



**PATIENT PRESENTING CLINICAL SIGNS**

Snowy Friedman Liver mass noted on ultrasound. Hx of atrial mass monitored by cardiologist for the past year.

**COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN**

**SPECIES**  
Canine Plain and post contrast studies of the abdomen and post contrast study of the thorax available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**  
Poodle An irregular shaped and ill-defined cavitating mass of approximately 3.5 x 4.0 x 4.5 cm is seen within the right division of the liver close to the diaphragm. The mass is caudoventral to the caudal vena cava and a filling defect is seen on the early and late post contrast studies within the ventral aspect of the caudal vena cava level with its diaphragmatic entrance. A cluster of faintly hypoattenuating nodules is seen in the caudate lobe of the liver.

**SEX**  
Spayed Female

The gallbladder and common bile duct present within normal limits.

**AGE**  
11 Years The pancreas presents within the expected limits.

Generalized enlargement of the spleen is noted. The spleen presents a mottled pattern on the post-contrast study with occasional hyperenhancing nodules.

**INTERPRETED BY**  
Both adrenal glands present mild symmetric enlargement with an average pole diameter of 1.1 cm.

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
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**Thorax**  
A 1.5 x 1.7 cm sized soft tissue mass with ill-defined margins is seen level with the left atrium and its pulmonic vein entrance in proximity of the position of the tracheobronchial lymph nodes. No additional cardiac base masses are seen. There is no pericardial effusion.

**HOSPITAL NAME**  
Mobile Pet Imaging The lung and bronchial tree present within age related normal limits. No evidence of interstitial pulmonary nodules or masses is seen.

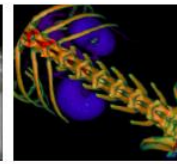
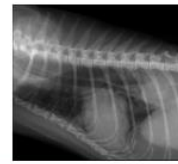
The mediastinal lymph nodes present within normal limits.

**REFERRING VET**  
Meaux A chronic fracture of the third right rib is noted.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- INVOICE**  
52886
- Cavitating right divisional liver mass meeting neoplastic criteria with presumed invasion of the caudal vena cava and small additional hepatic nodules clustering in the caudate lobe.
  - Small soft tissue mass at the heart base level with the left atrium.
  - Splenomegaly with multiple nodules of varying enhancement.
  - Bilaterally symmetric mild adrenomegaly.
  - Fracture of 3<sup>rd</sup> right rib.

**DATE**  
7-14-22


**PATIENT INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

Snowy Friedman

A cavitating liver mass is seen in the right medial and cranial aspect of the right division and right medial lobe origin is considered likely. The CT findings furthermore suggest presence of invasion of the caudal vena cava which will limit the resectability of the mass and is a malignancy criteria.

**SPECIES**

Canine

Differential diagnosis includes primary hepatic neoplasia such as hepatocellular carcinoma as well as secondary neoplasia such as hemangiosarcoma. Additional nodules within the liver may well represent benign nodular hyperplasia; however, metastatic disease cannot be ruled out.

**BREED**

Poodle

Similar applies to the spleen where the multiple nodules may either represent a neoplastic infiltrate including metastases of another primary tumor as well as round cell neoplastic infiltrate or less likely primary neoplasia such as hemangiosarcoma.

**SEX**

Spayed Female

The bilateral adrenal hyperplasia may be functional or nonfunctional. Underlying causes include pituitary dependent hyperadrenocorticism, stressed induced hyperplasia, and less likely primary hyperplasia. Correlate with the laboratory values.

The mass level with the left atrium is only indistinctly seen. It appears to be in the position of the inflow of the pulmonary veins. Correlation with the findings of the cardiac echo is required.

**AGE**

11 Years

**INTERPRETED BY**

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**HOSPITAL NAME**

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**REFERRING VET**

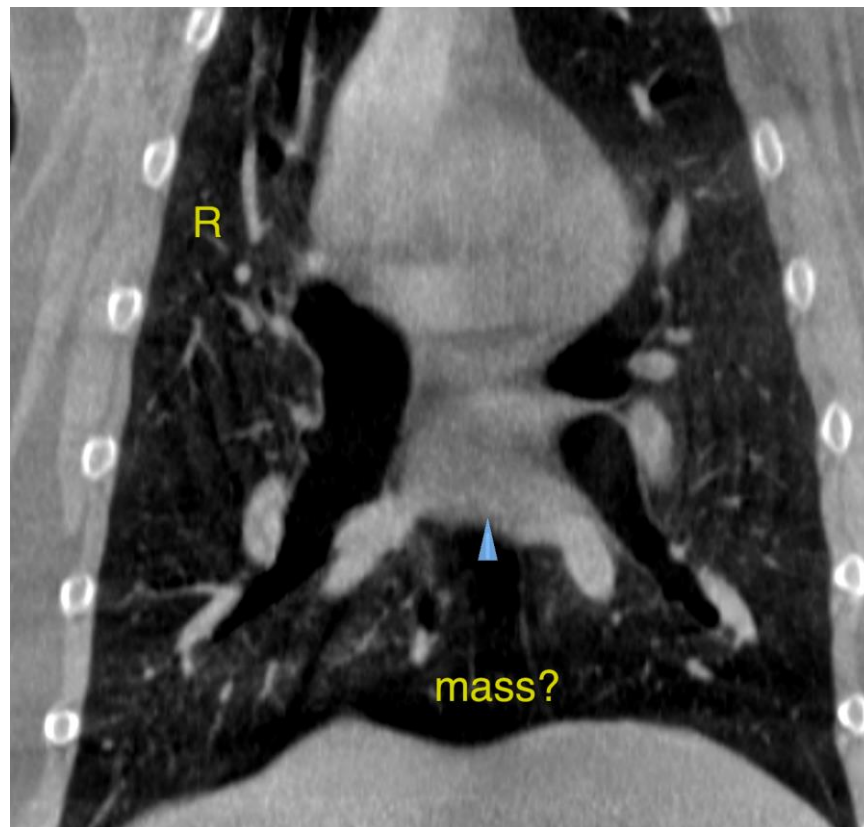
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**PATIENT**

Snowy Friedman

**SPECIES**

Canine

**BREED**

Poodle

**SEX**

Spayed Female

**AGE**

11 Years

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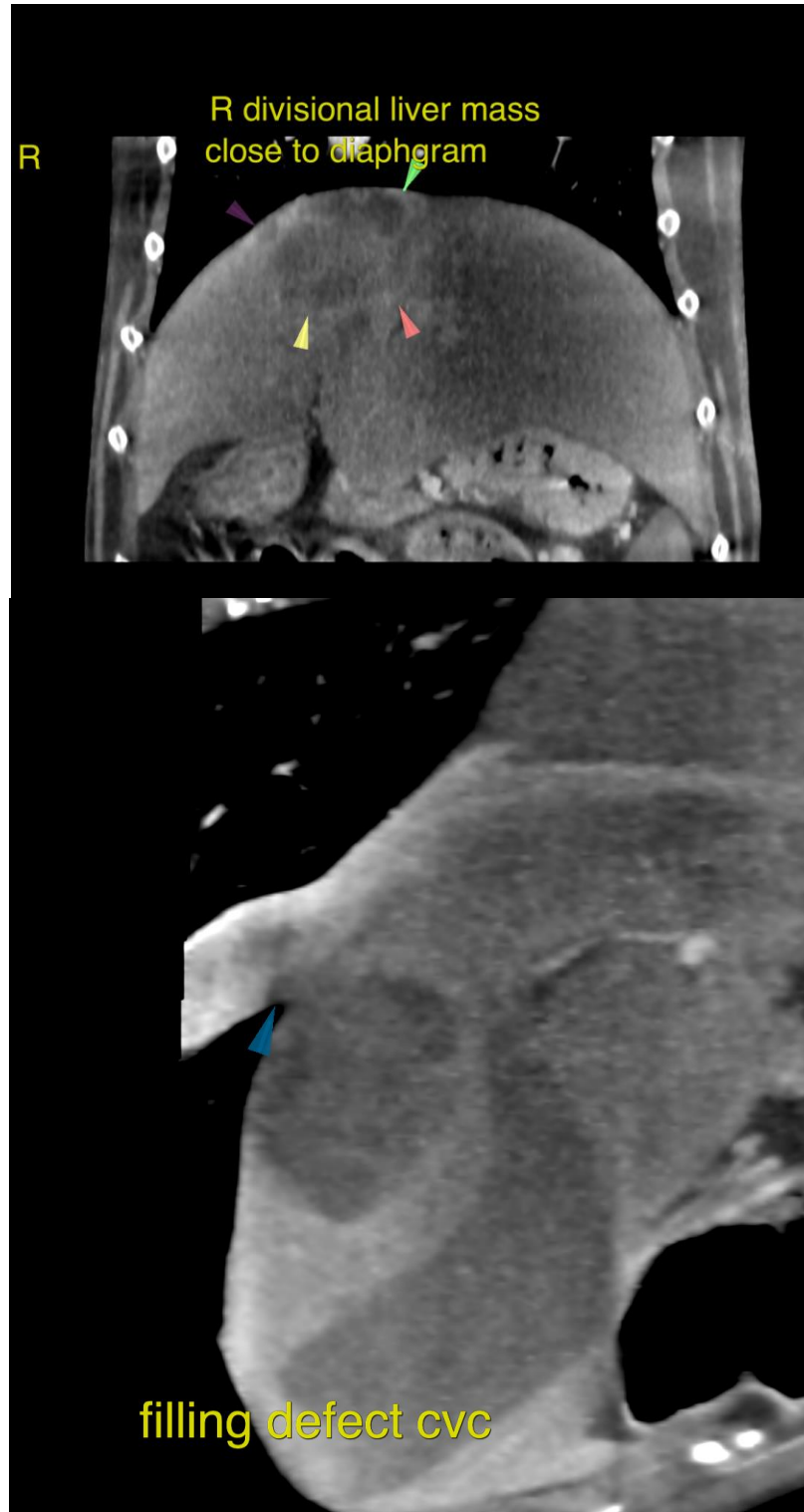
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**PATIENT**

Snowy Friedman

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.

**SPECIES**

Canine

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.

**BREED**

Poodle

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**SEX**

Spayed Female

**AGE**

11 Years

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