



PATIENT PRESENTING CLINICAL SIGNS

Janae Howells History: Diarrhea, possible lung mass seen on radiographs

SPECIES LIMITED ULTRASONOGRAPHIC EXAMINATION

Feline Subjective evaluation of the heart revealed overtly normal cardiac structure and function without evidence of left or right heart chamber enlargement and subjective normal left ventricle systolic function. No overt evidence of pericardial free fluid. Solitary to possible several to multiple caudal thoracic peripheral pulmonary nodules were present. The nodules were primarily spherical in appearance with uniform hypoechoic echogenicity. Subjectively forming an acute angle with the thoracic wall and mildly disrupting the associated reflective lung surface. An example measured 0.85 cm in diameter. No overt evidence of concurrent pleural free fluid.

BREED

Domestic Shorthair

SEX

Spayed Female

A brief sonographic assessment of the cranial abdomen, including the liver and diaphragm, revealed subjective intact curvilinear diaphragm appearance without evidence of hernia. The liver was overtly normal without evidence of intraparenchymal nodules or masses. Potential for partially bilobed gallbladder, which is a normal variant in a cat.

AGE

2012

ULTRASONOGRAPHIC FINDINGS

- Caudal thoracic peripheral pulmonary nodule to nodules- concern for neoplastic criteria (i.e., carcinoma or other), potential for non-neoplastic etiologies (such as granuloma or other) possible.

WEIGHT

10.2 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Assuming normal clotting status, ultrasound guided FNA of a peripheral pulmonary nodule, under sedation and using a 25-gauge needle, could be considered for screening cytology. However, given the size of the peripheral pulmonary nodules, this may be difficult. The possibility of a larger lesion within the central lung, surrounded by aerated lung, cannot be definitively excluded. Full abdominal ultrasound, to assess for or rule out potential for primary lesion or tumor as a potential cause of pulmonary metastasis, could be considered. Thoracic CT may be considered in this patient for further assessment.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Stanglein VC

REFERRING VET

Dr. Green

INVOICE

14310

DATE

3/14/22





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Janae Howells

SPECIES

Feline

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Domestic Shorthair

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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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