



PATIENT PRESENTING CLINICAL SIGNS

Oreo Dahlem

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

15 Years

WEIGHT

11.9 Pounds

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

IMAGING PERFORMED BY

Jenna Walsh

HOSPITAL NAME

West Hills AH

REFERRING VET

Dr. Remcho

DATE

10/28/21

INVOICE

14046

History: HX of CKD IRIS 2/4, feline lower airway disease (asthma), hypertrophic cardiomyopathy, hypertension, now struggling with hypokalemia Current Medications 1) Amlodipine 1.875 mg capsule - 1 capsule (1.875 mg) PO Q24hours in the evening 2) Fluticasone inhaler - 1 pufi (250 mg) Q12h 3) Zyrtec PRN when congested - 1/2 tablet (5 mg) PO 4) Albuterol inhaler PRN if more severe congestion (has not needed it in a long time) - 1 puff as needed every 30 minutes for up to 6 hours 5) Gabapentin - gave 100 mg PO once on morning of appointment for tranquilization 6) Two Chinese herbs: concentrated breathe easier B and concentrated bufeisan 7) Potassium gluconate 2 mEq PO BID Radiographic Findings June 2021: Orthogonal abdominal and thoracic radiographs are available for interpretation (total 5). Previous radiographs dated 8/24/2020 are reviewed for reference. Severe peribronchial cuffing is seen throughout the lungs and is similar to the previous radiographic study. The heart is enlarged. The aortic arch is prominent. Mineral opacities are superimposed over the bilateral kidneys. The right kidney is small as compared to the length of the L2 vertebral body; the left kidney is normal in size. A mineral opacity curvilinear structure superimposed over the right cranioventral abdomen, likely a cholelith. The cardiac silhouette, pulmonary vasculature, mediastinum, and pleural space are within normal limits. There is no evidence of intrathoracic lymphadenopathy. There is good serosal detail throughout the abdomen. The liver, gastric axis, spleen, small and large bowel, and urinary bladder are within normal limits. A microchip identification device is noted in the dorsal extra-thoracic soft tissues. The osseous structures are unremarkable. Assessment: 1. Severe Diffuse bronchial lung pattern. Differentials for this should include feline chronic bronchitis (asthma syndrome), antigenic stimulation such as parasites, less likely pneumonitis and bronchial pneumonia. 2. Cardiomegaly is present and unchanged since the previous study. Inclined heart with prominent aortic arch. While conspicuity of the aortic arch can be seen in geriatric patients, this is also consistent with systemic hypertension. 3. Chronic renal disease may imply decreased renal function. 4. Cholelithiasis.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder is distended. A small amount of suspended echogenic debris is observed within the lumen. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2.0 cm, are normal.

The left kidney is normal size (3.83 cm in length); with an irregular shape. The cortex is variably thickened and there is moderate loss of corticomedullary distinction. Cortical infarcts are present. A few nephroliths are seen. There is no evidence of pyelectasia or hydroureter. Renal vasculature is normal.

The right kidney is small in size (3.12 cm in length); with an irregular shape. The cortex is variably thickened and there is moderate loss of corticomedullary distinction. Cortical infarcts are present. A few nephroliths are seen. There is no evidence of pyelectasia or hydroureter. Renal vasculature is

Adrenal Glands



PATIENT

The left adrenal gland is normal size (0.61 cm length; 0.30 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

Oreo Dahlem

SPECIES

The right adrenal gland is normal size (0.79 cm length; 0.44 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

Feline

Spleen

BREED

The spleen is normal in size (0.84 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

DSH

SEX

Liver

Spayed Female

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed.

AGE

15 Years

The gall bladder is mildly distended. The wall is diffusely thickened (up to 0.21 cm). Echogenic to mineralized debris is observed within the lumen. The cystic and common bile ducts are normal.

WEIGHT

11.9 Pounds

Gastrointestinal

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall is normal to mildly thickened (up to 0.29 cm) with a normal layering pattern and appropriate mural detail. There is slight disruption in the normal 1:3 muscularis to mucosal ratio in some segments. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

Pancreas

**IMAGING
PERFORMED BY**

Jenna Walsh

The left and right limbs of the pancreas are visible with normal curvilinear peripheral contours. The parenchyma is largely isoechoic relative to surrounding omental fat and slightly mottled in appearance. The pancreatic duct is visible but not overtly dilated. There is no evidence of peripancreatic inflammation or effusion.

HOSPITAL NAME

West Hills AH

Free Abdomen

REFERRING VET

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

Dr. Remcho

Other

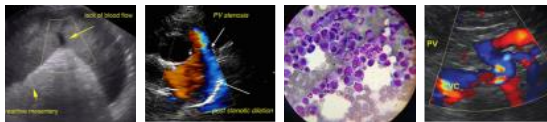
DATE

A brief echocardiogram (no charge) reveals no evidence of pericardial effusion.

10/28/21

INVOICE

14046



PATIENT ULTRASONOGRAPHIC FINDINGS

Oreo Dahlem

Primary Findings

- Bilateral nephropathy with cortical infarcts and non-obstructive nephrolithiasis
- Bowel pattern consistent with inflammatory bowel disease with potential for emerging lymphoma.

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

Secondary Findings

- The gallbladder wall changes could be consistent with age-related hyperplasia/fibrosis and/or cholecystitis. Correlation with clinical findings is recommended. Mineralized gallbladder contents - incidental.
- The pancreatic changes are most consistent with age-related parenchymal remodeling, potentially secondary to a prior inflammatory episode, early fibrosis or chronic pancreatitis.

AGE

15 Years

WEIGHT

11.9 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Continued supportive care for chronic renal failure is recommended.
- A UPC (if proteinuria is present) and urine culture and sensitivity should be considered, if not already performed.
- Consider measuring a total or ionized magnesium level, as hypomagnesemia can lead to refractory hypokalemia.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

IMAGING PERFORMED BY

Jenna Walsh

HOSPITAL NAME

West Hills AH

REFERRING VET

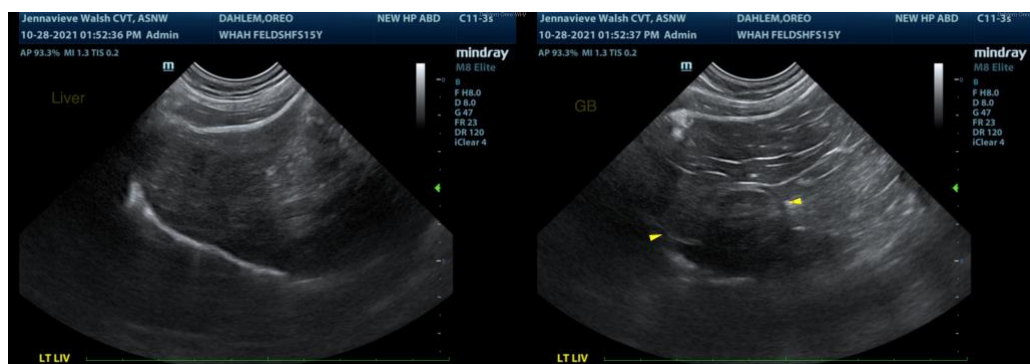
Dr. Remcho

DATE

10/28/21

INVOICE

14046





PATIENT

Oreo Dahlem

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

15 Years

WEIGHT

11.9 Pounds

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

IMAGING PERFORMED BY

Jenna Walsh

HOSPITAL NAME

West Hills AH

REFERRING VET

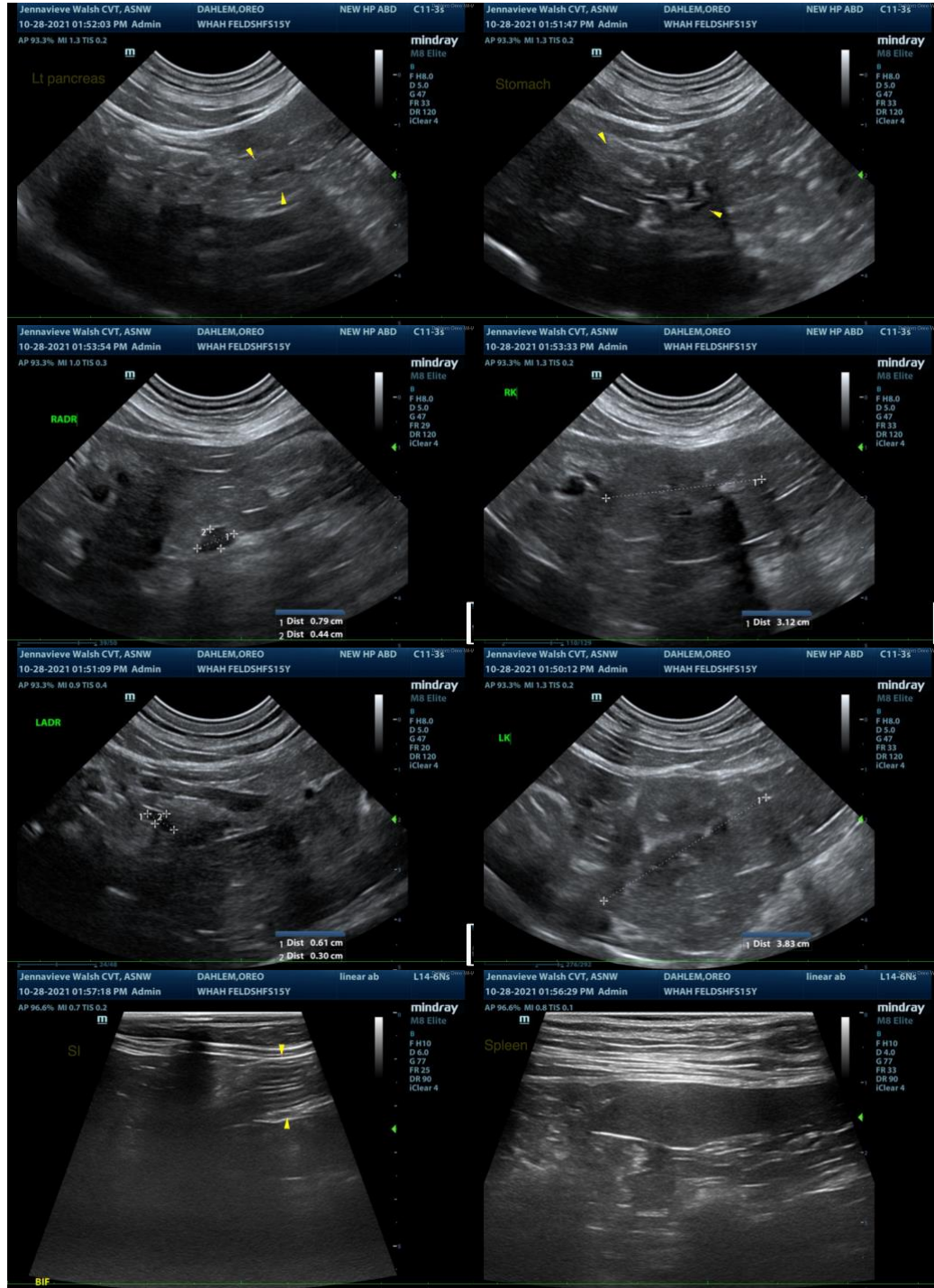
Dr. Remcho

DATE

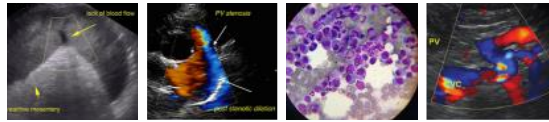
10/28/21

INVOICE

14046



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.



PATIENT

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.

Oreo Dahlem

Andrea Nicastro, DVM, Diplomate ACVIM (*Small Animal Internal Medicine*)

SPECIES

andrea_nicastro2@hotmail.com

Feline

BREED

DSH

SEX

Spayed Female

AGE

15 Years

WEIGHT

11.9 Pounds

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(*Small Animal Internal
Medicine*)

**IMAGING
PERFORMED BY**

Jenna Walsh

HOSPITAL NAME

West Hills AH

REFERRING VET

Dr. Remcho

DATE

10/28/21

INVOICE

14046