



PATIENT PRESENTING CLINICAL SIGNS

Fritz Duckworth History: Dyspnea, history of GI tract disease.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

BREED CBC: Anemia, inflammatory leukogram.

Miniature Schnauzer Serum Biochemistry: Hypoalbuminemia.

Radiographic Findings: Cardiomegaly and hepatomegaly.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

MN *Urinary System*

Age Small urinary bladder with a thickened and irregular appearance of the wall. Small amount of floating hyperechogenic sediment present. No uroliths evident.

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

WEIGHT Normal iliac lymph nodes (1.5 cm). Ureters not visualized.

Left kidney – normal size (4.7 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation and normal pelvis, and capsule.

INTERPRETED BY Right kidney – enlarged (5.6 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, pyelectasia (0.4 cm), foci of mineralization, and irregular and capsule. Large hypoechoic vascularized parenchymal mass (2.9 x 4.6 cm) with bulging of the overlying capsule.

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

IMAGING PERFORMED BY *Reproductive System*

Sonya Myers, DVM Prostategaly (1.5 x 1.7 cm for a neutered dogs) with a hypoechoic appearance and foci of mineralization.

HOSPITAL NAME *Adrenal Glands*

My Pets Wellness Ormond Beach Normal position, shape, echogenic appearance, and size. Left 0.47/0.36 cm, right 0.36/0.64 cm.

REFERRING VET *Spleen*

Normal size (1.2 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

INVOICE *Liver*

303734 Enlarged with rounded edges, hypoechoic appearance, loss of portal markings, and regular curvilinear capsule. No nodules or masses evident. Dilated hepatic veins. Full gall bladder containing moderate amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct (0.2 cm).

DATE
1/5/23


PATIENT *Gastrointestinal*

Fritz Duckworth Segmental thickening of the stomach (0.7 cm), duodenum (0.45 cm), small intestine (0.47 cm), and colon (0.37 cm) with no loss of layering, normal peristaltic activity, and no distension of the lumen. Mucosal stippling with the small intestine.

SPECIES

Canine *Pancreas*

BREED

Enlarged (right 1.2 cm) with a diffuse hypoechogenic appearance and irregular capsule. Hyperechogenic appearance of the mesentery and fat surrounding the pancreas.

Miniature Schnauzer

Free Abdomen
SEX

Normal mesenteric lymph nodes (1.3 cm).
No ascites.

MN
Thorax
Age

12 years

Mottled echogenic mass (3.7 x 4.4 cm) within the right ventricle and interventricular septum.
Pleural effusion.
No pericardial effusion.

WEIGHT

#

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Right renal mass.
- Cardiac mass.
- Prostamegaly.
- Gastroenteropathy.
- Hepatopathy.
- Pancreatitis.

INTERPRETED BY

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

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

My Pets Wellness Ormond
Beach

Secondary Findings:

- Cystitis.
- Gall bladder sediment.
- Age-related renal changes.

REFERRING VET
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

With the cardiac and renal mass and the prostamegaly, the most likely diagnosis would be metastatic neoplasia.

INVOICE

303734

The appearance of the liver, pancreas, and GI tract would be consistent with edema secondary to right heart failure. The pleural effusion can also be ascribed to the right heart failure.

DATE

1/5/23

Further assessment that could be considered would be urinalysis and FNA cytology of the renal mass and prostate.

At this point palliative therapy would be indicated – diuretics and possibly NSAIDs.



PATIENT

Fritz Duckworth

SPECIES

Canine

BREED

Miniature Schnauzer

SEX

MN

Age

12 years

WEIGHT

#

INTERPRETED BY

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

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

My Pets Wellness Ormond
 Beach

REFERRING VET

INVOICE

303734

DATE

1/5/23

IMAGES

Urinary bladder



Prostate





PATIENT Liver

Fritz Duckworth

SPECIES

Canine

BREED

Miniature Schnauzer

SEX

MN

Age

12 years

WEIGHT

#



Right kidney

INTERPRETED BY

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

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

My Pets Wellness Ormond
 Beach

REFERRING VET



INVOICE

303734

DATE

1/5/23



PATIENT Heart

Fritz Duckworth

SPECIES

Canine

BREED

Miniature Schnauzer

SEX

MN

Age

12 years

WEIGHT

#



INTERPRETED BY

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

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.

IMAGING PERFORMED BY

Sonya Myers, DVM

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)
rlobetti@mweb.co.za

HOSPITAL NAME

My Pets Wellness Ormond
 Beach

REFERRING VET

INVOICE

303734

DATE

1/5/23