



PATIENT PRESENTING CLINICAL SIGNS

Miles Marson History: -Right flank mass removed in December and started regrowing in 2 months (February 2022) - open draining tract/nodule still present, tissue protruding from opening - history of basosquamous carcinoma. -Left anal sac mass noticed in March

SPECIES

Canine **COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN**

BREED A pre- and post-contrast CT study of the thorax and abdomen in a bone, lung and soft tissue reconstruction provided for review.

Brittany Spaniel **COMPUTED TOMOGRAPHIC FINDINGS**

SEX Thorax

Spayed Female Multifocal mild peripheral mineralization of the dural tube is appreciated.

AGE

13 Years In the left axillary region, a well-defined, uniform fat-attenuating mass measuring 7.0 x 2.3 x 9.3 cm in size; the fat attenuating mass is extending caudally along the lateroventral aspect of the left thoracic wall up to the level of the 5th left rib. In the subcutaneous tissue, multifocal along the thoracic wall, variable sized, well-defined lipomas, measuring up to 4 cm in size are appreciated.

INTERPRETED BY

Sebastian Schaub, DVM Dr. med. vet. DipECVDI 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.

HOSPITAL NAME

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

REFERRING VET

Dr. Debbie Reynolds **Abdomen** Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

INVOICE

15881 The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis. A separate left & right caudal vena cava of the pre-renal segment is noted. 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.

DATE

6/3/22



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

Miles Marson The liver presents with normal shape, even surface, uniformly attenuating parenchyma, but the focal parenchymal filling defect located at the left aspect of the caudal vena cava, measuring 10 mm in diameter.

SPECIES
 Canine The body of the spleen presents a segmental isthmus like narrowing. The splenic parenchyma is uniform soft tissue attenuating and presents an irregular contrast enhancement pattern in the early post contrast phase – with multiple hyperattenuating areas in the hilar region. The heterogeneous contrast enhancement pattern is fading out in the delayed phases where the spleen presents a homogeneous contrast enhancement pattern.

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

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

AGE
 13 Years The wall of the left anal sac presents with an irregular, intramural, uniform soft tissue attenuating and heterogeneous contrast enhancing mass; measuring 1.6 x 1.4 x 1.6 cm in size.

In the right gluteal region, a plaque like, irregular marginated, soft tissue attenuating and heterogeneous contrast enhancing mass like lesion, measuring 5.0 x 1.6 x 5.6 cm in size is visible. The cutaneous plaque like mass presents mild feathered margins and is walled off from the underlying musculature by fat. The cutaneous margins are ill defined.

INTERPRETED BY
 Sebastian Schaub, DVM Dr. med. vet. DipECVDI The right medial iliac lymph node is moderately enlarged, rounded and presents a mild heterogeneous contrast enhancement pattern. The sacral lymph nodes are prominent.

HOSPITAL NAME
 Animal Health Partners The right transverse process of L7 is misshapen and is articulating with the right sacroiliac joint, the left transverse process of L7 is unremarkable. The vertebral endplates L6/L7 show moderate spondylosis formation. The sacroiliac joint presents with moderate Spondylosis formation.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Plaque like Cortana soft tissue mass right gluteal region
- Lymphadenopathy right media lymph node and sacral lymph nodes
- intramural mass left anal sac
- Heterogeneous contrast enhancing parenchyma of the spleen
- Focal narrowing of the body of the spleen – suspect preceding trauma or splenic infarction
- Asymmetric lumbosacral transitional vertebra (type III)
- Multiple lipomas along the thoracic wall and a lipoma in the left axillary region
- Solitary hepatic cyst
- Double caudal vena cava, pre-renal segment
- Dural mineralization

REFERRING VET

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PATIENT

- Structural normal lung, no evidence of pulmonary metastatic disease

Miles Marson

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

The findings are consistent with the history of right sided cutaneous mass, fitting the history of carcinoma, presenting ill-defined margins. Reoccurrence of the carcinoma is considered as the top differential here. The enlarged right medial iliac lymph node is consistent with metastatic spread.

Canine

BREED

The left sided mass originating from the anal sac is compatible with neoplastic transformation of the left anal sac. Anal sac adenocarcinoma is the top differential. The enlarged sacral lymph nodes are concerning for metastatic disease either from the cutaneous carcinoma or the carcinoma originating from the left anal sac.

Brittany Spaniel

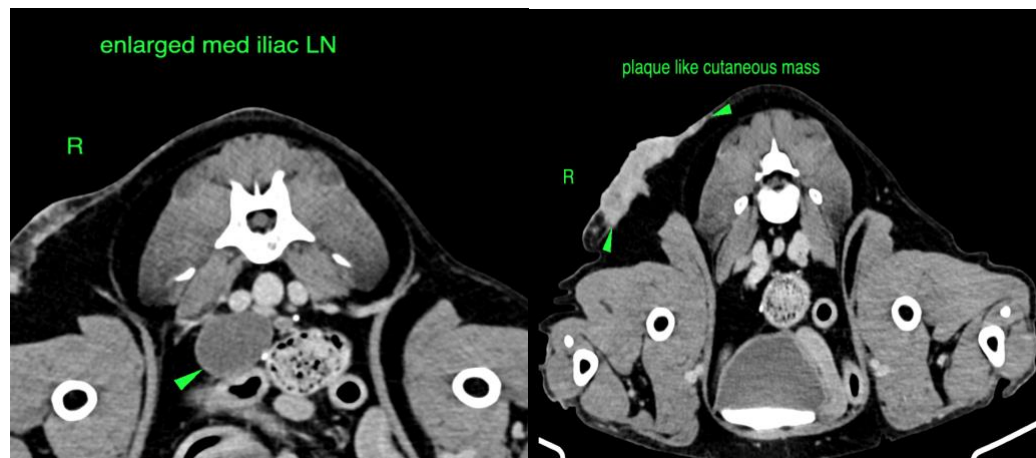
the splenic changes are most consistent with benign nodule or hyperplasia, the odds for neoplastic transformation are considered low.

SEX

Spayed Female

AGE

13 Years



INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

HOSPITAL NAME

Animal Health
Partners

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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.

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PATIENT

Miles Marson

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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BREED

Brittany Spaniel

SEX

Spayed Female

AGE

13 Years

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