

**PATIENT**

Bridgette Jacobi

PRESENTING CLINICAL SIGNS

chemodectoma, heart base mass, pericardial effusion (cardiac tamponade)

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX

Plain and post contrast studies available for review.

BREED

French Bulldog

COMPUTED TOMOGRAPHIC FINDINGS

The CT study reveals an ovoid approximately 3 x 1.5 cm sized hypoattenuating mass at the heart base to the left of the aortic root and to the left and cranial of the right ventricular outflow tract. Mild pericardial effusion is noted at this time. The right atrial volume appears to be reduced. No further mediastinal lymphadenomegaly is noted.

SEX

Female

Multiple variably sized interstitial pulmonary nodules of up to 3mm diameter are seen within the right and left lung.

A 2 cm sized heterogeneously enhancing nodule is seen in the left lateral liver lobe.

AGE

12

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Peripherally enhancing heart base mass
- Mild pericardial effusion.
- Signs of right atrial tamponade
- Multiple interstitial pulmonary nodules
- Left lateral liver nodule.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**HOSPITAL NAME**

Animal Surgical
Center

Chemodectoma is one potential differential diagnosis for the mass in the heart base. Hemangiosarcoma, lymphosarcoma, myxosarcoma, and other neoplasia cannot be ruled out entirely. Organizing hematoma and cysts are considered highly unlikely.

REFERRING VET

Animal Health and
Wellness Clinic

Paraneoplastic effusion/ hemorrhage is considered likely in terms of the mild pericardial effusion. Note the presence of multiple interstitial pulmonary nodules suggesting presence of metastatic disease which renders chemodectoma less likely than other neoplasia since the metastatic rate of chemodectoma is low.

The nodule within the left lateral liver lobe may represent a metastases. Primary neoplasia of the liver, benign nodular hyperplasia, regenerative nodule, or other are considered less likely.

INVOICE

57843

DATE

4-17-23



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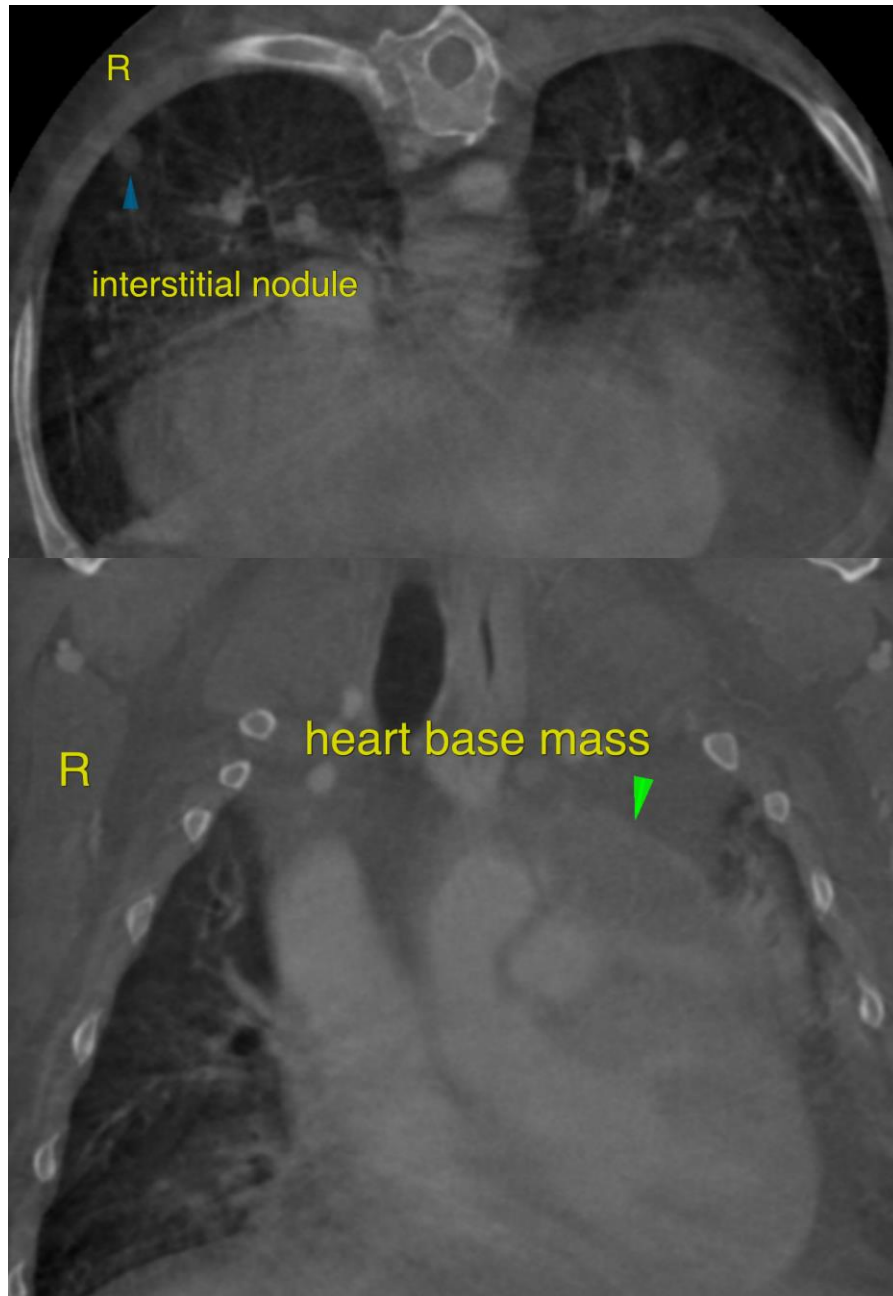
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Canine

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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

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