



PATIENT PRESENTING CLINICAL SIGNS

Suds Germano History: Bloating abdomen, diarrhea, possible abdominal mass
Abnormal PE/Chem/CBC/UA Results:

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN

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

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Pit Bull

Thorax:

The spinous process of T1 to T3 is incompletely fused in the midline.

SEX

Male

A moderate amount of non-contrast enhancing, gravity dependent, soft tissue material is visible in the pleural cavity. The lung lobes are retracted from the thoracic wall and present a moderately reduced volume. The lung presents multiple regions with dystelectasis

AGE

9 Years

The sternal lymph nodes are prominent and uniform contrast enhancing, the short to long axis-ratio is < 0.5.

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

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDDI

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

Abdomen:

A marked amount of non-contrast enhancing soft tissue material is visible in the peritoneal cavity, effacing the abdominal organs.

HOSPITAL NAME

Scottsdale VC

After contrast administration both kidneys present a well-defined parenchymal filling defect. The prostate is moderately to markedly enlarged and presents moderate heterogeneous contrast enhancement – further definition is limited due to local photon starvation artefacts.

REFERRING VET

Dr. D'Monte

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

Protruding from the surface of the caudal extremity of the spleen, an irregular spherical, heterogeneous contrast enhancing mass is visible, measuring 6.5 x 3.8 x 4.3 cm in size.

INVOICE

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The hepatic parenchyma is uniform contrast enhancing.

The gallbladder wall is moderately thickened, measuring 4 mm in width.

DATE

8/19/21



PATIENT The right medial iliac lymph node is prominent and heterogeneous contrast enhancing, measuring 1.6 x 1.3 x 2.3 cm in size; the short-to-long-axis ratio is increased and equals 0.5.

Suds Germano

The vertebral body of L3 presents mild coarse trabecular pattern and palisading periosteal new bone formation at the left ventral aspect with small cortical lytic lesions.

SPECIES

Canine

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Significant prostomegaly with heterogeneous contrast enhancement pattern
- Lymphadenopathy right medial iliac lymph node
- Splenic soft tissue mass
- Monostotic semikaggressive mixed osteolytic&osteoproliferative lesion L3
- Marked bicavitary effusion
- Edema gallbladder wall
- Renal cortical cysts
- Spina bifida occulta T1 to T3
- Compression atelectasis of the lung due to pleural effusion

BREED

Pit Bull

SEX

Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

9 Years

Significant enlargement of the prostate is visible which might present benign prostatic hyperplasia in an intact male dog, however prostatic neoplasia is a potential. The enlarged right medial iliac lymph node is concerning for malignant transformation, potentially increasing the odds for underlying prostatic neoplasia.

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DVM Dr. med. vet.
DipECVDI

The splenic mass can present primary or secondary splenic neoplasia – such as hemangiosarcoma. The lesion of L3 is equivocal for degenerative active osseous remodeling or osseous metastasis. The odds for paraneoplastic bicavitary effusion are high.

HOSPITAL NAME

Scottsdale VC

Recommend fluid tap including complete fluid analysis of the pleural and peritoneal effusion, FNA sampling of the prostate and right medial iliac lymph node. If not done so yet, complete blood work is mandatory as well to screen for systemic disease as source for the effusion – such as pancreatitis, hepatic disease, hypalbuminemia, renal disease. Advanced treatment options depend on the results of the advanced diagnostic tests.

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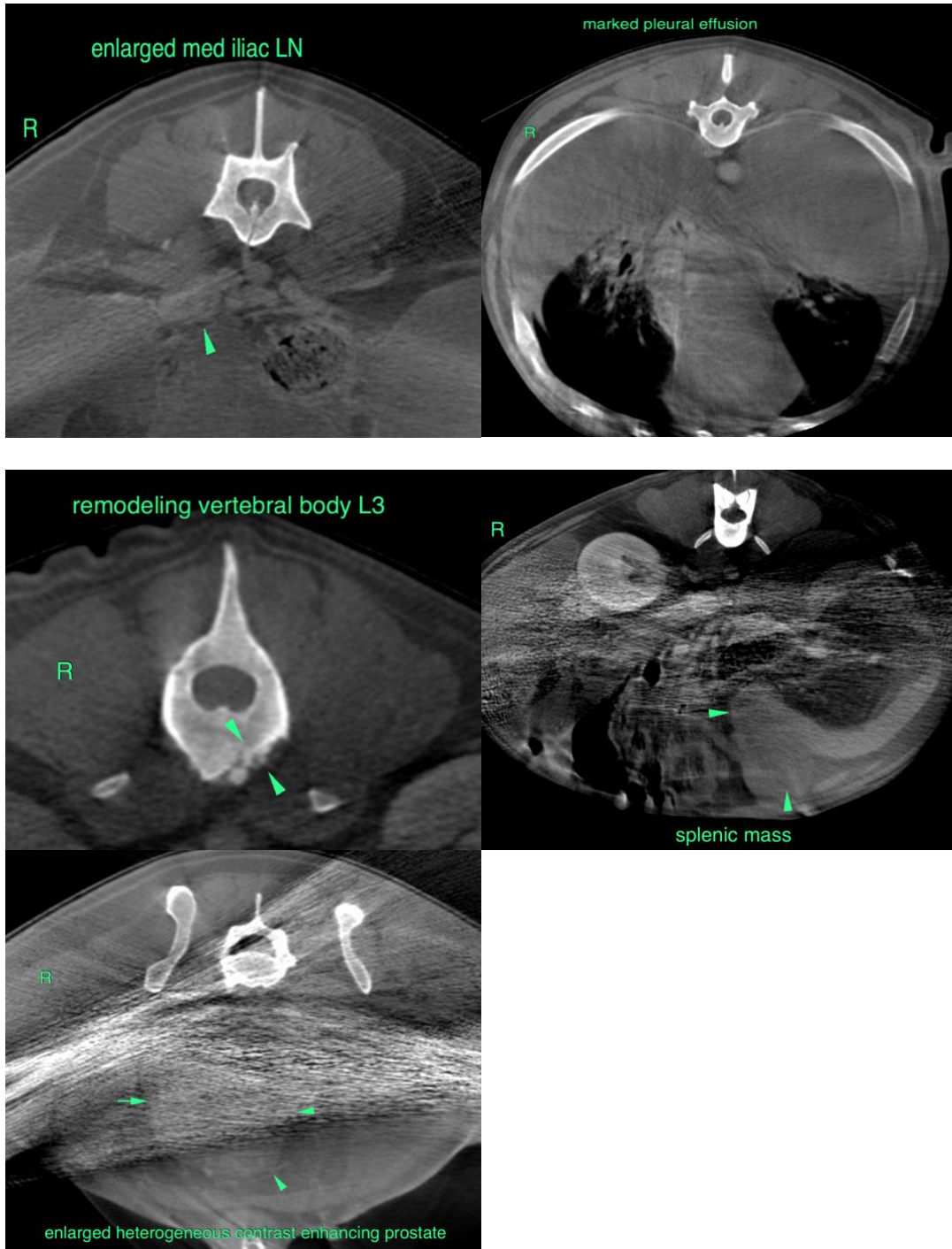
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



PATIENT

Suds Germano

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.

SPECIES

Canine

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