



PATIENT

Lola Matos

SPECIES

Canine

BREED

Golden Retriever

SEX

F

AGE

2Y

WEIGHT

69.2lbs

INTERPRETED BY

Dr. Mauro Caldas MV,
CBRV

IMAGING PERFORMED BY

José L. Alvarado Bruno,
CVT - CT Scan
Technician

HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

José L. Sosa, DVM

INVOICE

74992

DATE

5-13-26

PRESENTING CLINICAL SIGNS

Patient was referred for CT full body for surgical planning. Hx of tarsal osteosarcoma. Abnormal PE/Chem/CBC/UA Results: CBC --- unremarkable CHEM --- unremarkable

COMPUTED TOMOGRAPHIC STUDY OF THE FULL BODY

Survey and post contrast CT images provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Head

The brain and pituitary gland are unremarkable with no evidence of intracranial nodules, mass, or abnormal contrast enhancement.

Conchae and turbinates present with a normal air pattern. No turbinate lysis or nasal septum deviation seen.

Dentition appears normal.

Temporomandibular joints aligned and appear normal.

The mandibular and medial retropharyngeal lymph nodes present with normal size and shape.

The salivary glands present within normal limits.

Neck

Thyroid glands are symmetrical, normal shape and size (4.5 mm wide).

Hyoid apparatus appears normal.

The cervical spine is aligned. No vertebral lysis seen. No medullary compression seen.

Cervical muscles are symmetrical.

Thorax

The cardiovascular structures including the pulmonary vasculature are within normal limits.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior.

No mass or enlarged lymph nodes are noted in the mediastinum.

No obvious effusion is seen in the pleural space.

Thoracic wall with symmetrical muscles and bone structure without lysis.

The thoracic spine is aligned. No vertebral lysis seen and no medullary compression seen.

Abdomen



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The liver is normal in size. No mass or nodules seen. The gallbladder is full. No stones seen.

The stomach and small Intestines appear normal. Feces with normal density and volume is seen in the colon and rectum.

The spleen is mildly enlarged. No mass or nodules seen.

The adrenal glands appear normal.

Both kidneys present with normal size and shape. Normal contrast excretion is noted on both sides.

There is no evidence of peritoneal effusion or peritonitis.
The medial iliac lymph nodes are symmetrical, with normal size and shape.

The urinary bladder presents with thin walls and no stones seen.

The lumbar and sacral spine are aligned. No vertebral lysis seen and no medullary compression seen.

Pelvic Limbs

Muscles are asymmetrical with lower volume in the right limb.

Presence of extensive periosteal reaction around the metatarsus V of the right foot with mild reaction also seen on the dorsal portion of the metatarsus IV. Presence of mild peripheral soft tissue swelling is seen.

The hips are congruent. No degenerative joint disease seen.

The stifles are congruent. No degenerative joint disease seen.

The popliteal lymph nodes are asymmetric in size (left 6,4 mm wide and right 9,0 mm wide).

The tarsal joints are congruent. No degenerative joint disease seen.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Exuberant periosteal reaction on the right metatarsus V with mild reaction on the IV.
- Mild popliteal lymph node enlargement.
- Normal head, neck, thorax, and abdomen.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The metatarsal lesion is likely a neoplasm like osteosarcoma, however, osteomyelitis cannot be ruled out.

Consider the popliteal lymph node enlargement as likely metastatic.

No obvious pulmonary metastasis seen or other sites of implants.

Biopsy is strongly recommended with oncological follow-up.



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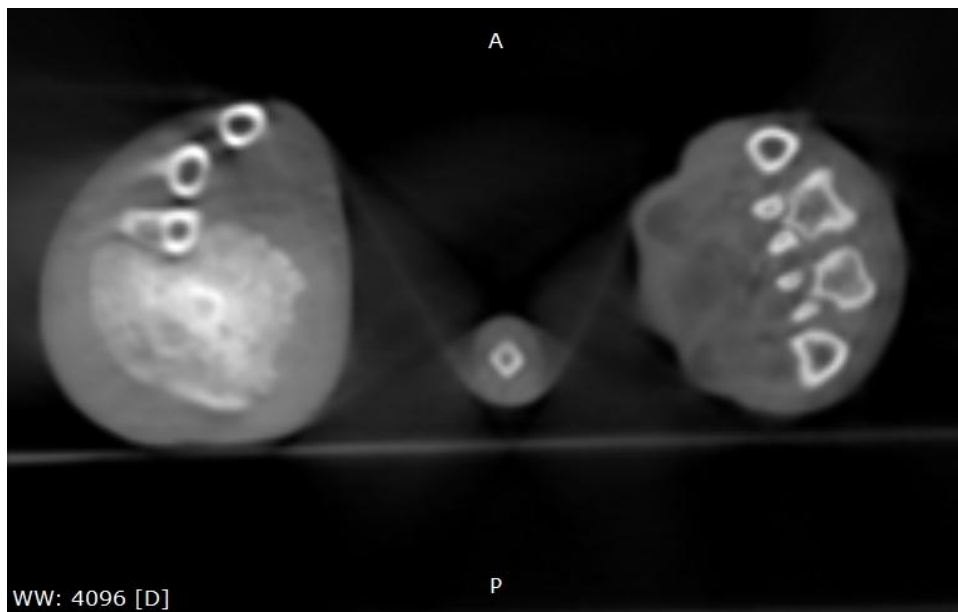
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Dr. Mauro Caldas MV, CBRV

info@sonopath.com