



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Kalisi Pavlova **PRESENTING CLINICAL SIGNS** History: Severe lethargy, cachexia, skin lesions all over the body for the last two months and getting worse. Unable to stand. Reduced appetite

SPECIES Abnormal PE/Chem/CBC/UA Results: laterally recumbent, skin lesions all over the body. Increased WBC, Neutrophils, Eosinophils. Decreased Creatinine, Lipase, Amylase Severe decrease in thyroid hormone. U/A N/A
Canine

RADIOGRAPHIC STUDY OF THE ABDOMEN

BREED

BREED Boston Terrier
 Radiographs of the abdomen in three imaging planes are provided for review.

RADIOGRAPHIC FINDINGS

SEX There is a generalized decreased density of the osseous structures with a coarse trabecular pattern. All osseous structures present with mild irregular but solid periosteal new bone formation.
Spayed Female
 Generalized advanced muscle wasting is appreciated.

AGE No abnormalities of the extraabdominal soft tissues are noted. The abdominal wall is smooth and thin.
7 Years The serosal detail is maintained throughout the peritoneal and retroperitoneal space.

INTERPRETED BY The liver is appropriate in position and size. Superimposed on the ventral aspect of the liver, granular mineralized material is seen, arranged in a well-defined convex shaped manner ventrally.

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

HOSPITAL NAME Both kidneys are seen and present with normal size, shape, delineation and opacity. The urinary bladder is in its anticipated position. No radiopaque calculi are noted throughout the upper and lower urinary tract.
Truscott AH

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

REFERRING VET 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.
Dr. Erini Abraham

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

INVOICE

14907

RADIOGRAPHIC DIAGNOSIS

- Generalized moderate osteopenia with solid periosteal new bone formation
- Generalized muscle wasting

DATE

4/27/22



PATIENT

- Suspect cholecystolithiasis

Kalisi Pavlova

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

BREED

Boston Terrier

The main finding is the generalized demineralization of the osseous structures with solid periosteal new bone formation – concerning for metabolic bone disease such as secondary hyperparathyroidism (e.g., renal disease as creatinine can be falsely low due to lack of muscle volume – consider using SDMA for assessing renal function), primary hyperparathyroidism (e.g., parathyroid adenoma/carcinoma), paraneoplastic (e.g. round cell tumor, anal sac adenocarcinoma), (hyperadrenocorticism). Other potentials for the generalized periosteal new bone formation are thyroid acropachy (due to autoimmune thyroid disease – might explain the hypothyroidism), generalized periostitis (e.g. Hepatozoon), hypertrophic osteopathy, osteopetrosis, Vitamin A toxicity, diffuse skeletal idiopathic hyperostosis.

SEX

Spayed Female

Complementing workup by an abdominal ultrasound examination is considered beneficial as well as checking for any parathyroid nodule. Consider complementing blood work by SDMA, complete urinalysis and testing for potential endemic infectious disease – including Hepatozoon.

AGE

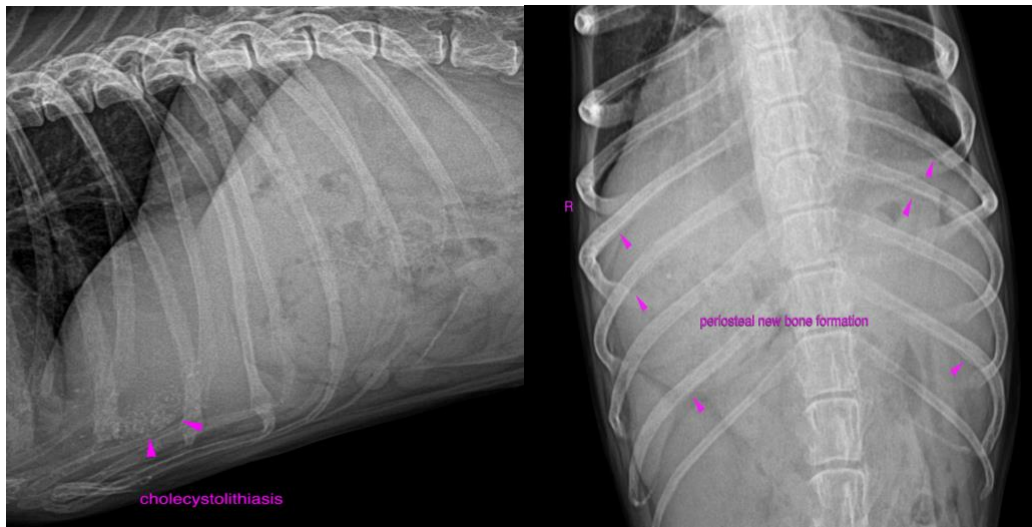
7 Years

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SEX

Spayed Female



AGE

7 Years

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.

INTERPRETED BY

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