



PATIENT PRESENTING CLINICAL SIGNS

Bailey Klotz Sudden onset of left side head tilt , vertical Nystagmus, vomiting , not eating , diagnosed with previous DVM with hypothyroidism , on 0.1 mg Thyro-tab , cardiomegaly , had IMH but recovered as per owner.

SPECIES Abnormal PE/Chem/CBC/UA Results: Periodontal disease grade4/4, heart murmurs grade 4/6 , left side head tilt , vertical nystagmus toward the right , bilateral perforated ear drums , not able to stand fallen down without support, blood work reveled dehydration , elevated ALP 2X ,

Canine

RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN

BREED A complete set of radiographs of the thorax and abdomen is provided for review.

Chihuahua **RADIOGRAPHIC FINDINGS**

Thorax

SEX Dorsal to the thoracic and lumbar spine, moderate linear mineralization of the subcutaneous tissue is appreciated.

Female Spayed The extrathoracic soft tissues present homogeneous without abnormalities.

AGE The caudal contour of the cardiac silhouette is steep, and the caudal cardiac waist is lost. A wedge shaped soft tissue opacity is seen in the region of the left atrium of the heart. The pulmonary vasculature is within normal limits.

12

INTERPRETED BY The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

Sebastian Schaub, DVM Dr. med. vet. DipECVDI The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

Granular mineralized opacities are superimposed on the cranial lung field.

HOSPITAL NAME The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

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Abdomen

Multifocal mild spondylosis formation is seen along the lumbar spine.

REFERRING VET Multifocal striated mineralization along the epaxial and hypaxial musculature of the lumbar spine is appreciated. Irregular mineralization is seen at the proximal caudoproximal aspect of the thigh musculature

Dr. Sam Masoud

INVOICE The serosal detail is maintained throughout the peritoneal and retroperitoneal space.

52594 The hepatic volume is moderately increased the liver is protruding beyond the costal arch; the gastric axis is deviated caudally. The caudoventral hepatic margins are rounded.

DATE The splenic head is in the anticipated position and within normal limits for size and opacity. The splenic body and tail are considered normal for position, size, shape and opacity.

6-27-22 In the imaging plane of the renal pelvis bilaterally, a moderate amount of mineralized material is appreciated. Mineralized material is seen



PATIENT

The stomach is in its anticipated position and presents normal content.

Bailey Klotz

The small intestinal loops are of even diameter and non-dilated, a small amount of gas is seen within the small intestinal loops and considered within normal limits.

SPECIES

The colon is seen in the expected position and presents with appropriate content.

Canine

BREED

Chihuahua

RADIOGRAPHIC DIAGNOSIS

- Calcinosis cutis
- Multifocal (metastatic) mineralization along the fascial planes/musculature
- Nephrolithiasis
- Granular mineralization superimposed on cranial lung field
- Hepatomegaly
- Left sided cardiomegaly without signs of decompensation

SEX

Female Spayed

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

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The multifocal soft tissue mineralization, nephrolithiasis and potential mineralization of the lung parenchyma are highly suggestive for disturbed calcium and phosphorus homeostasis and potential underlying causes include renal disease, hyperparathyroidism, hyperadrenocorticism, paraneoplastic. Recommend testing of the pituitary adrenal axis as well as ionized calcium levels, renal function. A rectal exam is recommended to rule out anal sac carcinoma. An abdominal ultrasound can be used to screen for adrenal mass.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Potentials for the hepatomegaly include metabolic hepatic disease/steroid induced hepatopathy, hepatitis or neoplastic infiltration. Ultrasound including FNA sampling can be used as minimally advanced diagnostic tests.

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The left heart enlargement is likely a sequela to underlying myxomatous mitral valve degeneration and subsequent mitral valve insufficiency. The enlarged left atrium indicates volume overload. A cardia echo can be used for further assessment of cardiac chamber size and function.

The described clinical signs can be a sequela to geriatric vestibular syndrome or ischemic encephalopathy.

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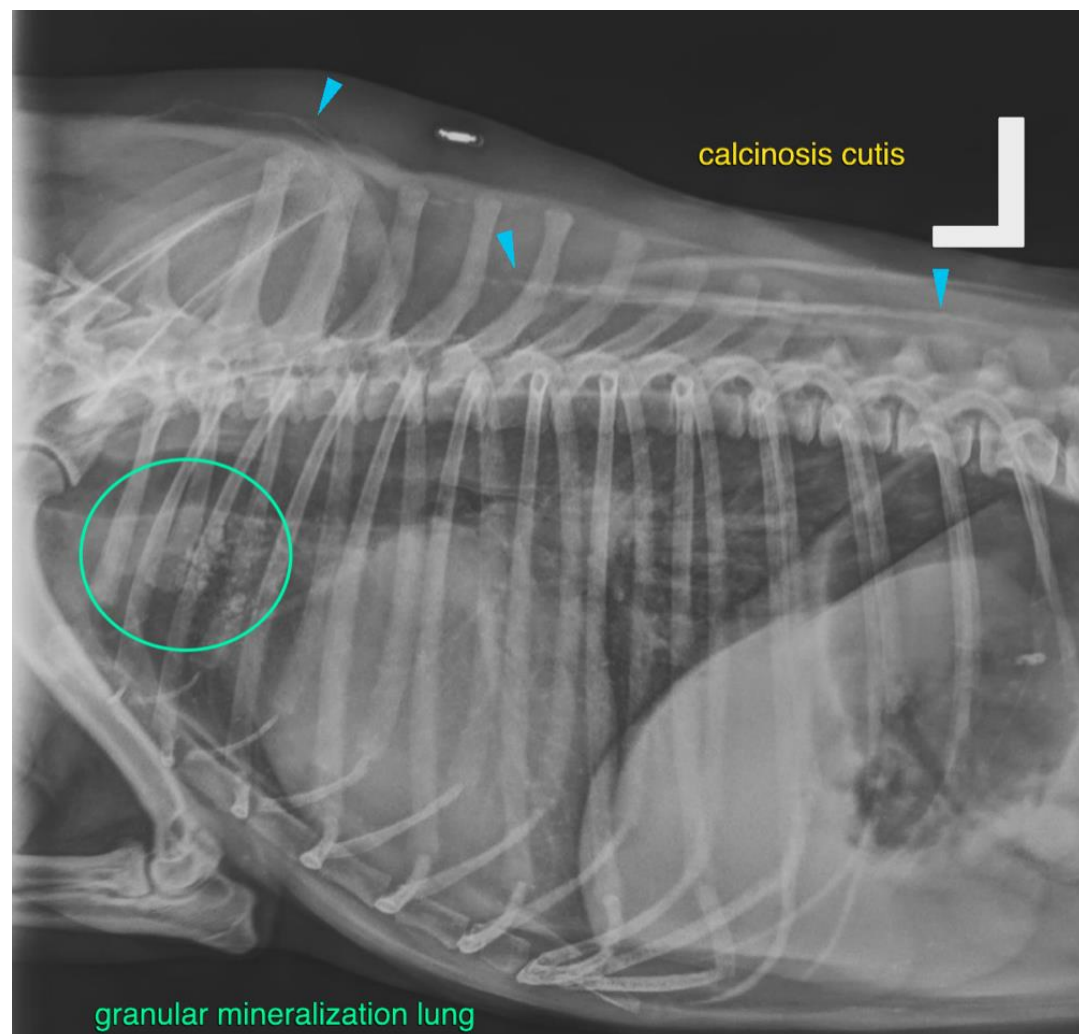
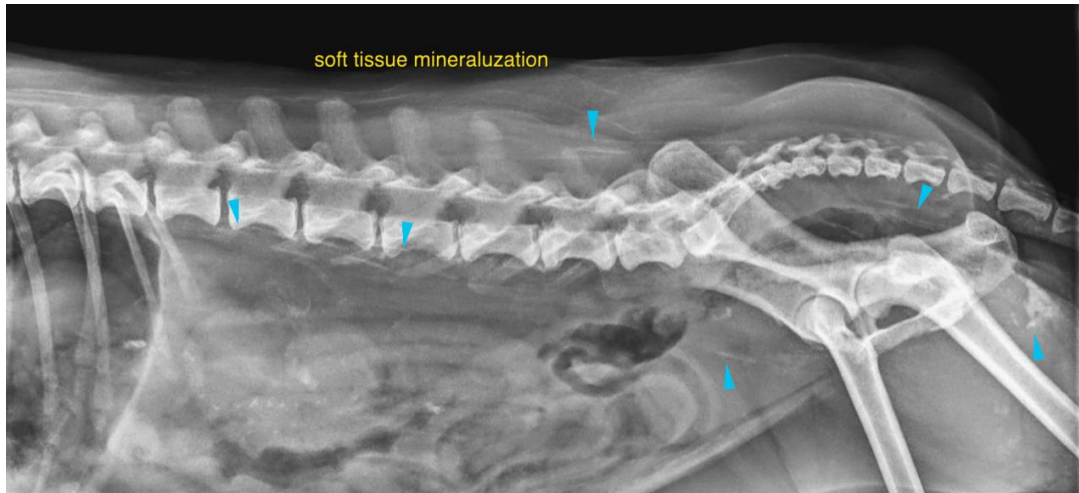
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

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