



## PATIENT

Jackson Hochberg

## SPECIES

Canine

## BREED

King Charles Cavalier

## SEX

Neutered male

## AGE

11 years

## WEIGHT

9.25 kg

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Sookhoo

## HOSPITAL NAME

Calusa VC

## REFERRING VET

Dr. Sookhoo

## INVOICE

74095

## DATE

4/2/26

## PRESENTING CLINICAL SIGNS

- Jackson presents for lethargy, urinary incontinence, and diarrhea
- Patient History: Urinating in house while lying down, Lethargy and decreased movement since starting galliprant for arthritis, Has not been left alone since 2020; owner's wife passed away and dog has not been himself since. Woke owner multiple times last night (1 AM, 3 AM, 5 AM) due to scratching/wanting to go out. Diarrhea since Monday; had normal breakfast for first time today since Monday. Stool described as pumpkin-colored mixed with grass, plus one normal stool. Periodic coughing. Chronic eye lesion that becomes itchy when dog gets upset.
- Current medications: Vetmedin, furosemide (Lasix), galliprant (recently started). Has not been on flea/tick/heartworm prevention recently
- Known cardiac disease requiring medical boarding
- Elevated CPL, mod elevated ALT

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The urinary bladder is full with a normal thickness and smooth appearance of the wall. A scant amount of floating, hyperechogenic sediment.

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

Normal renal size (left measured 4.9 cm, right measured 4.6 cm), increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule. No infarcts, mineralization or renoliths evident. Normal color flow pattern is evident in both kidneys. A few, small, cortical cysts are present in the left kidney.

The prostate is small and hypoechogenic.

### Adrenal Glands

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 0.48 cm in width. The right adrenal gland measured 0.45 cm.

### Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. Incidental myelolipomas are evident. A small, focal, non-vascularized parenchymal nodule measuring 0.6 cm in the body of the spleen. The spleen measures 1.3 cm in width.



## PATIENT

Jackson Hochberg

## SPECIES

Canine

## BREED

King Charles Cavalier

## SEX

Neutered male

## AGE

11 years

## WEIGHT

9.25 kg

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Sookhoo

## HOSPITAL NAME

Calusa VC

## REFERRING VET

Dr. Sookhoo

## INVOICE

74095

## DATE

4/2/26

## Liver

Normal size with a diffuse, increased echogenic and coarse appearance, normal portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.

## Gallbladder

The gallbladder is small containing a moderate amount of non-adhered, hyperechogenic sediment. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

## Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen. A moderate amount of ingesta is present in the stomach compatible with a recent meal.

## Pancreas

The visible sections of the pancreas are of normal size and echogenic appearance with a regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

## Free Abdomen

Normal mesenteric lymph nodes.

No ascites evident.

## ULTRASONOGRAPHIC FINDINGS

- Splenic nodule.
- Age related renal changes versus early chronic kidney disease.
- Gallbladder sediment.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the splenic nodule would be reactive hyperplasia/extramedullary hemopoiesis, hematoma, granuloma with emerging neoplasia a less likely differential diagnosis.

Etiologies for the hepatopathy would be reactive hyperplasia, early nodular hyperplasia, vacuolar and metabolic with hepatitis and infiltrative neoplasia highly unlikely differential diagnosis.



## PATIENT

Jackson Hochberg

## SPECIES

Canine

## BREED

King Charles Cavalier

## SEX

Neutered male

## AGE

11 years

## WEIGHT

9.25 kg

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Sookhoo

## HOSPITAL NAME

Calusa VC

## REFERRING VET

Dr. Sookhoo

## INVOICE

74095

## DATE

4/2/26

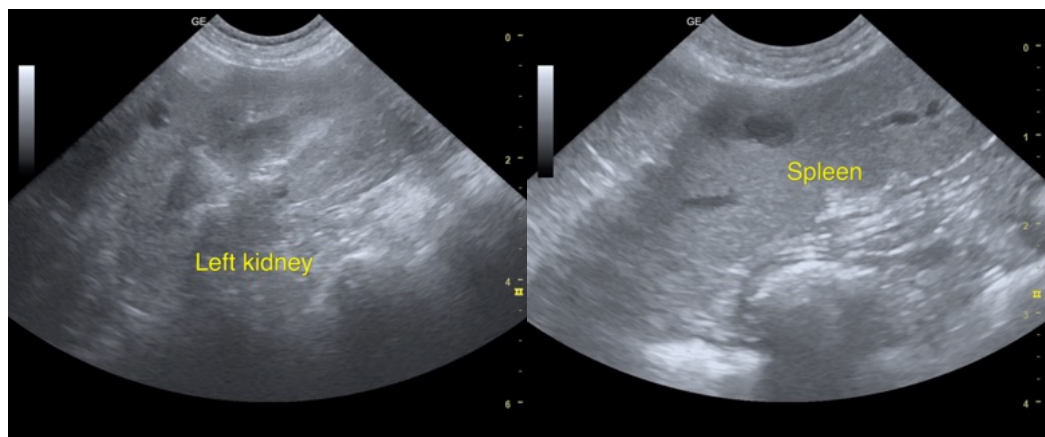
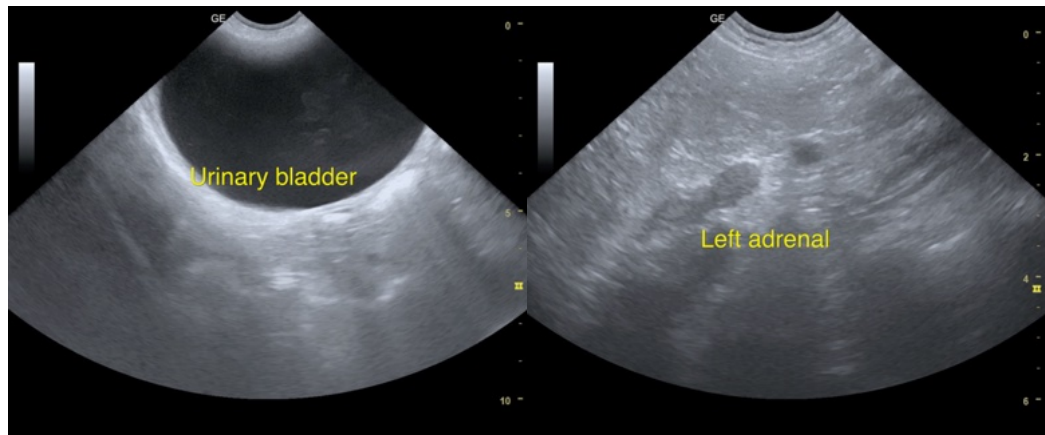
The gallbladder sediment is most likely an incidental finding.

On this ultrasound there is no obvious etiology for the presenting clinical signs, which most likely can be attributed to the recent Galliprant therapy.

Further assessment of the hepatopathy that can be considered would be FNA cytology of the liver; however, a tru cut or wedge biopsy may be required for a final etiological diagnosis.

Specific therapy would be dependent on an etiological diagnosis.

Symptomatic management that can be considered for the hepatopathy as well as the gallbladder sediment would be the use of Ursodiol with regular monitoring of liver enzyme activity.





## PATIENT

Jackson Hochberg

## SPECIES

Canine

## BREED

King Charles Cavalier

## SEX

Neutered male

## AGE

11 years

## WEIGHT

9.25 kg

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Sookhoo

## HOSPITAL NAME

Calusa VC

## REFERRING VET

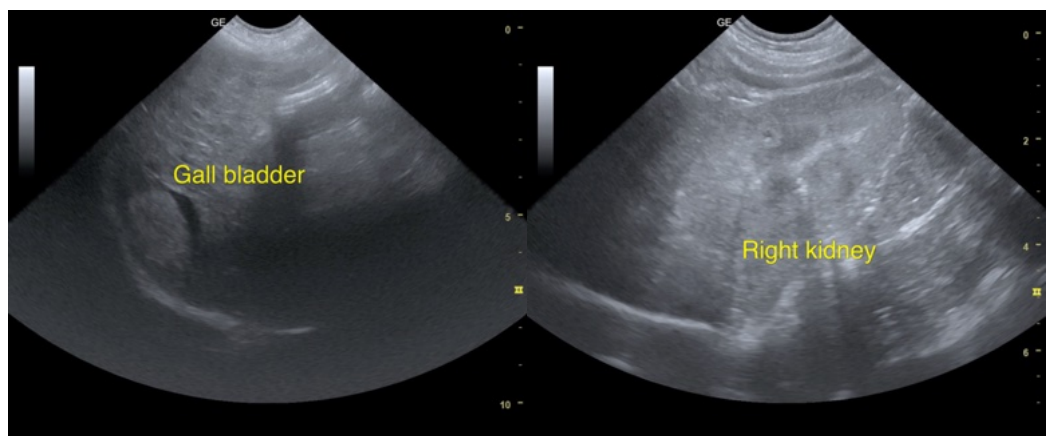
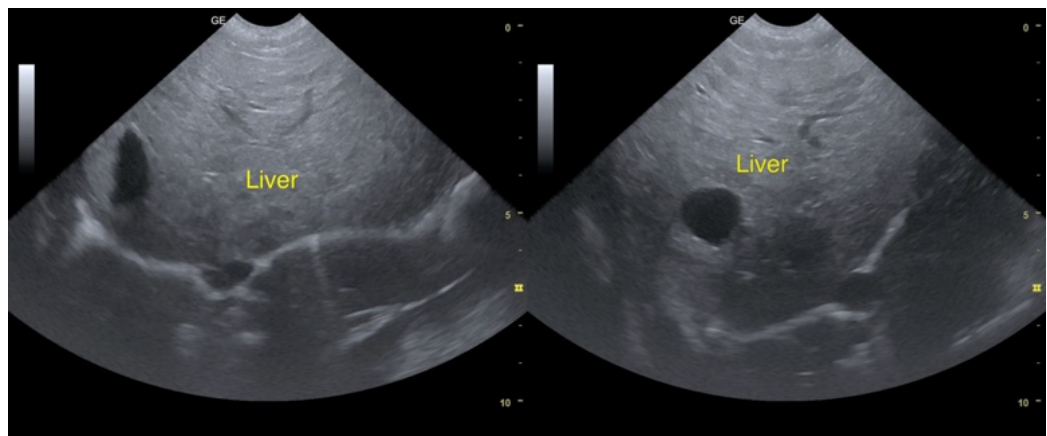
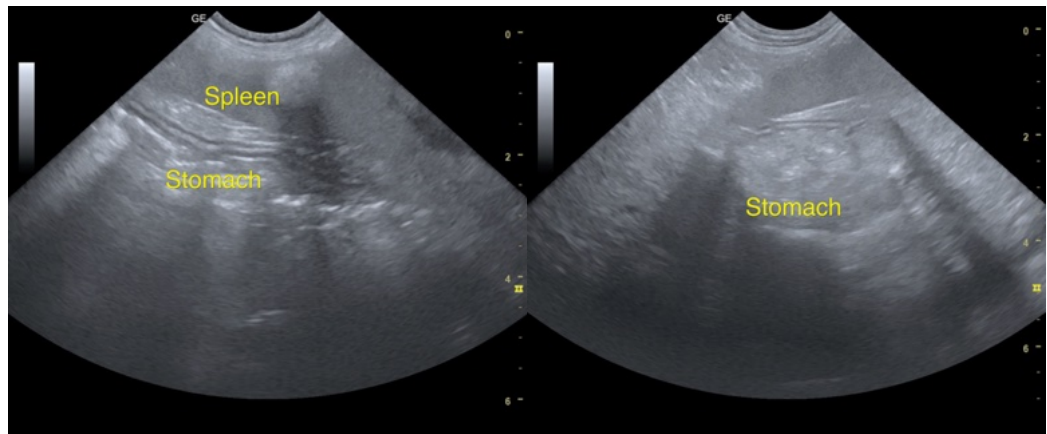
Dr. Sookhoo

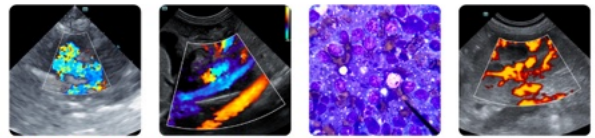
## INVOICE

74095

## DATE

4/2/26





## PATIENT

Jackson Hochberg

## SPECIES

Canine

## BREED

King Charles Cavalier

## SEX

Neutered male

## AGE

11 years

## WEIGHT

9.25 kg

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Sookhoo

## HOSPITAL NAME

Calusa VC

## REFERRING VET

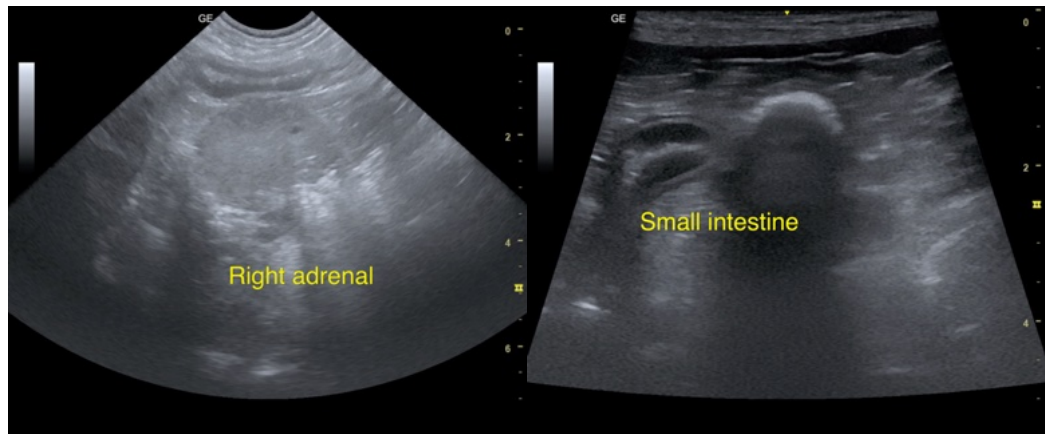
Dr. Sookhoo

## INVOICE

74095

## DATE

4/2/26



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.

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

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