



PATIENT

Rufus Nguyen

SPECIES

Canine

BREED

Maltese

SEX

Male Neutered

AGE

13Y

WEIGHT

17.5

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVCI

IMAGING PERFORMED BY

DTLAvets

HOSPITAL NAME

DTLAvets

REFERRING VET

Dr. Coward

INVOICE

74390

DATE

3-30-26

PRESENTING CLINICAL SIGNS

- Rufus presents today for evaluation of new coughing and abnormal breathing. O stated that pet has been having trouble breathing while at rest pet seems to be panting more. O mentioned that pet went to groomer last week and had one episode of yellow bile vomit.
- History of 3/6 heart murmur

RADIOGRAPHIC STUDY OF THE THORAX

Right/left lateral and ventrodorsal views of the thorax totaling 3 images available for review.

RADIOGRAPHIC FINDINGS

Marked basico-apical enlargement of the cardiac silhouette is seen with elevated trachea which indicates left ventricular enlargement. Left atrial tenting and a double opacity sign are noted. VHS is 12.4. VLAS is 2.4.

Increased perihilar opacity of the lung is noted. Pulmonary vasculature appears congested accentuating the pulmonary veins consistent with emerging pulmonary edema.

There is no evidence of pleural effusion or right sided cardiomegaly.

The mediastinal width is within normal limits.

Mild generalized hepatomegaly is noted.

Mild spondylosis is present at L1/2.

RADIOGRAPHIC DIAGNOSIS

- Severe left sided cardiomegaly suggesting chronic valvular heart disease (DMVD).
- Possible emerging cardiogenic pulmonary edema.
- Mild generalized hepatomegaly.
- Mild L1/2 spondylosis.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The radiographic findings are compatible with chronic mitral valve disease progressing towards congestive heart failure including significant left ventricular enlargement, left atrial enlargement, and emerging perihilar pulmonary congestion. Mitral valve disease stage C is considered likely based on the radiographic presentation even though more accurate staging requires a cardiac echo. Cardiology referral for reassessment to evaluate mitral valve function, atrial size, and severity of developing congestive cardiac failure is recommended. Decision making on medical management such as initiation or adjustment of diuretics, Pimobendan, ACE inhibitors, and other guideline directed therapy will also be facilitated by a cardiac echogram.



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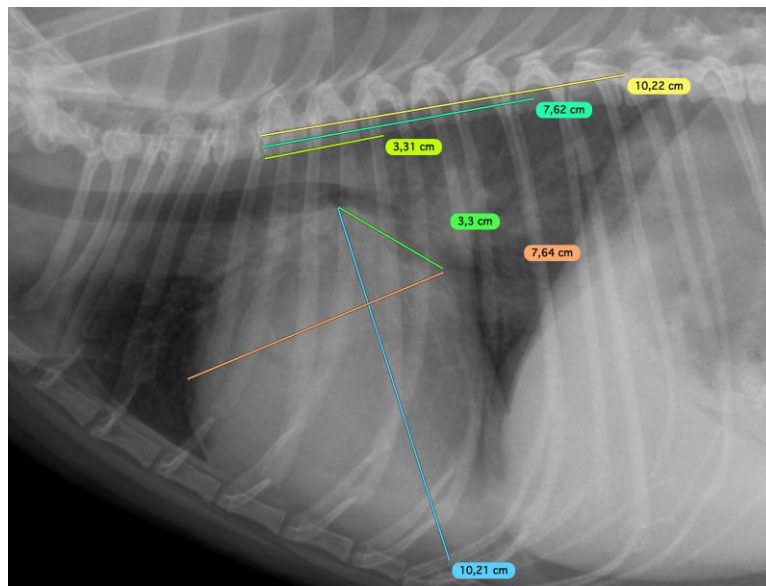
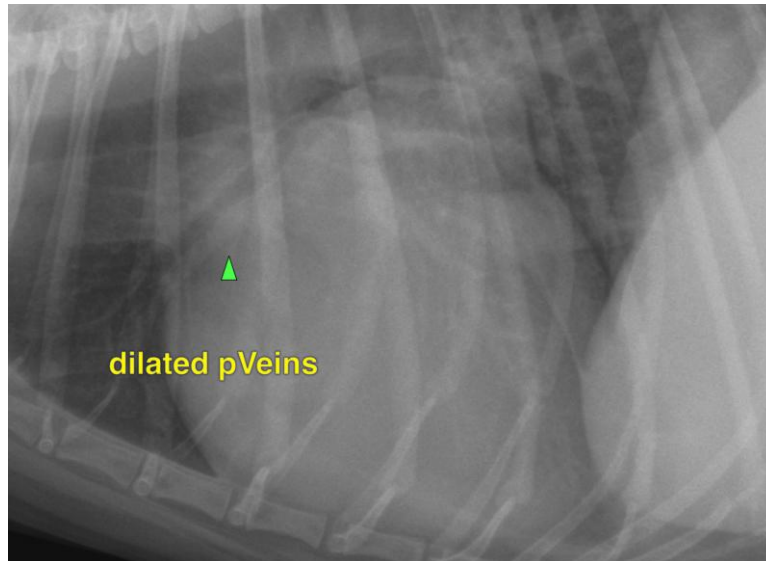
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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