



PATIENT PRESENTING CLINICAL SIGNS

Fern Cortright Chronic URI's, heavy breathing for 1 week Methypred 2 BID, Terbutaline 10 .05 BID, Clavamox

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE THORAX

Feline **Heart / Thorax**

BREED Subjective assessment of the heart revealed overtly normal cardiac structure and function without evidence of left or right heart chamber enlargement or LV Systolic dysfunction. No evidence of pericardial effusion or cardiac tumors.

DSH

SEX

F/S

AGE

2012

Sonographic assessment of the left and right thoracic cavity and lung revealed generalized inflated to aerated lung exhibiting reverberation artifact, typically seen with aerated to inflated lung. Suspected Intermittent peripheral lung rockets or comet tail artifact, which may indicate focal areas of alveolar lung disease such as chronic inflammatory disease with microconsolidation or similar, are possible. Although Indistinct, focal small area of consolidated lung directly adjacent to the heart potentially coinciding with a collapsed lung in the right lung field was present. Potential very scant free fluid was noted along the pleural interface in some aspects of the thoracic cavity. No overt evidence of space-occupying pulmonary or thoracic masses was noted.

WEIGHT ULTRASONOGRAPHIC FINDINGS

7

- Subjectively normal heart
- Generalized aerated lung exhibiting reverberation artifact
- Suspect focal peripheral lung rockets to focal comet tail artifact
- Potential focal consolidated lung in right lung field adjacent to the heart
- Potential scant free fluid along segmental pleural interface

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING PERFORMED BY

Rebekah Jakum, CVT
 ARDMS/RVT

The lung presentation without evidence of structural or functional cardiomyopathy is consistent with primary lower airway disease with considerations including Inflammatory or infectious pulmonary disease with neoplasia considered a less likely differential diagnosis. A definitive assessment would require lower airway sampling for cytology.

HOSPITAL NAME

Cherryville AH

In addition to current empirical respiratory therapy, a compounded Doxycycline trial at an appropriate dose could be considered, given its anti-mycoplasma, as well as anti-inflammatory effects, which may prove beneficial.

REFERRING VET

Dr. Myers

INVOICE

14649

DATE

8/17/22



PATIENT

Fern Cortright

SPECIES

Feline

BREED

DSH

SEX

F/S

AGE

2012

WEIGHT

7

INTERPRETED BY

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

IMAGING PERFORMED BY
Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Cherryville AH

REFERRING VET

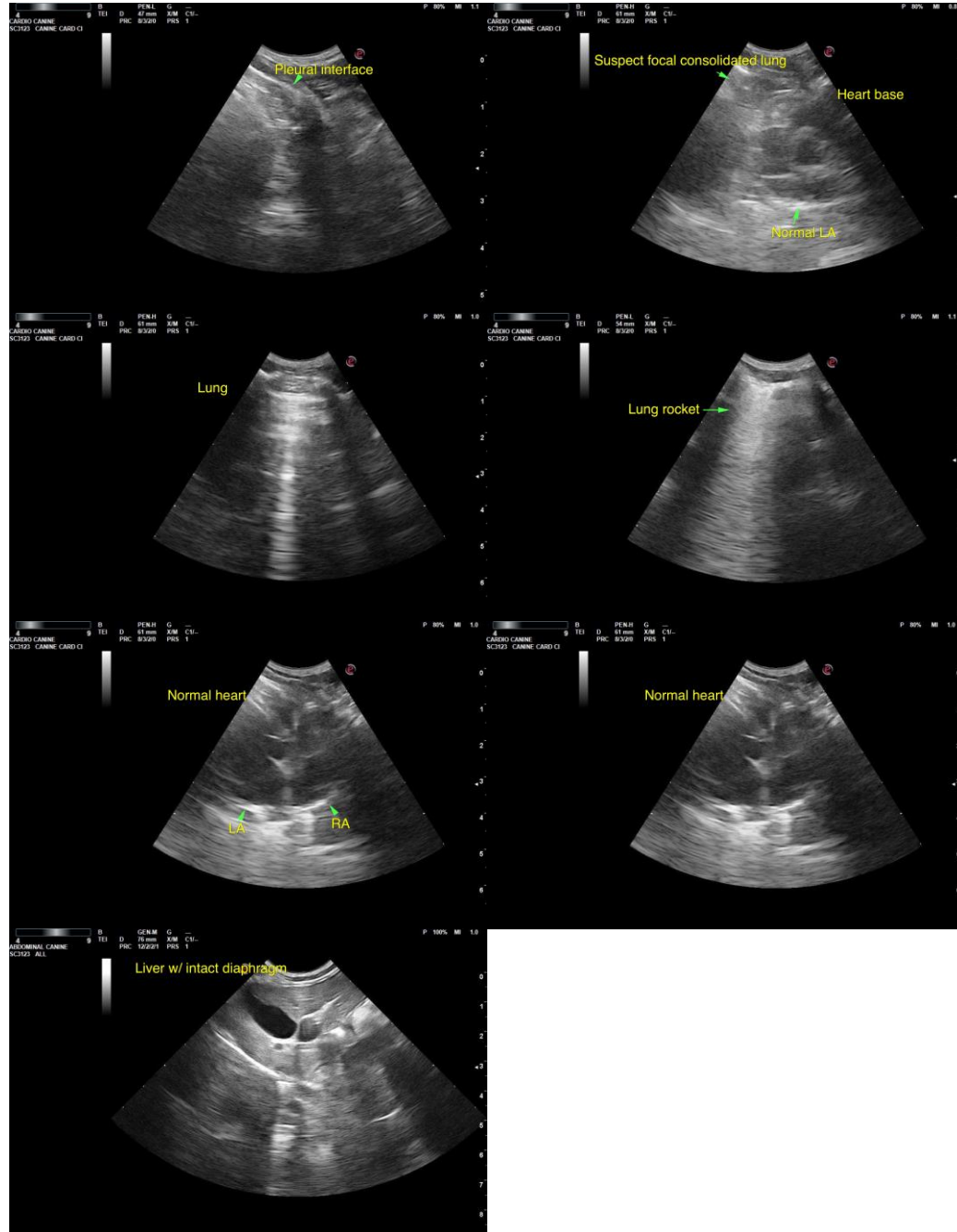
Dr. Myers

INVOICE

14649

DATE

8/17/22



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.

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
mac.daniel@sonopath.com