



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Neo Niikura History: 4-day duration of hematochezia, diarrhea, reduced appetite, and episodes of vomiting. Chronic weight loss. Previous diagnosis of chronic kidney disease.

SPECIES Canine Physical Examination: Grade IV/VI systolic murmur, dehydrated, weak.

Urinalysis: Normal SG, trace protein. Pyuria and hematuria on sediment.

BREED CBC: Mild non-regenerative anemia.

Shibu Inu Serum Biochemistry: Elevated SDMA and urea. Low T4.

Radiographic Findings: N/A.

SEX

MN

AGE

17 years

WEIGHT

6.5 kg

INTERPRETED BY

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

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (right 4.5 cm) with increased echogenic appearance, loss of cortico-medullary differentiation, pyelectasia, irregular capsule and normal blood flow.

Adrenal Glands

Normal shape, size, echogenic appearance, and position.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size, echogenic appearance, and portal markings. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal appearance and thickness of the gall bladder wall. Normal bile duct (0.29 cm).

Gastrointestinal

Normal appearance of the pylorus, stomach, duodenum, and ileo-cecal junction with normal thickness layering and peristaltic activity. Prominent hypoechoic appearance of the mucosal layer of the small intestine and colon but with no loss of layering or distension of the lumen.

IMAGING PERFORMED BY

Dr Alastair Westcott,
DVM

HOSPITAL NAME

REFERRING VET

Dr Alastair Westcott,
DVM

INVOICE

302548

DATE

9/7/21



PATIENT *Pancreas*

Neo Niikura Normal size (left 0.92 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.
No ascites.

BREED

Shibu Inu

ULTRASONOGRAPHIC FINDINGS

SEX

Primary Findings:

MN

- Enteropathy.
- Renal disease.

AGE

17 years

Secondary Findings:

- None.

WEIGHT

6.5 kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

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

Etiologies for the enteropathy would be non-specific enteritis (viral, bacterial, protozoal, helminths, toxins, dietary indiscretion), uremic gastro-enteropathy, ulcerative disease, gastritis, inflammatory bowel disease, and dietary hypersensitivity.

The appearance of the kidneys is typical for chronic kidney disease with bacterial nephritis, a differential diagnosis.

Further assessment would be urine and fecal analysis, urine culture, blood pressure, serum cobalamin assay, echocardiography, and possibly endoscopy with biopsies of both the upper and lower GI tract, especially if there is not a satisfactory improvement with symptomatic therapy.

IMAGING PERFORMED BY

Dr Alastair Westcott,
DVM

HOSPITAL NAME

Specific therapy would be dependent on an etiological diagnosis.

REFERRING VET

Dr Alastair Westcott,
DVM

Symptomatic management of the enteropathy would be fluid therapy to correct the dehydration, hypoallergenic/novel protein diet, course of metronidazole and/or fenbendazole, cobalamin supplementation, and possibly prednisolone.

Once the enteropathy has been controlled/resolved, management of the kidney disease would be renal diet (ideally), ACE inhibitor/receptor blockers, and enteric phosphate binders.

INVOICE

302548

DATE

9/7/21



PATIENT

Neo Niikura

IMAGES

Small intestine

SPECIES

Canine

BREED

Shibu Inu

SEX

MN

AGE

17 years

WEIGHT

6.5 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr Alastair Westcott,
DVM

HOSPITAL NAME

REFERRING VET

Dr Alastair Westcott,
DVM

INVOICE

302548

DATE

9/7/21





PATIENT Colon

Neo Niikura

SPECIES

Canine

BREED

Shibu Inu

SEX

MN

AGE

17 years

WEIGHT

6.5 kg

Kidney

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr Alastair Westcott,
DVM

HOSPITAL NAME

REFERRING VET

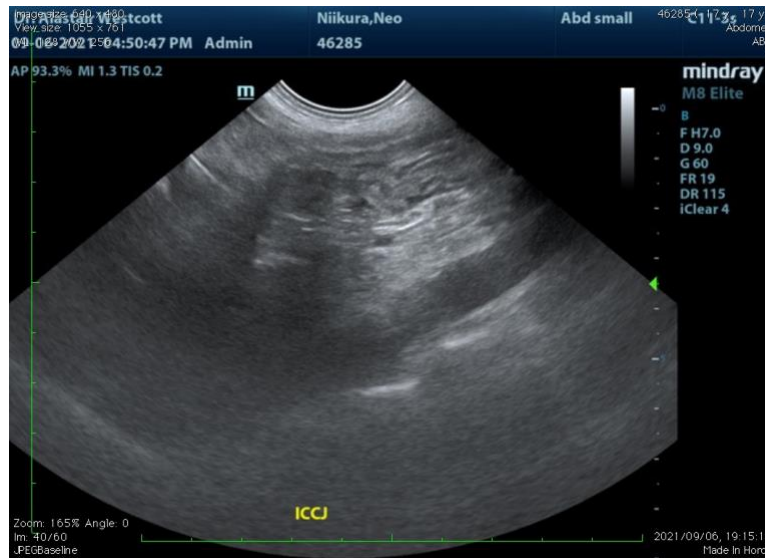
Dr Alastair Westcott,
DVM

INVOICE

302548

DATE

9/7/21



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)
rlobetti@mweb.co.za