



PATIENT PRESENTING CLINICAL SIGNS

Assia Espinosa Mid abdominal mass(es) unable to determine organ of origin.

COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

SPECIES A high resolution pre- and post-contrast CT study of the abdomen and a post-contrast CT study of the thorax are provided for review.

Canine

COMPUTED TOMOGRAPHIC FINDINGS

BREED Thorax

Pitbull

Multifocal spondylosis formation is seen along the thoracic & lumbar spine.

SEX

Spayed Female

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

The cardiovascular structures including the pulmonary vasculature are within normal limits.

AGE

10 Years

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior with randomly distributed interspersed punctuate mineralization. The caudodorsal dependent aspects of the lung parenchyma present zones with dystelectasis.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

Abdomen

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

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Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

REFERRING VET

Meaux

The adrenal glands are within normal limits for size, shape and organ architecture.

Originating from the caudoventral margin of the left division of the liver, a uniform soft tissue attenuating and contrast enhancing ovoid shaped mass is visible, measuring 11.5 x 8.9 x 11.6 cm in size. The stomach is deviated dorsally by the mass effect.

INVOICE

55318

Centered on the caudal extremity of the spleen, a well-defined, uniform soft tissue attenuating and mild heterogeneous contrast enhancing spherical mass is appreciated, measuring 8.6 cm in diameter. The splenic mass is protruding beyond the surface of the spleen.

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

DATE

11-22-22

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.



PATIENT **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Assia Espinosa
- Hepatic mass originating from the left medial or lateral liver lobe
 - Splenic soft tissue mass
 - Spondylosis deformans
 - Pulmonary osteomas
 - No evidence of pulmonary metastatic disease

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Pitbull

The hepatic soft tissue mass is concerning for hepatic neoplasia, such as hepatocellular adenoma or carcinoma. Benign nodular hyperplasia/regeneration nodule are considerations as well. FNA sampling of the hepatic mass can be performed as advanced diagnostic tool. Complete surgical excision of the hepatic mass appears feasible.

SEX

Spayed Female

The splenic mass is equivocal for nodular hyperplasia or splenic neoplasia (e.g. metastasis, round cell tumor, hemangiosarcoma).. Independent from the dignity of the splenic mass, splenectomy is considered as therapy of choice as benign and malignant masses can rupture and cause abdominal hemorrhage.

AGE

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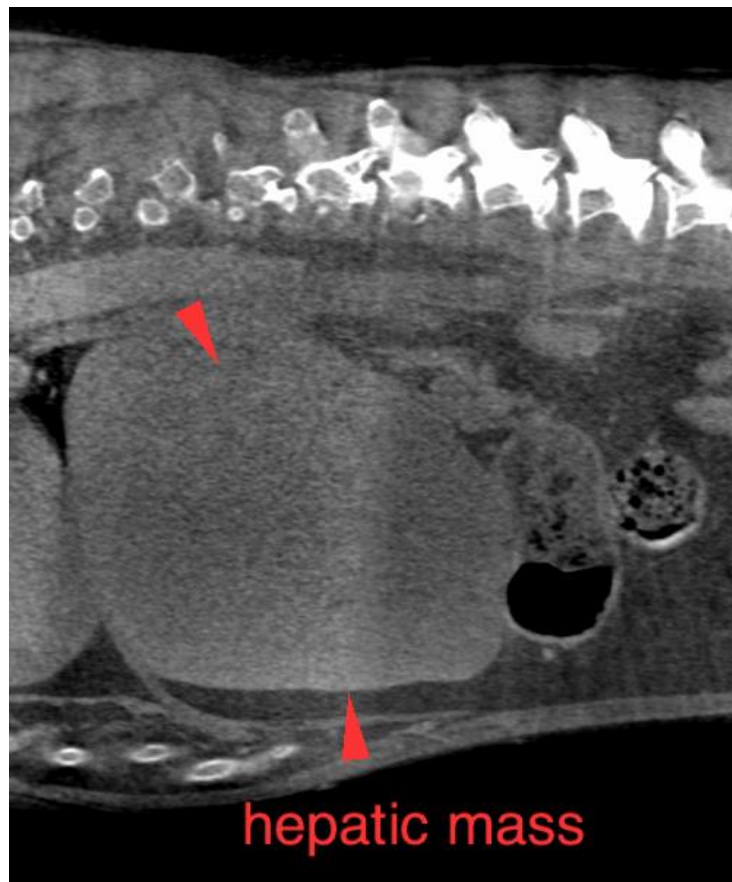
Meaux

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PATIENT

Assia Espinosa

SPECIES

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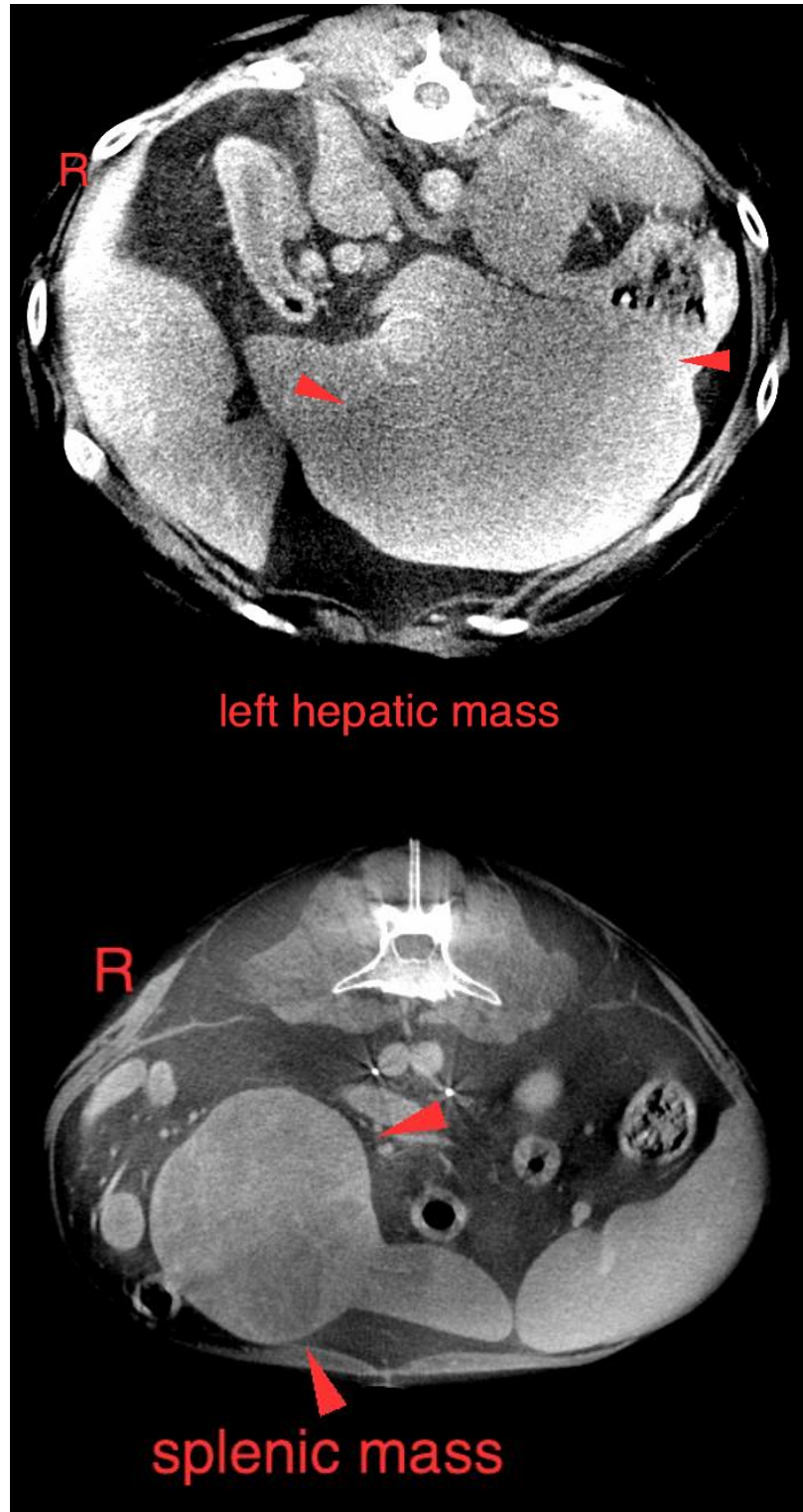
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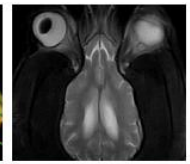
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left hepatic mass

splenic mass



PATIENT

Assia Espinosa

SPECIES

Canine

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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.

BREED

Pitbull

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SEX

Spayed Female

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