



PATIENT

Milo Sontag

SPECIES

Canine

BREED

Chocolate Lab

SEX

MN

AGE

9

WEIGHT

40

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

IMAGING PERFORMED BY

David

HOSPITAL NAME

Animal Surgical Center
- Oceanside

REFERRING VET

Khan

INVOICE

72691

DATE

11-20-25

PRESENTING CLINICAL SIGNS

Limping L Hind leg

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & PELVIS

A pre- and post-contrast CT study of whole-body are provided for review, totaling 2 series. One pre-contrast series of the whole-body, bone algorithm. One post-contrast series of the whole-body, bone algorithm

COMPUTED TOMOGRAPHIC FINDINGS

Pelvis

The left coxofemoral joint is subluxated and exhibits multiple subchondral cystic lesions admixed with osteolytic changes involving the femoral head and acetabulum. The articular surfaces are irregular, with moderate periarticular ossifications and several osteochondromas. There is concurrent mild volume reduction of the left gluteal and hindlimb musculature.

The right coxofemoral joint is within normal limits.

The remaining pelvic bones and sacroiliac joints appear unremarkable.

No enlargement of the iliac medial or sacral lymph nodes is identified.

THORAX

The trachea and main bronchi are within normal limits.

There are multiple, scattered, mineral hyperattenuating foci in the subpleural pulmonary parenchyma. The remaining lung parenchyma demonstrates normal attenuation, with no evidence of pulmonary micronodules, nodules, or masses.

The bronchial tree shows normal branching and uniform peripheral tapering. The bronchial walls are thin and smooth, and the bronchus-to-artery ratio is within normal limits.

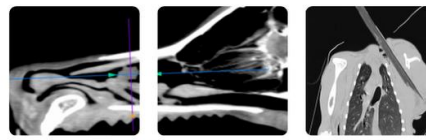
The heart and pulmonary vasculature are normal.

The sternal, cranial mediastinal, and tracheobronchial lymph nodes are unremarkable.

The pleural space, diaphragm, ribs, and thoracic wall are within normal limits.

The thoracic esophagus is unremarkable.

Multifocal costochondral cartilage degenerative changes and incomplete bridging vertebral endplate spondylosis deformans are present in the thoracic region.



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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Left coxofemoral subluxation associated subchondral cystic and osteolytic lesions, irregular articular surfaces, moderate periarticular ossifications and osteochondromas. Differential diagnosis includes unilateral hip dysplasia with severe degenerative changes, unilateral hip dysplasia with severe degenerative and concurrent septic arthritis, or primary bone malignancy, e.g., osteogenic sarcoma).
- Left gluteal and hindlimb mild muscle atrophy, secondary to disuse.
- Multiple subpleural mineral foci in the pulmonary parenchyma, likely incidental osteomas.
- No evidence of pulmonary or mediastinal metastatic disease.
- Costochondral cartilage degeneration and multifocal thoracic spondylosis deformans.

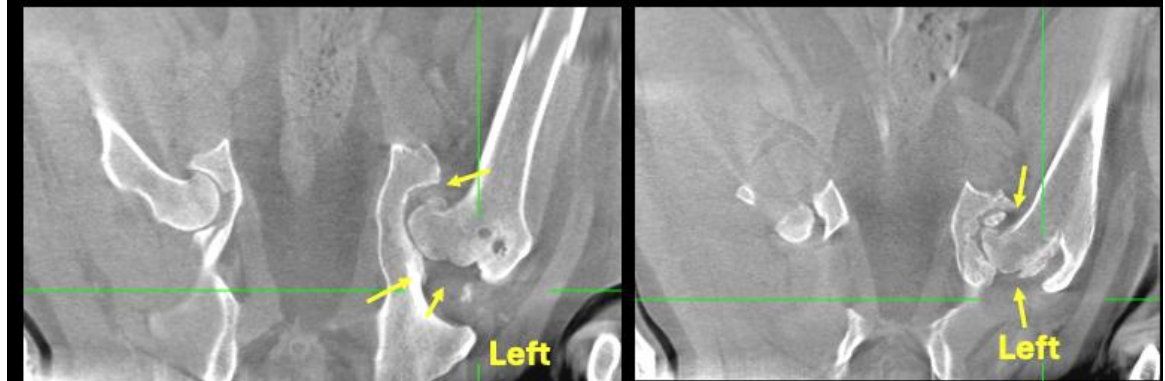
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings demonstrate left coxofemoral subluxation associated with subchondral cystic and osteolytic lesions, irregular articular surfaces, moderate periarticular ossification, and osteochondromas. Differential diagnosis includes unilateral hip dysplasia with severe degenerative joint disease, unilateral hip dysplasia with severe degenerative changes and concurrent septic arthritis, or a primary bone malignancy (e.g., osteogenic sarcoma).

Arthrocentesis for cytology, culture, and antimicrobial sensitivity testing is recommended due to the suspicion of septic arthritis and/or neoplasia. Although bacterial infectious arthritis of the coxofemoral joint is uncommon, the presence of osteolytic changes warrants inclusion of this condition in the differential diagnosis.

Reference: Benzioni H, Shahar R, Yudelevitch S, Milgram J. Bacterial infective arthritis of the coxofemoral joint in dogs with hip dysplasia. Vet Comp Orthop Traumatol. 2008;21(3):262-6. PMID: 18536854.

Left coxofemoral subluxation associated subchondral cystic and osteolytic lesions, irregular articular surfaces, moderate periarticular ossifications and osteochondromas





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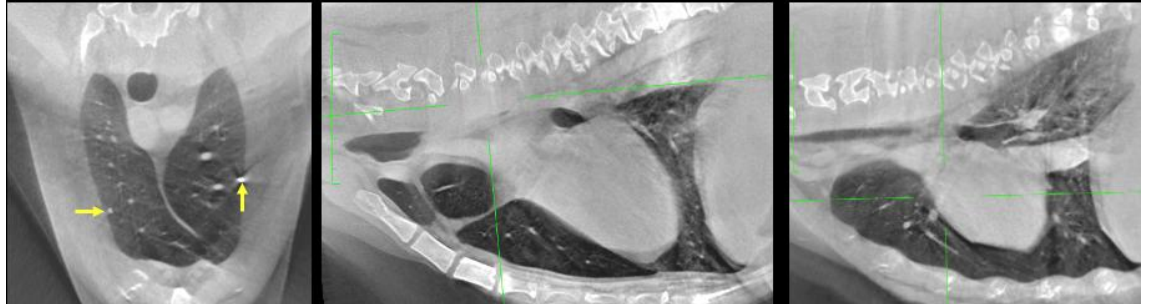
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Multiple incidental osteomas, otherwise normal thorax.



The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet
info@sonopath.com