



PATIENT PRESENTING CLINICAL SIGNS

Baxter Dargavell Baxter presented for a CT scan of the skull and abdomen. Images obtained in helical mode in both soft tissue and bone algorithm. Baxter has a 3-4 month duration of reverse sneezing, that has become more frequent and severe (longer episodes). Baxter has had a poor appetite for 2-3 days. Labwork unremarkable aside from mild microcytic hypochromic anemia and an Alkp of 356. Baxter is on trilostane long term for PDH, (10mg BID). Has been placed on Cerenia, pet-tinic and entyce since poor appetite began.

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE SKULL AND ABDOMEN

BREED

Shihtzu Mix

A pre- and post-contrast CT study of the skull and in a bone and soft tissue reconstruction are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

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Skull

Multiple teeth are absent.

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

AGE

11.5

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

INTERPRETED BY

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

HOSPITAL NAME

Mobile Veterinary CT

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

Abdomen

REFERRING VET

Heather Bealey

In the peritoneal cavity, fluid attenuating and gravity dependent material is seen and the peritoneal fat presents mild fat-stranding.

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.

INVOICE

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

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

DATE

5-1-23

The hepatic lymph nodes are significantly enlarged, rounded and post contrast hypoattenuating. In the region of the lineal lymph nodes, a multinodular mass like lesion, measuring 3.0 x 3.9 x 5.9 cm, presenting a heterogeneous hypoattenuating contrast enhancement pattern is seen - merging with the splenic lobe of the pancreas ventrally. The duodenal lobe of the pancreas has smooth margins and a uniformly attenuating and contrast enhancing parenchyma.



PATIENT The right renal lymph nodes are enlarged and rounded.

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

SPECIES The periarticular bones of both coxofemoral joints present moderate osteophyte new bone formation. The acetabular groove is bilaterally shallow and the center of the femoral heads is lateral to the dorsal acetabular rim.

Canine

COMPUTED TOMOGRAPHIC DIAGNOSIS

BREED

Shihtzu Mix

- Lymphadenopathy hepatic and right renal lymph nodes, sternal & cranial mediastinal lymph nodes
- Multinodular mass-like lesion region of lienal lymph nodes – merging with the pancreas
- Peritoneal effusion
- Degenerative osteoarthritis coxofemoral joints bilaterally
- Multiple absent teeth

SEX

MN

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The multinodular mass in the region of the lienal lymph nodes is suggestive for lymphadenopathy of the respective lymph nodes and in combination with the lymphadenopathy of multiple The lymphadenopathy of multiple abdominal & thoracic lymph nodes the odds for underlying round cell tumor are high. As the multinodular mass is merging with the left lobe of the pancreas, primary pancreatic neoplasm is a consideration as well (e.g. adenocarcinoma) with metastatic spread to the regional lymph nodes. The peritoneal effusion is considered paraneoplastic. Recommend FNA sampling of the enlarged abdominal lymph nodes and the multinodular mass for further definition.

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The skull presents without clinically relevant abnormalities; no pathologies of the upper airways are appreciated.

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Baxter Dargavell

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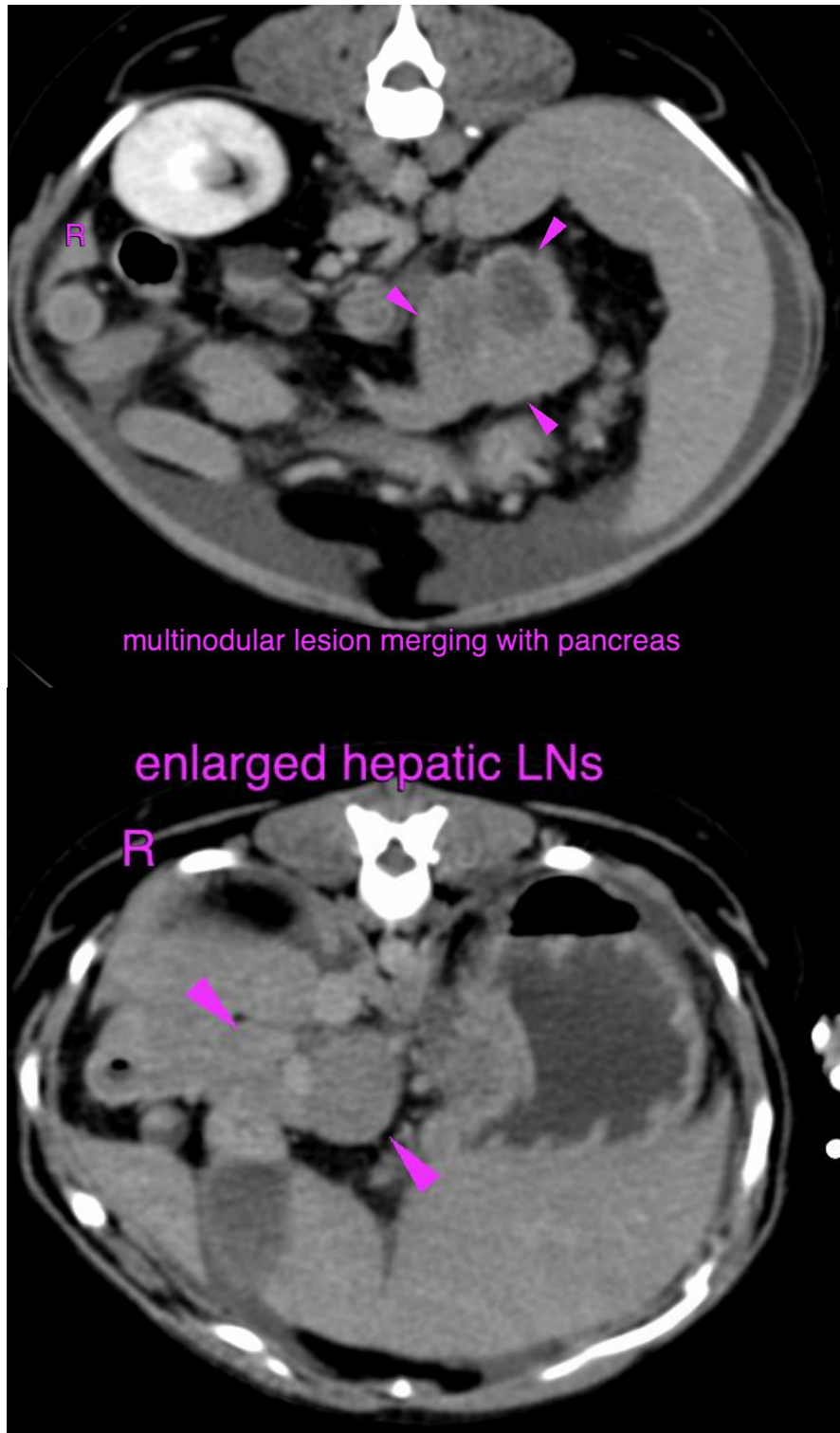
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multinodular lesion merging with pancreas

enlarged hepatic LNs



PATIENT

Baxter Dargavell

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Shihtzu Mix

SEX

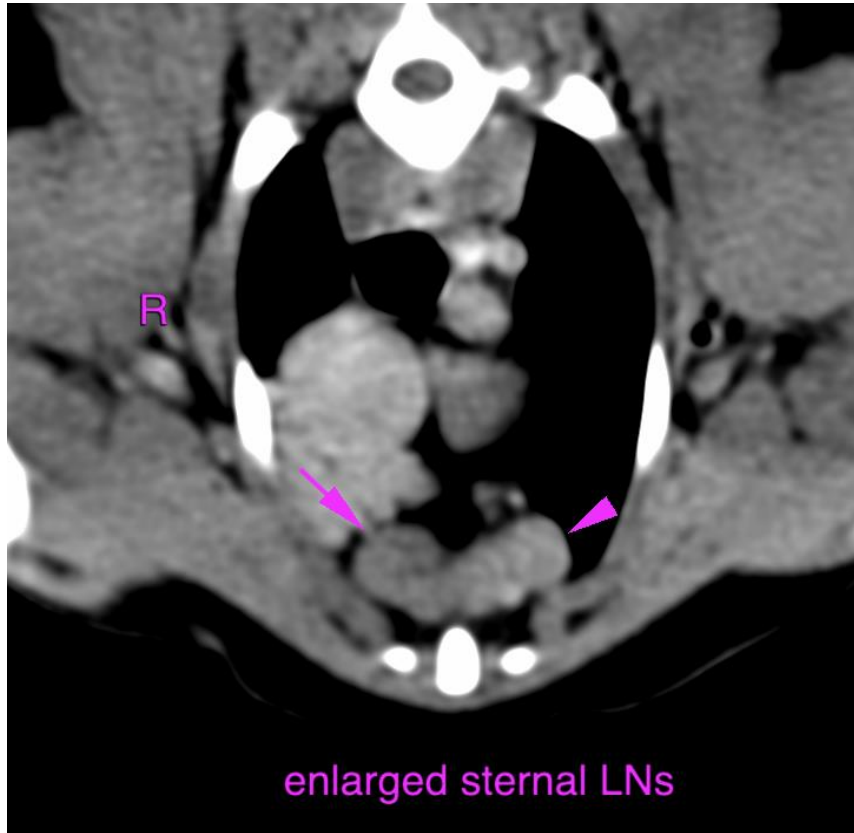
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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