



PATIENT PRESENTING CLINICAL SIGNS

Munni Ahmed Munni, an 11 year, 7 month female spayed Golden Retriever presented to AHP Surgery Service for surgical correction of her left coxofemoral luxation and subsequent lameness. Radiographs taken on November 5th, 2022 show left coxofemoral luxation and bilateral hips dysplasia.

SPECIES Canine Gabapentin therapy has not made a significant difference for pain control. Upon morning of Surgery, heart murmur noted, weakness in forelimbs and hind limbs noted, muscle wasting present and pain not noted on orthopedic exam. Munni is currently eating Hills j/d, and is allergic to chicken.

BREED Golden Retriever Abnormal PE/Chem/CBC/UA Results: Recent bloodwork was performed in July 2022. Her B12 and folate levels and CBC were normal. Abnormalities in chemistry values are listed below: Mild elevated SDMA (15), Azotemia (creat 171, BUN 37.8) - IRIS stage II CKD Mild elevated ALP (520) Elevated amylase (2249) Elevated spec CPL (849) Munni has a history of hypothyroidism, cherry eye, chronic kidney disease, proteinuria, dermatitis and urinary tract infections. Neuro: Ambulatory with help, knuckling pelvic limbs. Decreased-absent patella reflex left pelvic limb, decreased-absent withdrawal left pelvic limb

SEX

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COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Plain study of the thorax and abdomen in lung, soft tissue, and bone windows available for review.

AGE

11 Years

COMPUTED TOMOGRAPHIC FINDINGS

Abdomen

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The patient is obese.

Proximal luxation of the left femoral head is seen with signs of canine hip dysplasia and osteoarthritis.

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The muscle volume of the left hind limb is lower than the muscle volume of the right hind limb however the axial and appendicular muscle volume is low in general in this patient.

Volume contraction and isoattenuating nodules as well as myelolipomas are seen within the spleen.

REFERRING VET

Dr. Jeffery Biskup

Both kidneys present cortical infarcts which is accentuated in the left kidney which is significantly smaller in overall size and more asymmetric in shape when compared with the right kidney.

The adrenal glands present within normal limits.

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Mineral attenuating foreign material is seen in the gastric pylorus.

The liver appears within normal limits regarding its size however the liver margins are multinodular.

DATE

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The gallbladder appears to be moderately distended.

Mild multinodular enlargement of the pancreas appears to be present.

Mild intervertebral disc protrusions are seen in the caudal lumbar spine between L6 and L7 as



PATIENT well as between L7 and S1.

Munni Ahmed

Thorax

The lung and bronchial tree present within age related normal limits.

SPECIES

The thyroid glands present within normal limits.

Canine

No overt evidence of cardiovascular pathology is noted.

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The mediastinal lymph nodes present within normal limits.

Golden Retriever

COMPUTED TOMOGRAPHIC DIAGNOSIS

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- Multinodular hepatopathy
- Multinodular splenopathy
- Bilateral cortical renal infarcts with reduced size of the left kidney.
- Left sided coxofemoral joint and dysplasia with luxation and osteoarthritis.
- Generalized muscle wasting.
- Disuse atrophy of the left hind limb musculature.
- Mild L6/7 and L7/S1 disc protrusions
- Gastric foreign material.
- Normal age related thorax.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals mild intervertebral disc protrusions in the lumbosacral junction and between L6 and L7.

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There also is evidence of multinodular hepatopathy with the differential diagnoses of benign nodular hyperplasia, regenerative nodules with or without fibrosis, and multifocal neoplasia. Sampling is recommended for further definition.

There also appear to be isoattenuating nodules of the spleen which are likely to represent extramedullary hematopoiesis or benign nodular hyperplasia. Neoplasia cannot be ruled out entirely. Fine needle aspiration could be considered for further definition.

REFERRING VET

Dr. Jeffery Biskup

No significant bronchopulmonary changes are noted.

The renal changes are within the expected limits in chronic renal disease.

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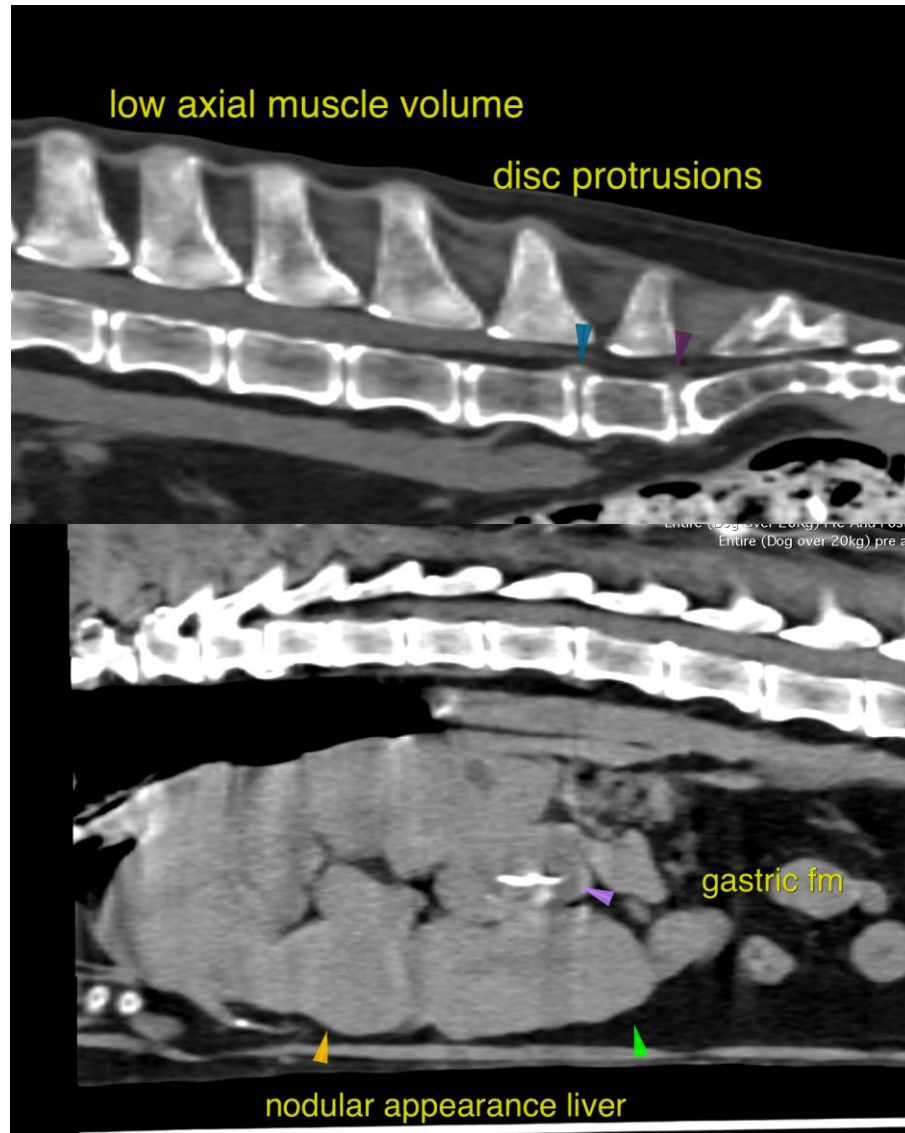
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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