



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Lisa Hicks
SPECIES Feline
BREED DSH
SEX Spayed Female
AGE 12.5 Years

History: Lisa is presented to BVS+AE for a surgical consultation to discuss diagnostic and therapeutic options to address a left sided liver mass that was recently discovered on abdominal ultrasound. Ms. Hicks first noted that something was wrong with Lisa when was pooping out of litter box, not as energetic, and losing weight. Lisa was then taken to see Dr. Kirkland, where bloodwork was performed, Chest/abdominal X-Rays, and abdominal Ultrasound were done. During evaluation of the radiographs Dr. Kirkland noticed a cranial abdominal mass, but she also had concerns about some areas in the chest/lungs. The images were sent out for review by a radiologist and confirmed the presence of a cranial abdominal mass but noted that the changes to the lung fields were likely associated with old age. The bloodwork showed that Lisa was mildly anemic and she had significantly elevated liver values. Following that visit Ms. Hicks switched Lisa to a high calorie diet and Dr. Kirkland also prescribed an appetite supplement. Patient has improved in the last week or two but owner is very concerned and wants to know if surgery is a good option.

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

The left liver lobes present multilobulated, hypodense masses leading to left liver enlargement with deviation of the portal vein to the right and caudal displacement of the stomach. The liver surface appears irregular and nodular. The right medial liver shows similar findings.

The spleen is moderately enlarged and shows a marked protruding/a nodular outline of the visceral surface.

INTERPRETED BY Pancreas presents normal size and shape with a smooth surface.

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
 There is a significantly delayed/no excretion of contrast medium of both kidneys recognized. Ureters and urinary bladder show no contrast filling.

Adrenal glands are in normal limits.

HOSPITAL NAME Bluegrass VS
 The caudal aspect of the descendant colon/rectum indicate an irregular, asymmetric thickening of the wall. As far as can be assessed, the stomach and all parts of intestine are regularly presented apart from that. There are no signs of an obstructive or functional ileus.

REFERRING VET Jose Guevara
 Abdominal lymph nodes and abdominal vessels have no particular findings. Signs of peritoneal/retroperitoneal effusion or free gas are not recognized.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- INVOICE** 13677
- Multilobulated masses left liver and right medial liver
 - Moderate splenomegaly and questionable nodular splenic lesion
 - Questionable thickening of the intra-pelvic colon/rectal wall
 - At least delayed renal excretion of contrast medium

DATE 10/11/21



PATIENT

Lisa Hicks

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings most likely present malignant hepatic neoplasia. Size and morphology would go along with that. (Cystic) Adenocarcinoma is a common differential diagnosis. However, biopsy/FNA are needed for further evaluation. As far as can be assessed liver changes involve the complete left liver and parts of the right medial liver. I fear curative resection will not be possible.

The splenic changes are suspicious for neoplasia as well. Metastasis, lymphoma or mast cell tumor are included differentials. Splenic findings should be staged before considering liver surgery (FNA).

The questionable thickening of the colon wall may be artificial due to peristalsis and filling with ingesta. Neoplasia such as initial lymphoma or adenocarcinoma cannot be fully excluded. The asymmetric thickening, I assume is too small to be the primary lesion.

The absence of renal contrast excretion is an indirect sign for renal insufficiency from a CT perspective. This must be correlated with clinical and blood results.

AGE

12.5 Years

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet Specialist
in Diagnostic Imaging

HOSPITAL NAME

Bluegrass VS

REFERRING VET

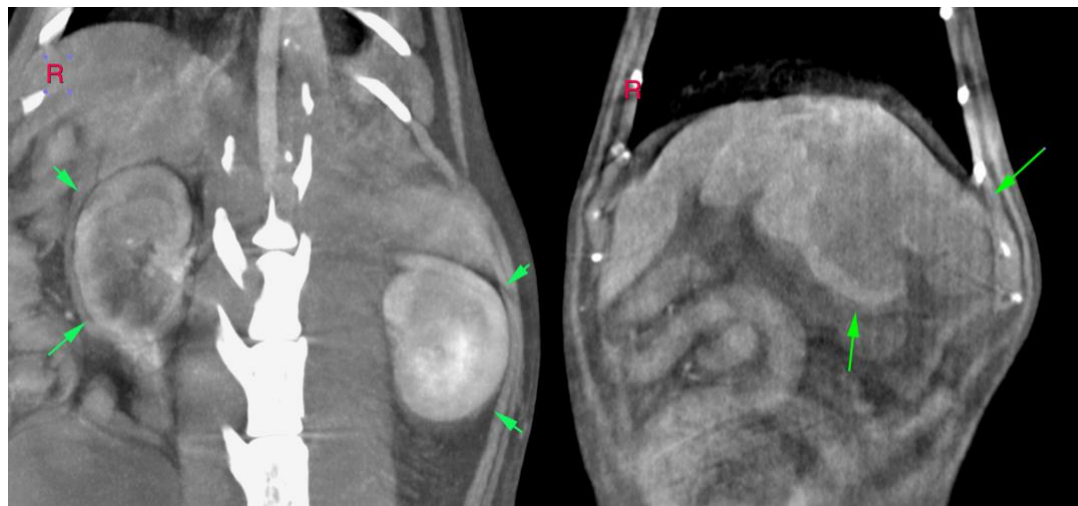
Jose Guevara

INVOICE

13677

DATE

10/11/21





PATIENT

Lisa Hicks

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

12.5 Years

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet Specialist
in Diagnostic Imaging

HOSPITAL NAME

Bluegrass VS

REFERRING VET

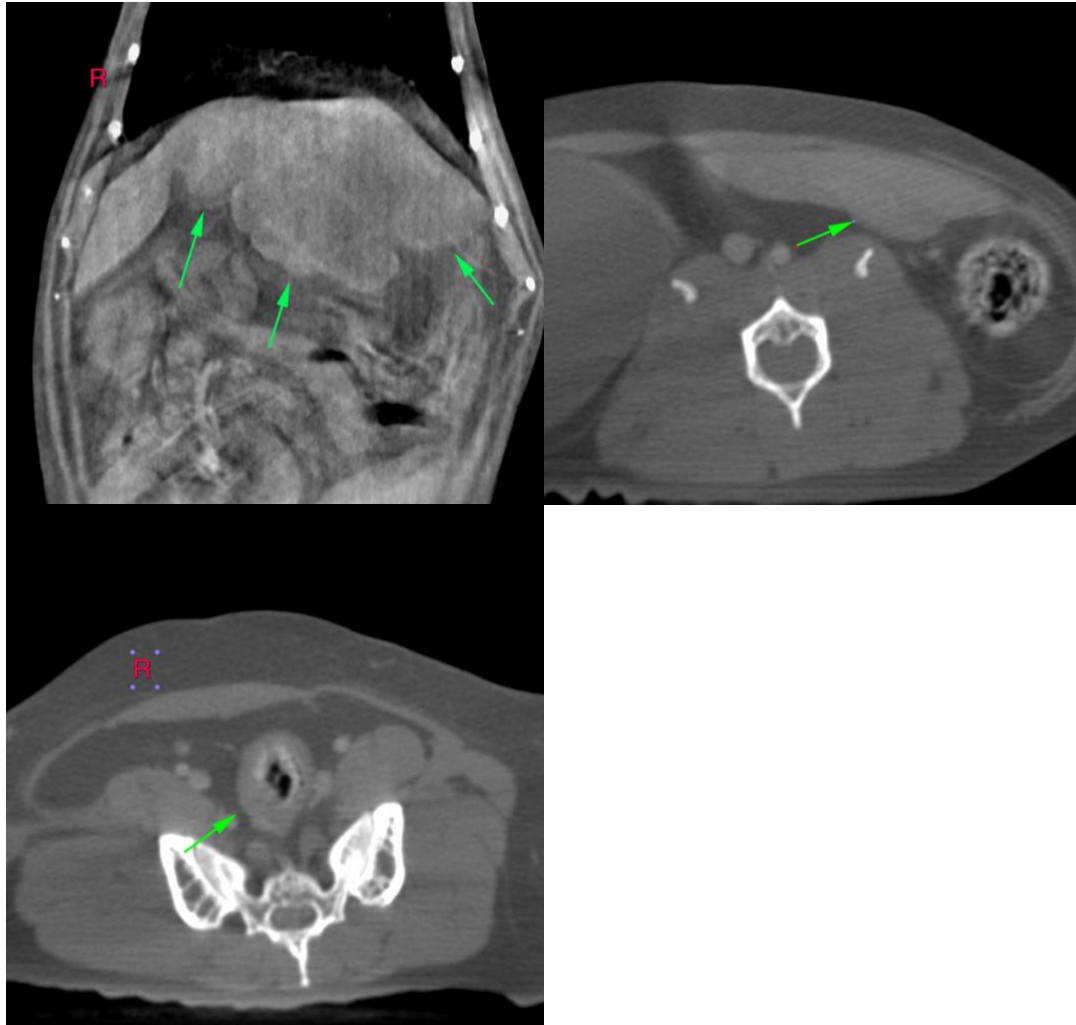
Jose Guevara

INVOICE

13677

DATE

10/11/21



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.

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
info@sonopath.com