



PATIENT PRESENTING CLINICAL SIGNS

Rudy Kennedy large growth thyroid region r/o neoplasia
 Abnormal PE/Chem/CBC/UA Results: High neutrophils, high eosinophils, high monocytes rest of blood work is unremarkable.

SPECIES RADIOGRAPHIC STUDY OF CERVICAL SOFT TISSUE, THORAX AND ABDOMEN

Feline Orthogonal views of the cervical soft tissue, thorax and abdomen are available for review totaling three images. One ventrodorsal view, one right lateral and one left lateral view.

BREED RADIOGRAPHIC FINDINGS

DSH CERVICAL SOFT TISSUE AND THORAX

A large, rounded, soft tissue mass effect is seen at the ventral cervical region. The mass effect is central to the right side, it is border effacing the cervical tracheal wall, and mildly displacing mildly the cervical trachea to the left side at the level of the C3 to C5 vertebral bodies, and measures approximately the length of three vertebral bodies.

SEX

Male Neutered

There are a few (at least 4), variably sized, soft tissue opaque nodules throughout the lung lobes associated with a mildly diffuse interstitial pulmonary pattern. The visible pulmonary vessels are normal.

AGE

13 Years

An ill-defined opaque soft tissue mass effect is seen within the cranial mediastinum dorsally displacing the thoracic trachea on lateral views and causing an enlarged mediastinum in the VD views.

INTERPRETED BY

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

The cardiac silhouette is mildly enlarged, spans approximately 60% of the thoracic width, 3.0 intercostal spaces and mildly convex in apical and basilar contour. (VHS = 8.2).

The pleural space is normal.

An elongated, mixed soft tissue, and fat opacity mass effect is seen in the subcutaneous soft tissue dorsal to the spinous process of the thoracic vertebrae and scapulae, seen on the lateral views.

HOSPITAL NAME

Animal Clinic of Queens

The diaphragm and thoracic wall are unremarkable.

ABDOMEN

The caudoventral margins of the hepatic silhouette are elongated with bulging shape.

REFERRING VET

Dr Robert W. Thomas

The spleen and renal silhouette are normal in size, shape, and contour.

The stomach contains a small amount of gas admixed with homogeneous opaque ingesta material, which redistributes with the patient position.

INVOICE

59906

The small intestines are normally distributed, mildly distended, and contain a moderate amount of gas and homogeneous soft tissue fluid material.

The descending colon contains a moderate amount of heterogeneous soft tissue opaque fecal material.

DATE

8-24-23



PATIENT The urinary bladder is moderately filled with the apex in the plane of cranial L6 and is homogeneously soft tissue opaque.

Rudy Kennedy

The abdominal serosal detail is normal, no mass effect is identified.

SPECIES Minor lumbosacral incomplete spondylosis deformans is noted.

Feline

Abundant fat stores are seen in the subcutaneous tissues, mediastinum, and throughout the abdomen.

RADIOGRAPHIC DIAGNOSIS

BREED

DSH

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- Large, rounded, cervical mass, more on the right side. The differential diagnosis is neoplasm process, for example, thyroid mass or other cervical neoplasms.
- Multifocal pulmonary nodules, the differential diagnosis is pulmonary metastatic disease.
- Ill-defined soft tissue mass in the cranial mediastinum. The differential diagnosis includes ectopic thyroid mass, neoplastic or reactive mediastinal cranial lymphadenopathy.
- Enlarged cardiac silhouette. The differential diagnosis includes cardiomegaly, possible thyrotoxic cardiomyopathy, compensatory hypertrophic cardiomyopathy at compensated state, other forms of cardiomyopathy, less likely valvular disease, and concomitant pericardial fat accumulation.
- Hepatomegaly, the differential diagnosis includes metabolic vacuolar change (endocrinopathy, lipidosis), hepatitis, infiltrate, or metastatic neoplastic disease.
- Minor spondylosis deformans at L7-S1.
- Subcutaneous, soft tissue, and fat mass effect dorsally at the thoracic cavity, differential diagnosis includes lipomatous mass, soft tissue mass, enlarged superficial lymph node, and iatrogenic lesion.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic findings confirm a large cervical soft tissue mass, likely a malignant lesion due to an identified pulmonary metastatic disease. For a better evaluation of the origin of the mass, if not previously performed, cervical ultrasonography and fine-needle aspiration are suggested. An echocardiogram may be recommended for further evaluation of cardia structure and function. An abdominal ultrasound is suggested for better analysis of the hepatic parenchyma.

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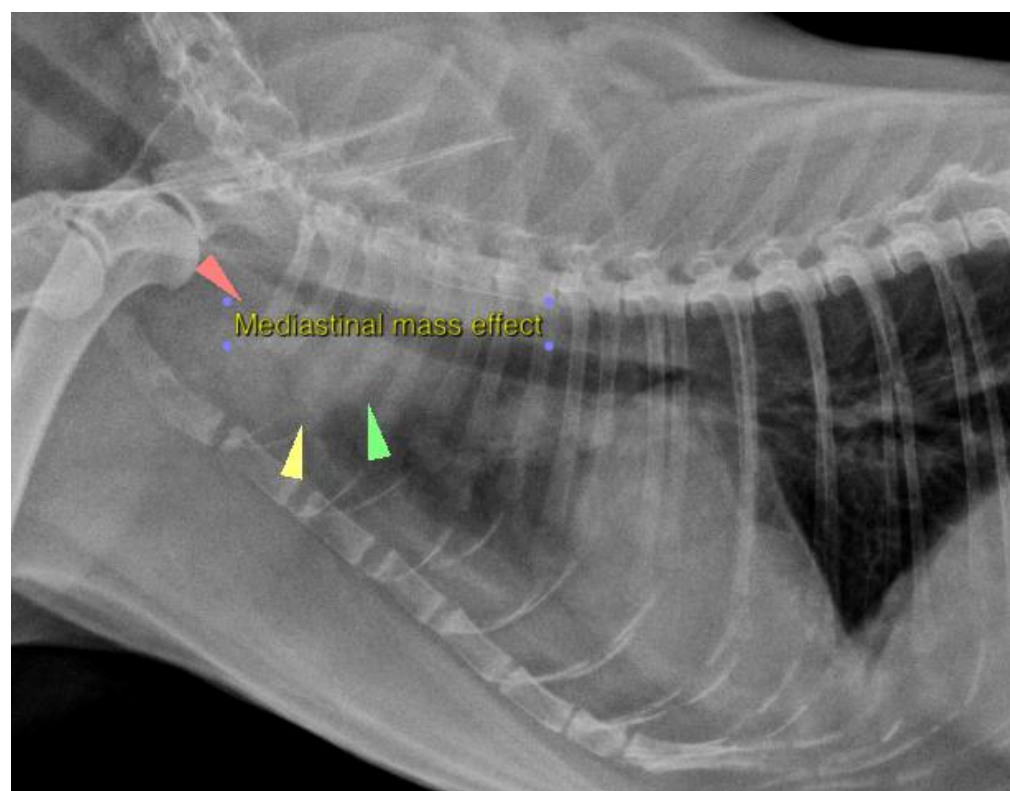
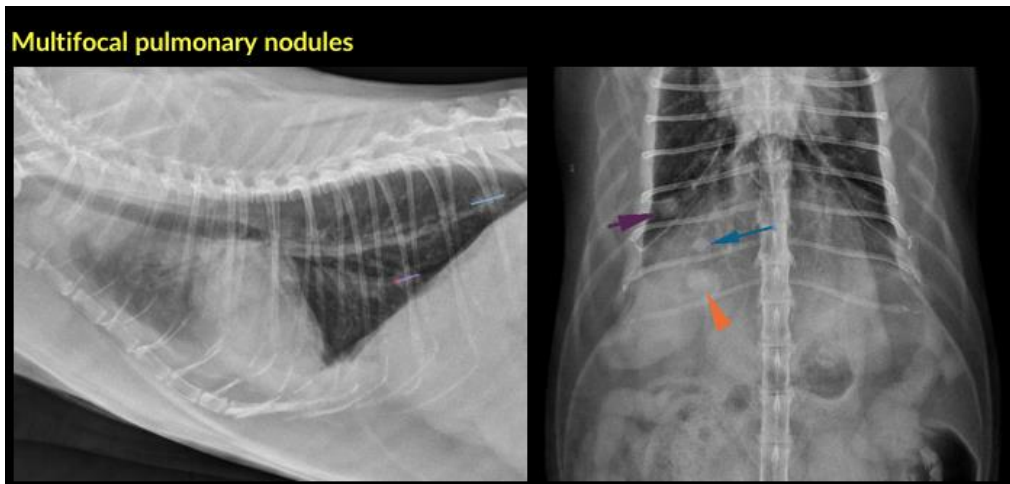
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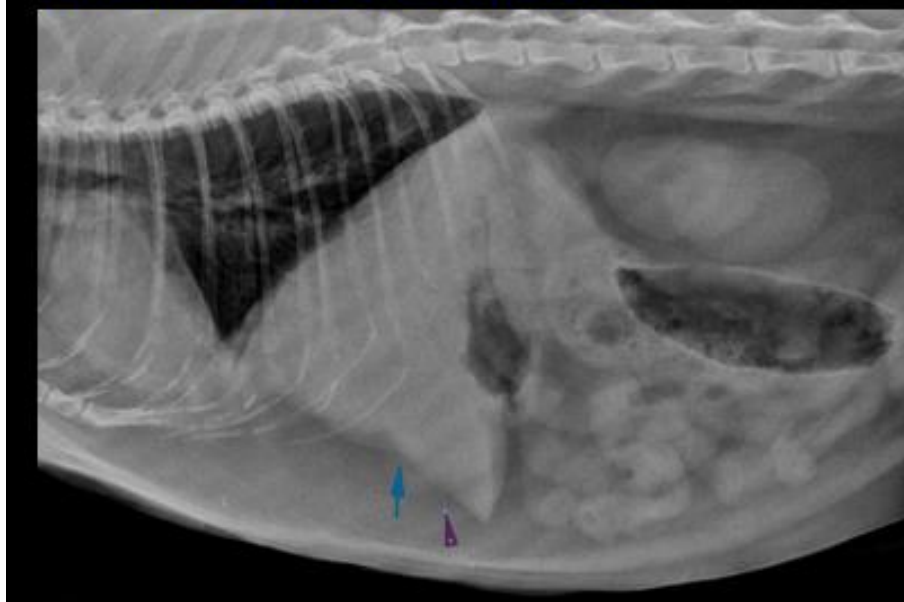
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Large, rounded, cervical mass



Enlarged hepatic silhouette





PATIENT

Rudy Kennedy

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.

SPECIES

Feline

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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