



PATIENT

Skye VanOrden

SPECIES

Canine

BREED

German Shepherd Mix

SEX

Spayed female

AGE

10 years

WEIGHT

53.4 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Heart and Paw Lake
Hopatcong

REFERRING VET

Dr. Marmolejo

INVOICE

69475

DATE

12/22/25

PRESENTING CLINICAL SIGNS

History: Hematuria & pollakiuria. Irregular, corrugated appearance to bladder.
RBC 8.86; Hgb 20.6; Hct 63.4. UA: Blood 3+; WBC (tntc); Protein >300mg/dl; bacteria 21-100; USG: 1.023

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is full with a thickened and irregular appearance of the wall. Irregular, poorly vascularized mass is noted on the dorsal wall measuring 1.5 x 3.0 cm in size. A moderate amount of floating, hyperechogenic sediment is evident. No uroliths present.

Thickened appearance of the trigone area.

Enlarged iliac lymph node measuring 1.1 x 2.2 cm in size with a rounded shape and hypoechogenic appearance. Normal appearance of the proximal urethra and iliac blood vessels. Ureters not visualized, which can be considered a normal finding.

Normal renal size (left measured 5.5 cm, right measured 5.9 cm), architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts, mineralization or renoliths evident. Normal color flow pattern is evident in both kidneys.

Adrenal Glands

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 2.14 cm in length x 0.48 cm and 0.64 cm in width. The right adrenal gland measured 2.22 cm in length x 0.72 cm in width.

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. No inflammatory, neoplastic, infarction, or infiltrative changes evident. The spleen measured 2.0 cm in width.

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.



PATIENT

Skye VanOrden

SPECIES

Canine

BREED

German Shepherd Mix

SEX

Spayed female

AGE

10 years

WEIGHT

53.4 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Heart and Paw Lake
Hopatcong

REFERRING VET

Dr. Marmolejo

INVOICE

69475

DATE

12/22/25

Gallbladder

The gallbladder is full containing normal anechoic bile. 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.

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

- Urinary bladder pathology.
- Urinary bladder sediment.
- Iliac lymphadenomegaly.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The most likely etiology for the urinary bladder would be neoplasia with granulomatous disease and chronic bacterial cystitis an unlikely differential diagnosis.

Etiologies for the iliac lymphadenomegaly would be reactive hyperplasia, infiltrative neoplasia and possibly lymphadenitis.

Further assessment would be urine culture, BRAF analysis and/or catheter assisted aspirate/biopsy of the urinary bladder wall for cytology/histopathology and culture.

At this point palliative therapy would be indicated.

Palliative therapy for urinary bladder neoplasia

Medical palliation



PATIENT

Skye VanOrden

SPECIES

Canine

BREED

German Shepherd Mix

SEX

Spayed female

AGE

10 years

WEIGHT

53.4 lbs

- NSAIDs such as piroxicam (0.3 mg/kg SID), firocoxib 5 mg/kg SID), deracoxib 2–3 mg/kg SID).
- NSAIDs combined with palladia.

Chemotherapy (combined with NSAIDs)

- Mitoxantrone 5–6 mg/m² IV q3wk
- Vinblastine 2 mg/m² IV q2wk.
- Carboplatin 300 mg/m² IV q3–4wk
- Chlorambucil 4 mg/m² PO q24–48h.

Supportive care

- Pain control: gabapentin ± tramadol.
- Manage dysuria with prazosin or phenoxybenzamine.
- Treat UTIs based on culture.
- Control hematuria with hydration and NSAIDs.
- Manage constipation with lactulose.

Interventional palliation

- Urethral stent – relieves obstruction, improves quality of life.
- Cystostomy tube – long-term bladder drainage.
- Palliative radiation – reduces tumor bulk, hematuria, dysuria.
- Laser ablation or debulking.

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Heart and Paw Lake
Hopatcong

REFERRING VET

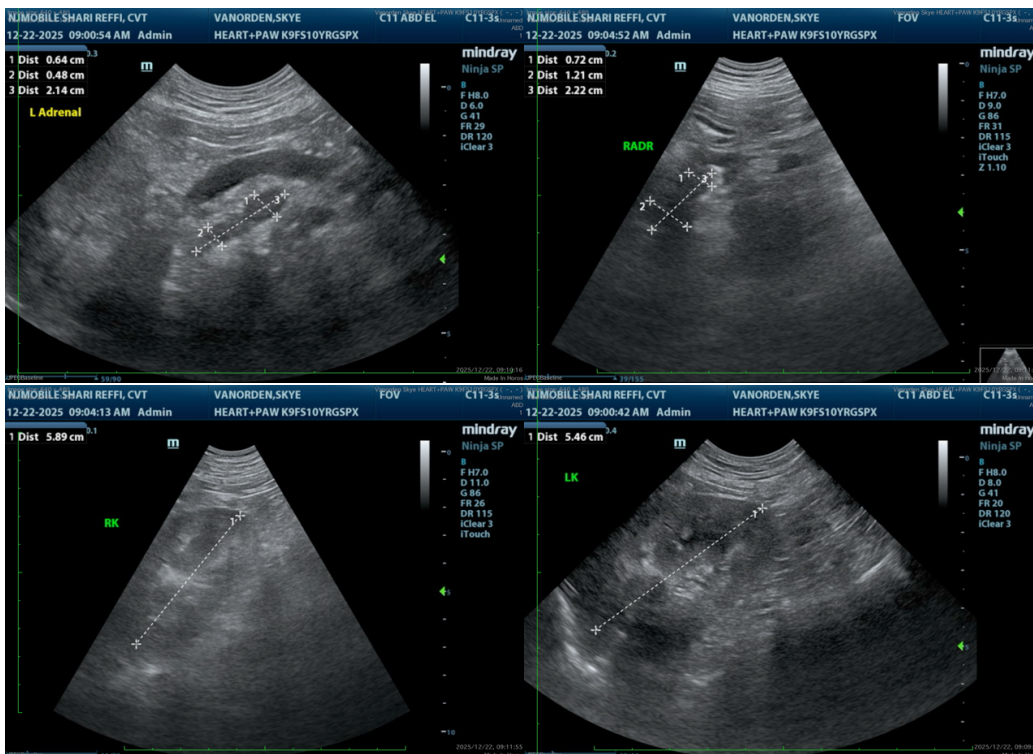
Dr. Marmolejo

INVOICE

69475

DATE

12/22/25





PATIENT

Skye VanOrden

SPECIES

Canine

BREED

German Shepherd Mix

SEX

Spayed female

AGE

10 years

WEIGHT

53.4 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Heart and Paw Lake
Hopatcong

REFERRING VET

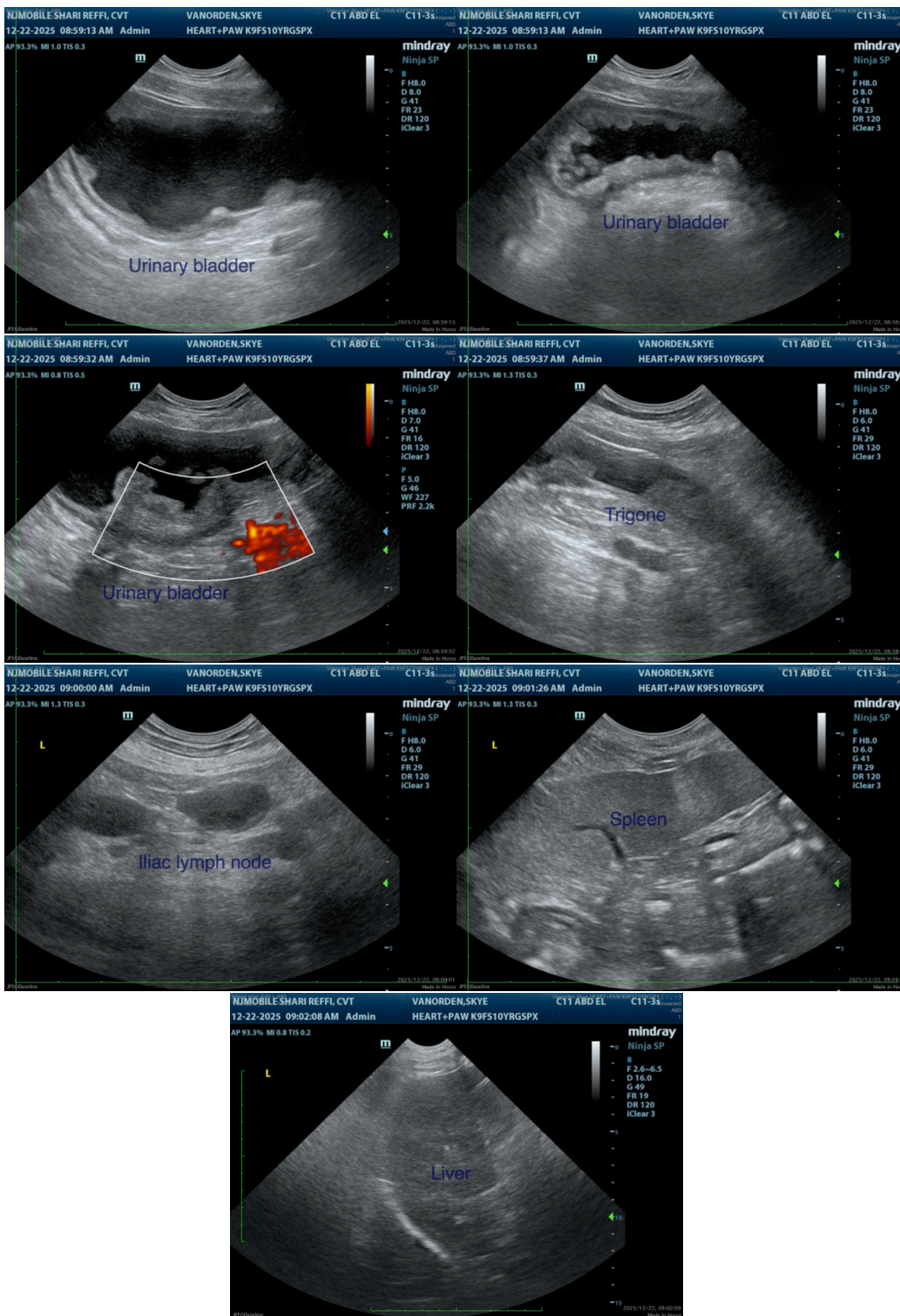
Dr. Marmolejo

INVOICE

69475

DATE

12/22/25





PATIENT

Skye VanOrden

SPECIES

Canine

BREED

German Shepherd Mix

SEX

Spayed female

AGE

10 years

WEIGHT

53.4 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Heart and Paw Lake
Hopatcong

REFERRING VET

Dr. Marmolejo

INVOICE

69475

DATE

12/22/25

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