


**PATIENT PRESENTING CLINICAL SIGNS**

Goose Chroma  
**SPECIES**  
 Canine  
**BREED**  
 Shar Pei  
**SEX**  
 Male  
**Age**  
 16 weeks  
**WEIGHT**  
 30 #

**INTERPRETED BY**  
 Remo Lobetti, BVSc,  
 MMedVet (Med), PhD, Dipl.  
 ECVIM

**IMAGING PERFORMED BY**  
 Sonya Myers, DVM

**HOSPITAL NAME**  
 Oviedo Veterinary Care and  
 Emergency

**REFERRING VET**  
 Dr Adams

**INVOICE**  
 303824

**DATE**  
 1/27/23

History: Sharpei fever.  
 Physical Examination: N/A.  
 Urinalysis: N/A.  
 CBC: N/A.  
 Serum Biochemistry: N/A.  
 Radiographic Findings: N/A.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**
**Urinary System**

Empty urinary bladder with a normal thickness and echogenic appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal trigone area, proximal urethra (0.5 cm), and iliac blood vessels.

Normal iliac lymph nodes (1.7 cm). Ureters not visualized.

Renomegaly (left 6.8 cm, right 7.2 cm) with normal echogenic appearance, loss of cortico-medullary differentiation, and normal pelvis and capsule.

**Reproductive System**

Normal size and appearance of the prostate (0.9 cm).

**Adrenal Glands**

Normal position, echogenic appearance, size, and shape. Left 0.41/0.31 cm, right 0.52/0.47 cm.

**Spleen**

Normal size (1.4 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

**Liver**

Normal size, echogenic and nodular appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct (0.3 cm).

**Gastrointestinal**

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.36 cm, jejunum 0.32 cm, colon 0.15 cm) and peristaltic activity, and no distension of the lumen. Ingesta within the stomach.

**PATIENT*****Pancreas***

Goose Chroma

Normal size (right 1.3 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**SPECIES*****Free Abdomen***

Canine

Mesenteric lymphadenomegaly (0.5 x 2.6 cm) with normal shape and echogenic appearance. No ascites.

**BREED**

Shar Pei

**ULTRASONOGRAPHIC FINDINGS**

## Primary Findings:

- Renal disease.
- Mesenteric lymphadenomegaly.

**SEX**

Male

**Age**

16 weeks

## Secondary Findings:

- None.

**WEIGHT**

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Etiologies for the renal disease would be amyloidosis, acute kidney injury (toxins, hypoxia), bacterial nephritis, and Leptospirosis.

Etiologies for the lymph nodes would be age-related change and reactive hyperplasia with lymphadenitis a differential diagnosis.

Further assessment would be urinalysis, urine culture, renal function (urea, creatinine, SDMA), *Leptospira* serology/PCR, and possibly FNA cytology of the kidneys. Renal biopsy may be required for a final etiological diagnosis.

Specific therapy would be dependent on an etiological diagnosis.

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Goose Chroma

**SPECIES**

Canine

**BREED**

Shar Pei

**SEX**

Male

**Age**

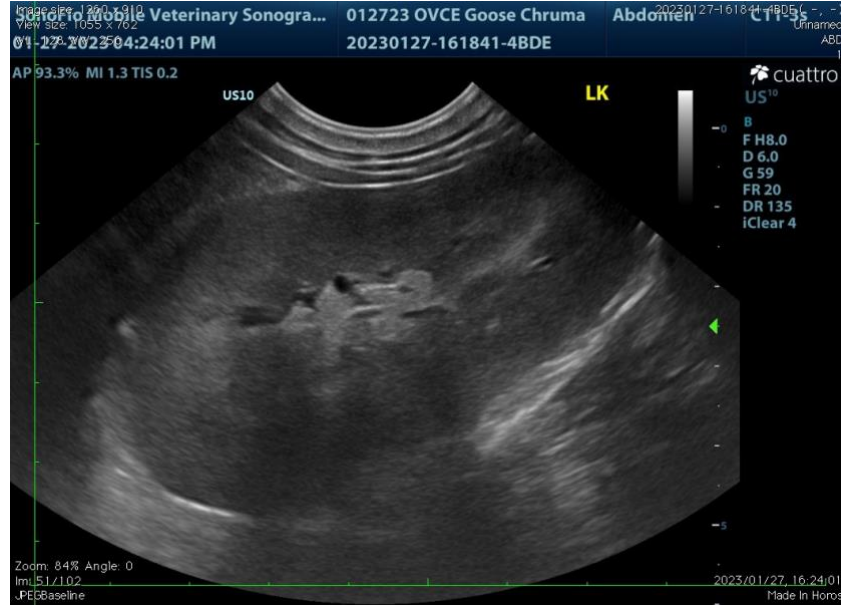
16 weeks

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**IMAGES**

**Left kidney**



**Right kidney**



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**PATIENT**

**Mesenteric lymph node**

Goose Chroma

**SPECIES**

Canine

**BREED**

Shar Pei

**SEX**

Male

**Age**

16 weeks

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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.

**Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)**  
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