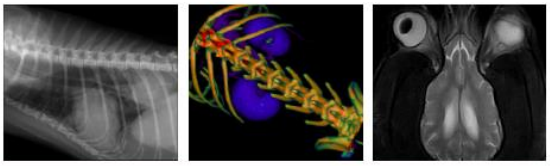
SonoPath Teleradiology

EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Mia Agudelo

SPECIES

Canine

BREED

Shih Tzu

SEX

Female Intact

AGE

7 Years, 10 Months

INTERPRETED BY

Heike Rudorf, DVM, Dr. med. Vet., DipECVDI DVR

HOSPITAL NAME

Long Valley Animal Hospital

REFERRING VET

Russell Earl

INVOICE

55680

DATE

12-17-22

PRESENTING CLINICAL SIGNS

Intact female. Two mammary nodules noted on exam. First was noted about 1.5 years ago, but recommended surgery was not pursued at that time. A second smaller (pea-sized) growth is now evident in the same chain.

Abnormal PE/Chem/CBC/UA Results: CBC: Platelets = 926 (thrombocytosis) Chem: Potassium =6.0 (hyperkalemia, believed secondary to thrombocytosis) U/A: 1+ protein; 1+ struvite crystals; pH=7.5; USpG=1.049

RADIOGRAPHS OF THE THORAX

2x LLR, 1x RLR, 1x VD

RADIOGRAPHIC FINDINGS

The body condition score is 7/9. A soft tissue mass with an irregular ventral surface is broad based and located ventral to the costal cartilages of ribs 9/10. In right lateral recumbency the mass is less obvious and appears as two separate entities, each with a nipple.

The bones are well mineralized with good trabecular structure and smooth surfaces. The disc spaces appear homogeneous in width.

The lungs are in contact with the thoracic boundaries and the tips are pointed. The lobar vessels are clearly visible to the tertiary branches. The bronchial tree is thin walled and tapers uniformly towards the periphery. On the rotated L lateral view an approx. 0.4cm, nodular, soft tissue opacity appears at the costo-chondral junction of one rib 4. It is not evident on the less rotated left lateral view.

The cranial mediastinum is of physiological size and opacity. The trachea diverges from the thoracic vertebrae and dips at the carina.

The cardiac silhouette occupies 75% of the chest height and 3 intercostal spaces. No chamber or outflow tract enlargement is evident.

RADIOGRAPHIC DIAGNOSIS

- Possible nodular lung opacity
- Mass/masses in cranial mammary gland region

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The nodular opacity most likely represents a composite shadow at the costo-chondral junction. Follow up radiographs are recommended. It will be difficult to achieve the same degree of rotation in the follow up views, thus a CT examination would be more productive. However, this is only recommended if it makes a difference with respect to carrying out the surgery or not. Otherwise, histopathology of the removed lump will help identify if the tumor is malignant (only approx.50% are) or not and if further treatment regimens and imaging follow ups are indicated.

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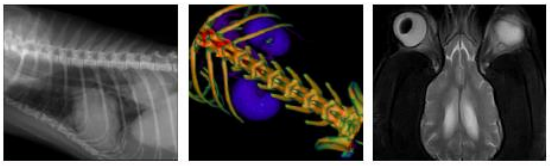

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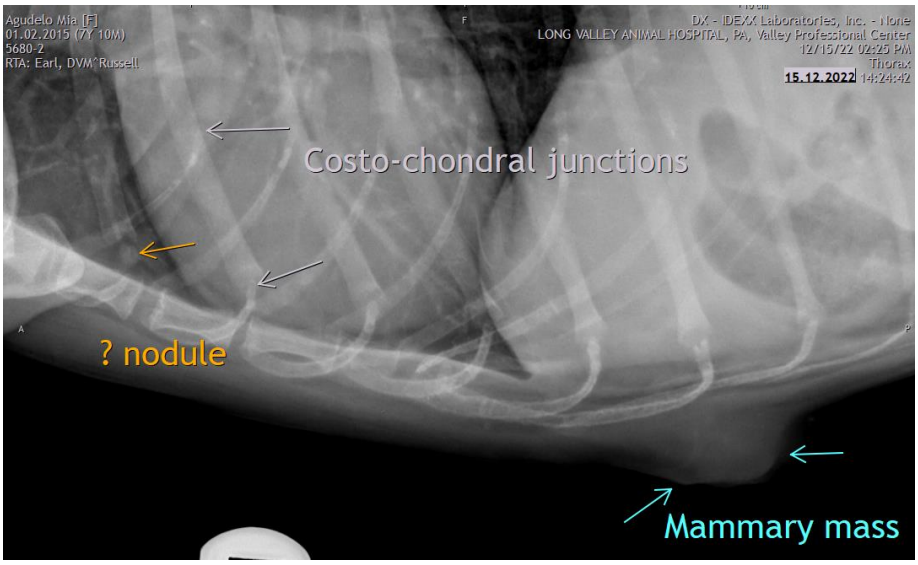

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Heike Rudorf, DVM, Dr. med. vet., DipECVDI, DVR
Dr.H.Rudorf@gmail.com