



PATIENT

Harley Quinn Estrada

SPECIES

Canine

BREED

Labrador Retriever Mix

SEX

FS

AGE

9Y, 7M

WEIGHT

71.1

INTERPRETED BY

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

IMAGING PERFORMED BY

Branson Kitterman

HOSPITAL NAME

Scottsdale Veterinary
Clinic

REFERRING VET

Dr. Hertz

INVOICE

72488

DATE

11-3-25

PRESENTING CLINICAL SIGNS

Patient has a very extensive ulcerative and exudative mass around the left axillary region that appears to extend from cranial left thorax to humeral region. Mass has been growing quickly. Cytology from rDVM suggestive of metastatic carcinoma (suspected from mammary mass that was excised over a month ago). Boarded surgeon recommended CT to see if removal is possible with likely amputation of the limb and check for metastasis

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX

A pre- and post-contrast CT study of the thorax was provided for review, totaling seven series, acquired in transverse plane using bone and soft tissue algorithms.

COMPUTED TOMOGRAPHIC FINDINGS

THORAX

An extensive, ill-defined, irregular soft tissue mass is identified along the left thoracic wall, extending into the pectoral and axillary regions. The lesion demonstrates heterogeneous contrast enhancement with intermixed hypoattenuating cystic areas and involves the thoracic, pectoral, and axillary musculature in an intramuscular pattern and the subcutaneous tissue. The lesion extends caudally and ventrally to approximately the level of the left eighth intercostal space, and cranially at the thorax inlet, and adjacent left thoracic limb.

No evidence of invasion into the intercostal muscles (external or internal) or the left thoracic cavity is observed.

The left superficial cervical and left axillary lymph nodes are markedly enlarged, irregular, and heterogeneously enhancing, measuring approximately 3.0 × 1.6 cm (axillary) and 2.4 × 3.6 cm (superficial cervical).

The sternal lymph nodes are also enlarged, rounded, and heterogeneously enhancing, measuring approximately 3.7 × 2.3 cm.

The middle tracheobronchial lymph nodes are mildly enlarged and heterogeneously enhancing, measuring approximately 1.5 × 1.5 cm.

The adjacent ribs and costal cartilages show no evidence of invasion or osteolysis; only costochondral degenerative changes are noted.

The trachea and main bronchi are within normal limits.

A single soft tissue micronodule is seen in the subpleural region of the left caudal lung lobe, measuring 2.6 mm. The remaining pulmonary parenchyma is within normal limits.

The bronchial walls are smooth and thin, and the bronchus-to-artery ratio is normal.

The cardiac silhouette, pulmonary vessels, pleural space, diaphragm, and thoracic esophagus are unremarkable.

Multifocal incomplete bridging vertebral endplate spondylosis deformans is observed in the thoracic spine.



PATIENT

Harley Quinn Estrada

SPECIES

Canine

BREED

Labrador Retriever Mix

SEX

FS

AGE

9Y, 7M

WEIGHT

71.1

INTERPRETED BY

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

IMAGING PERFORMED BY

Branson Kitterman

HOSPITAL NAME

Scottsdale Veterinary
Clinic

REFERRING VET

Dr. Hertz

INVOICE

72488

DATE

11-3-25

The scapulohumeral joints, scapulae, and humeral (cortical and medullary) structures are within normal limits. However, mild swelling or soft tissue infiltration is observed in the subcutaneous ventral surface of the left thoracic limb, contiguous with the described mass effect.

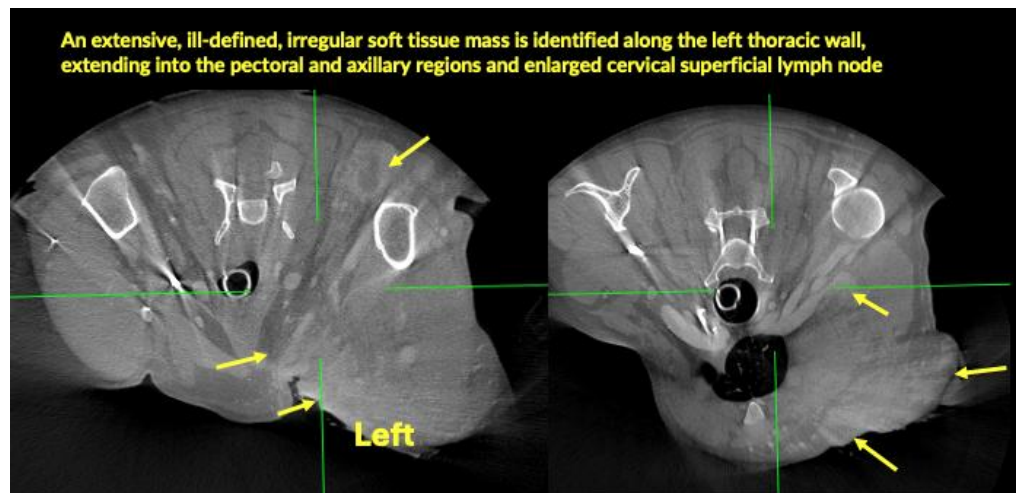
COMPUTED TOMOGRAPHIC DIAGNOSIS

- Extensive, ill-defined, heterogeneously enhancing subcutaneous and intramuscular soft tissue mass involving the left thoracic wall, extending to the pectoral and axillary muscles, without evidence of bone invasion or intrathoracic extension. Differential diagnoses metastatic inflammatory mammary carcinoma, based on the patient's history, concurrent subcutaneous swelling and/or inflammation.
- Marked enlargement of the left superficial cervical, axillary, sternal lymph nodes, middle tracheobronchial lymph node (mild)— differential diagnoses include metastatic lymphadenopathy.
- Multifocal thoracic spondylosis deformans.
- A single soft tissue micronodule is seen in the subpleural region of the left caudal lung lobe. Differential diagnoses include a solitary metastatic micronodule or an early-forming osteoma.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The tomographic findings reveal an extensive subcutaneous and intramuscular soft tissue mass centered on the left thoracic wall, extending into the pectoral and axillary musculature, without evidence of intrathoracic or osseous invasion. The imaging features are most consistent with a recurrent, aggressive neoplastic process accompanied by concurrent subcutaneous swelling and inflammation. Based on the patient's history and imaging characteristics, the primary differential diagnosis is metastatic inflammatory mammary carcinoma.

Support material: [Harley Quinn Estrada CT.mov](#)





PATIENT

Harley Quinn Estrada

SPECIES

Canine

BREED

Labrador Retriever Mix

SEX

FS

AGE

9Y, 7M

WEIGHT

71.1

INTERPRETED BY

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

IMAGING PERFORMED BY

Branson Kitterman

HOSPITAL NAME

Scottsdale Veterinary
Clinic

REFERRING VET

Dr. Hertz

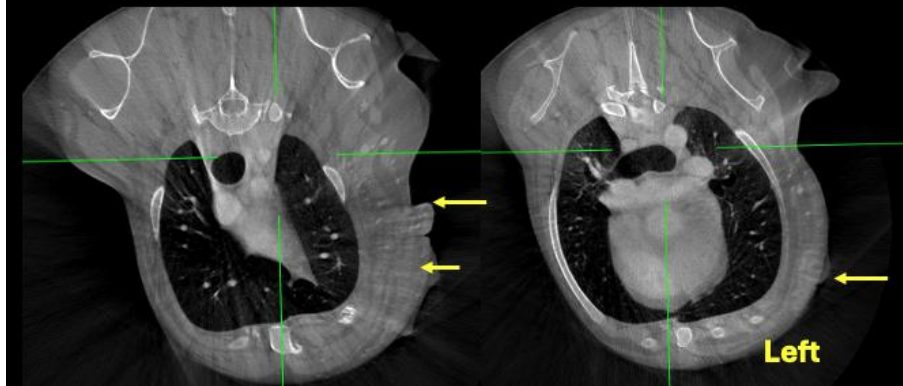
INVOICE

72488

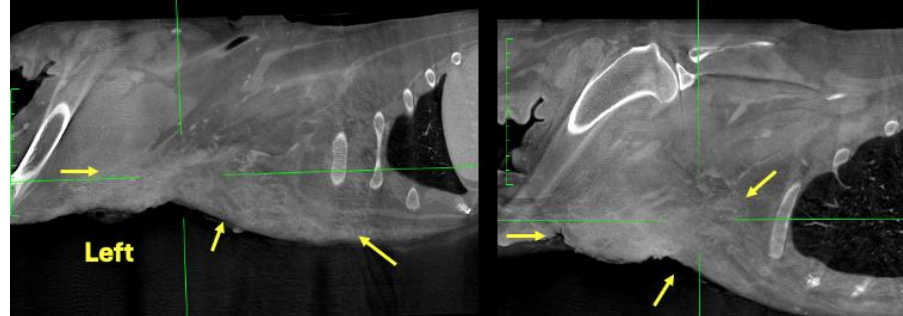
DATE

11-3-25

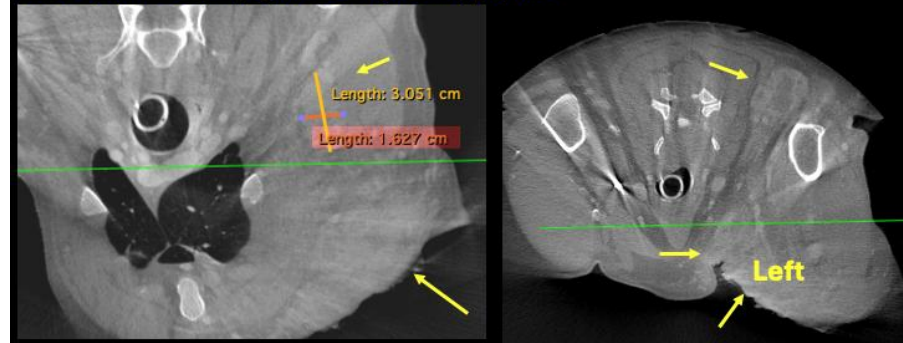
An extensive, ill-defined, irregular soft tissue mass is identified along the left thoracic wall, extending into the pectoral and axillary regions



An extensive, ill-defined, irregular soft tissue mass is identified along the left thoracic wall, extending into the pectoral and axillary regions



An extensive, ill-defined, irregular soft tissue mass is identified along the left thoracic wall, extending into the pectoral and axillary regions and enlarged axillary lymph node





PATIENT

Harley Quinn Estrada

SPECIES

Canine

BREED

Labrador Retriever Mix

SEX

FS

AGE

9Y, 7M

WEIGHT

71.1

INTERPRETED BY

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

IMAGING PERFORMED BY

Branson Kitterman

HOSPITAL NAME

Scottsdale Veterinary
Clinic

REFERRING VET

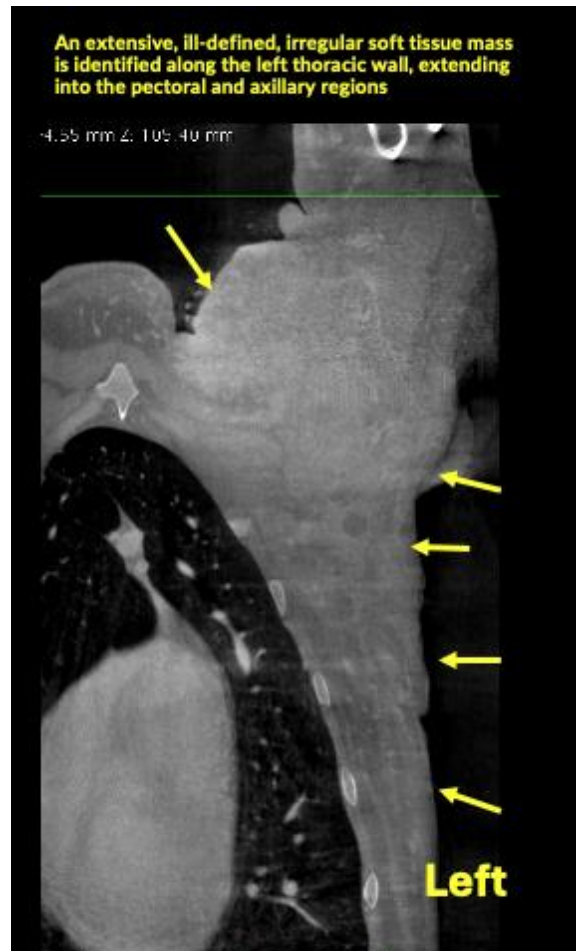
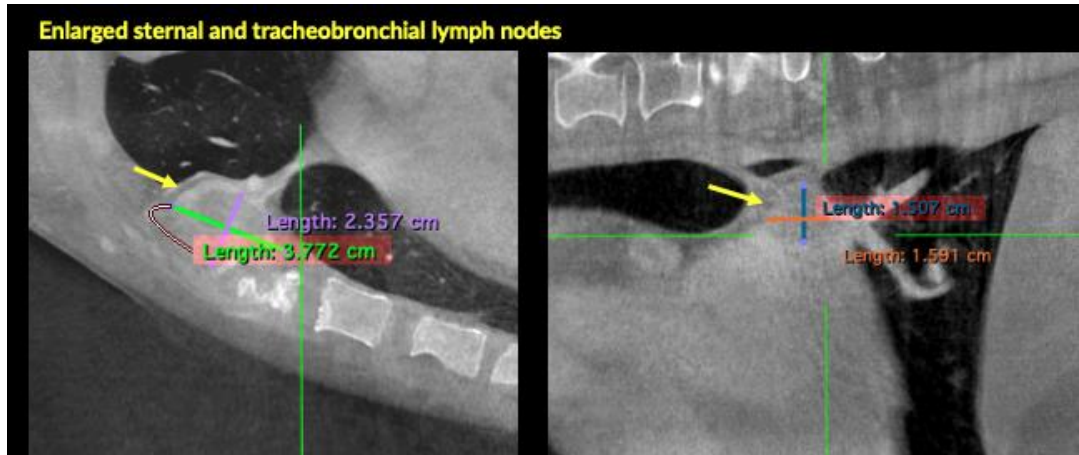
Dr. Hertz

INVOICE

72488

DATE

11-3-25





PATIENT

Harley Quinn Estrada

SPECIES

Canine

BREED

Labrador Retriever Mix

SEX

FS

AGE

9Y, 7M

WEIGHT

71.1

INTERPRETED BY

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

IMAGING PERFORMED BY

Branson Kitterman

HOSPITAL NAME

Scottsdale Veterinary
Clinic

REFERRING VET

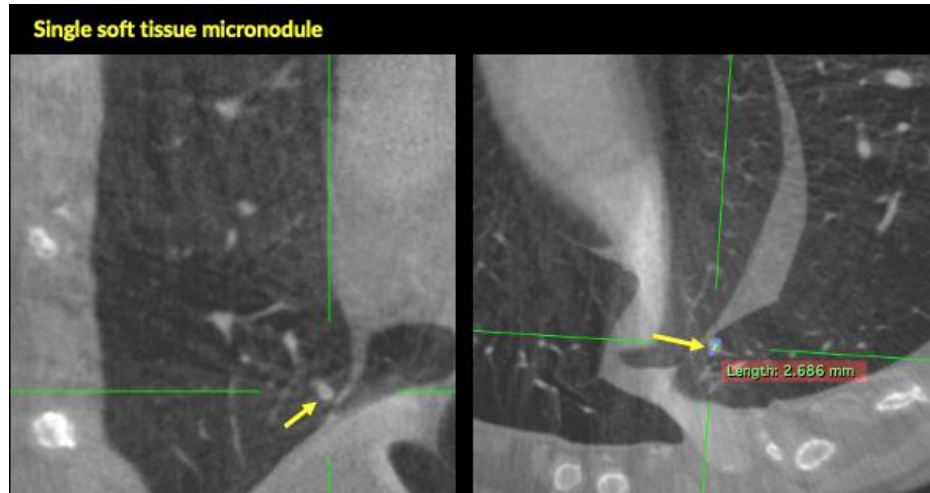
Dr. Hertz

INVOICE

72488

DATE

11-3-25



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