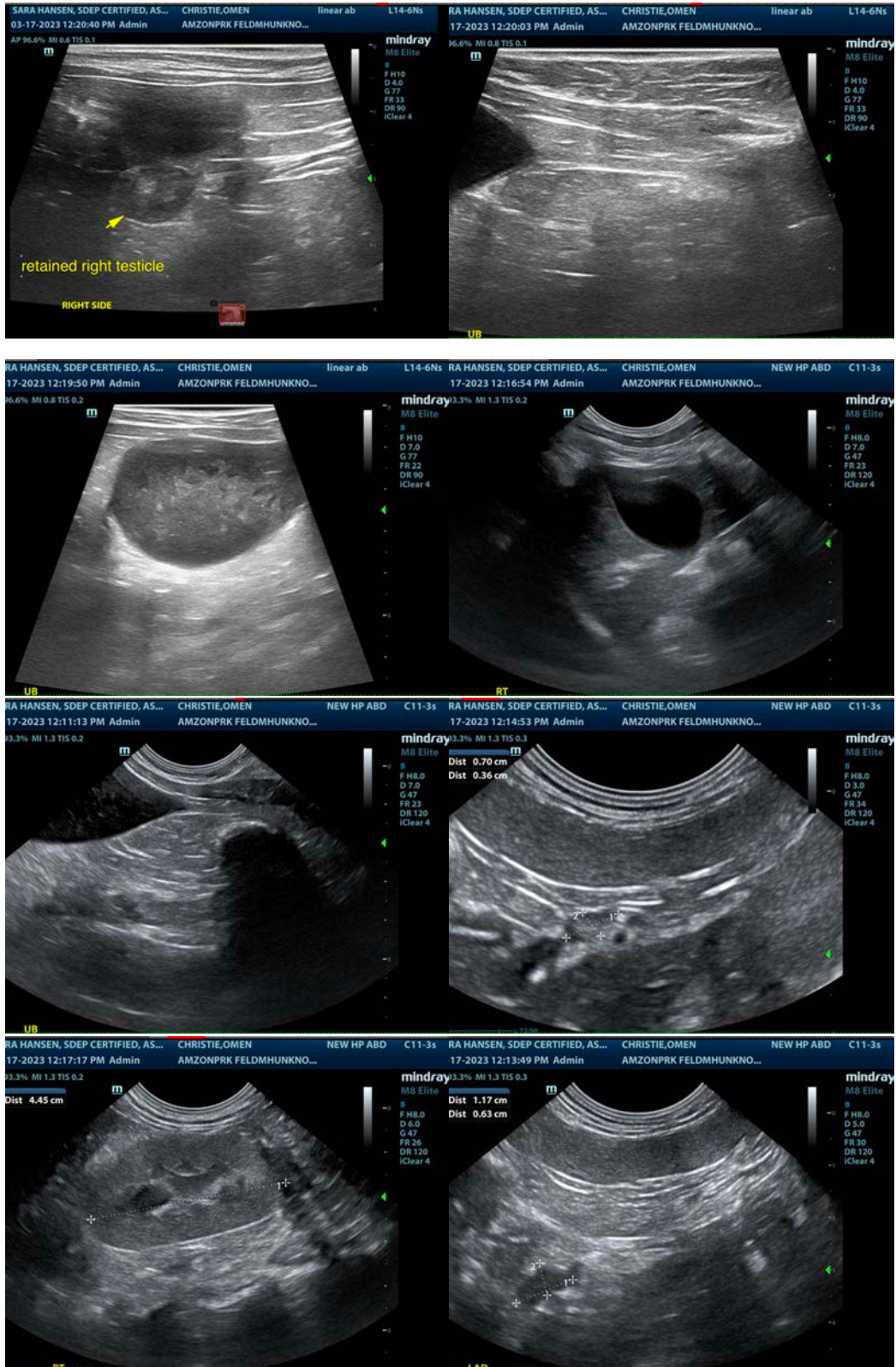
Dr. Jones

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**PATIENT**

Omen Christie

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**

Feline

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

**BREED**

DSH

[info@SonoPath.com](mailto:info@SonoPath.com)

**SEX**

Unknown if neutered

**AGE**

2 Years

**WEIGHT**

9.81 Pounds

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Eric Lindquist, DMV

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