



PATIENT PRESENTING CLINICAL SIGNS

Sasha Brown ADR for a few days. Ultrasound shows large abdominal mass rule out spleen vs other
Abnormal PE/Chem/CBC/UA Results: Skin mass on top of skull. CBC/Chem WNL

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL, THORAX AND ABDOMEN

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

BREED COMPUTED TOMOGRAPHIC FINDINGS

Shih Tzu Mix Skull

Multiple teeth are absent. The remaining teeth present with variable degree of resorptive lesions of the crown and tooth roots and ankylosis of the roots.

SEX

Female Spayed At the rostradorsal aspect of the skull, a subcutaneous soft tissue nodule, measuring 12 x 8 x 12 mm in size is visible.

AGE

13 Years The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.
Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The tympanic bullae are filled with uniform soft tissue attenuating material.; the osseous lining is smooth and presents with the expected width. The external ear canals are within normal limits.

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.

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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.

REFERRING VET

Meaux

Thorax

The intervertebral disc space C6/C7 is collapsed and the respective vertebral endplates present moderate spondylosis formation.

INVOICE

51526

The periarticular bones of both shoulder joints present moderate osteophyte new bone formation and exostosis formation in the bicipital groove of the humerus.

DATE

4-13-22

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.



PATIENT Sasha Brown The lung parenchyma presents the expected architecture and attenuation behavior with interspersed – peripherally accentuated – punctuate mineralization of the lung parenchyma. Dystelectasis of the ventral aspects of the lung parenchyma is seen.

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

Canine Abdomen

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

Shih Tzu Mix 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.

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

Female Spayed Originating from the cranial extremity of the spleen, an irregular ovoid shaped, soft tissue attenuating and heterogeneous contrast enhancing mass is visible, measuring 9.3 x 7.1 x 8.9 cm in size. The mass causes medial and ventral displacement of the cranial extremity of the spleen.

AGE 13 Years Cranially in the right medial lung lobe, a post contrast roundish, well-defined parenchymal filling defect measuring 7 mm in diameter is seen. The remainder of the lung parenchyma are uniform soft tissue attenuating and contrast enhancing.

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

Sebastian Schaub, DVM Dr. med. vet. DipECVDI The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

HOSPITAL NAME Mobile Pet Imaging Both coxofemoral joints mild osteophyte new bone formation.

The left stifle joint presents with moderate osteophyte new bone formation. The left femoral trochlear groove is shallow, and the patella is located cranial to the medial femoral condyle.

REFERRING VET **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Meaux
- Solitary large splenic soft tissue mass
 - Non-specific subcutaneous nodule rostradorsal aspect of skull
 - Bilateral otitis media – suspect primary secretory

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- Generalized advanced periodontal disease with dental resorptive lesions and ankylosis of the roots
 - Hepatic cyst
 - Degenerative osteoarthritis shoulder joints bilaterally and exostosis formation bicipital groove bilaterally

- DATE** 4-13-22
- Degenerative osteoarthritis left stifle joint & left sided medial patellar luxation
 - Pulmonary osteomas & mineralizing subpleural plaques
 - No evidence of pulmonary metastatic disease



PATIENT INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Sasha Brown

The splenic mass is fitting the history of potentials include benign nodular hyperplasia, hematoma or primary splenic neoplasia (e.g. sarcoma, round cell tumor). Splenectomy is the therapy of choice as both benign and malignant masses can rupture and cause abdominal hemorrhage.

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Female Spayed

AGE

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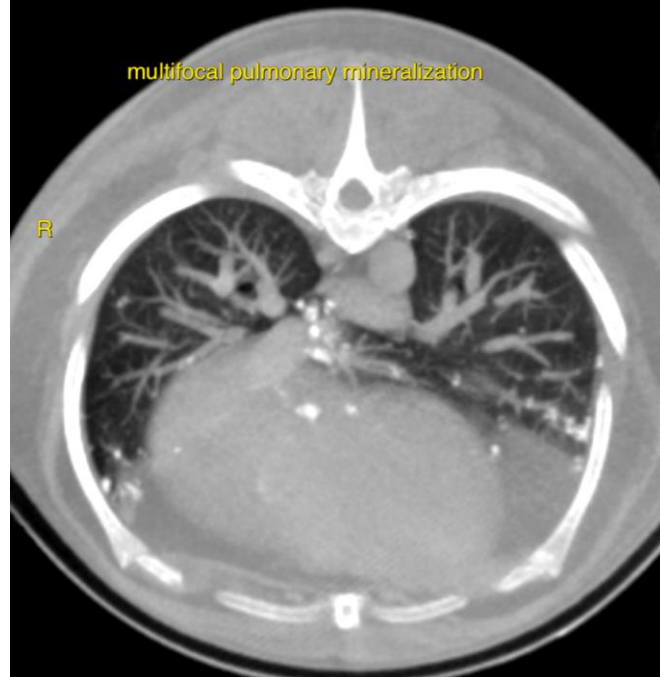
Meaux

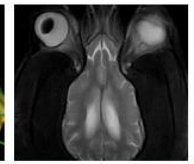
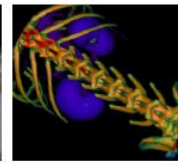
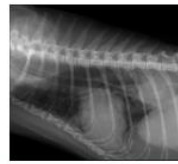
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SEX

Female Spayed

AGE

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PATIENT

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SPECIES

Canine

BREED

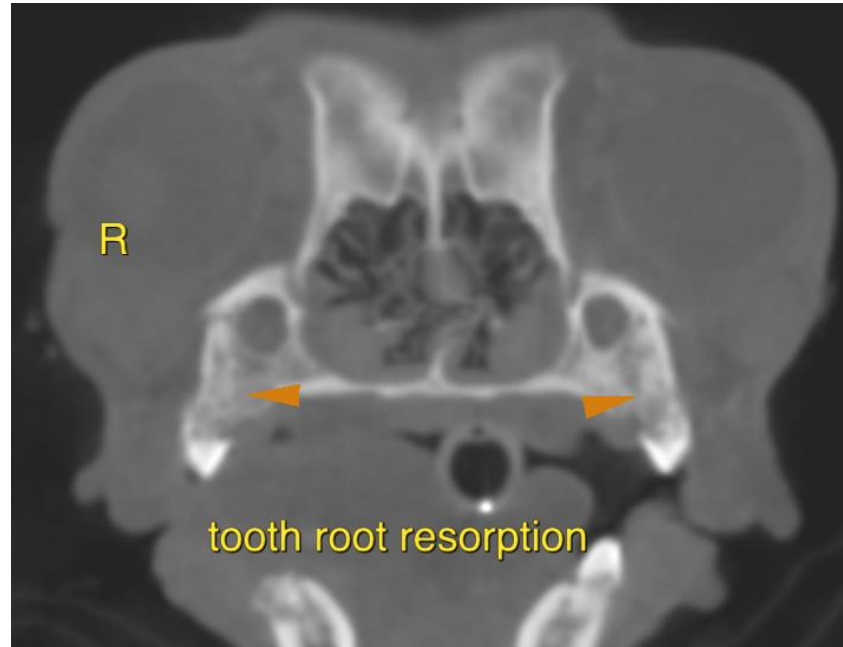
Shih Tzu Mix

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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.

HOSPITAL NAME

Mobile Pet Imaging

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