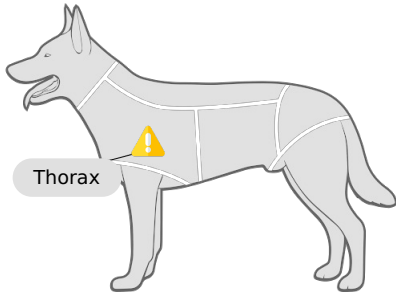


# Virtual Radiology CANINE Cardiopulmonary Screening

## Region: Thorax



Case	Patient Info	Clinic
ID: 22355135	Current Age: 2 y. 1 m.	Fancy Pet Clinic
DOS: 11/30/2024	Age when report: 2 y. 1 m.	23 Kittenpurr Lane
Priority: Normal	Sex: F	Somerset, VA5 4QT
Patient	Species: Canine	Email: Reception@fancypet.co.uk
ID: 12345	Breed: Chihuahua	Phone:
Name: Whiskerton, Little	Weight: 8.00 kg	Fax:

## Conclusions

### Lung disease only:

1. Pulmonary pattern identified (see specifics in the Airway/Pulmonary Findings section below).
2. Minimal cardiomegaly detected.



## Findings

### Airway/Pulmonary Findings:

- A mild bronchial pattern has been detected. Clinical signs are necessary to ascribe significance to this radiographic finding. In the ABSENCE of respiratory signs, age-related change or a false positive result from technique or edge-enhanced image processing would be most likely. In the PRESENCE of respiratory signs, mild bronchitis (bacterial, allergic or parasitic, including heartworm pathosis) would be more likely.
- There is no evidence of ALVEOLAR PATTERN, DYNAMIC AIRWAY COLLAPSE or BRONCHIECTASIS, PULMONARY NODULES or PLEURAL EFFUSION.

### Cardiac Findings:

- The cardiac silhouette size is normal.

**Seth Wallack, DVM, DACVR, RVMS**  
Vetology Founder. Creator of Radiology AI Algorithms

## Recommendations / Next Steps

Further evaluation/treatment of the lungs and/or airways may include

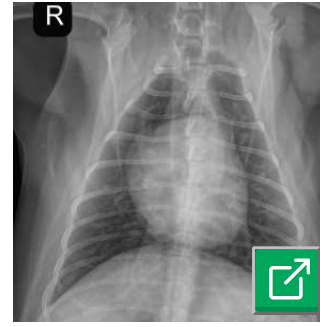
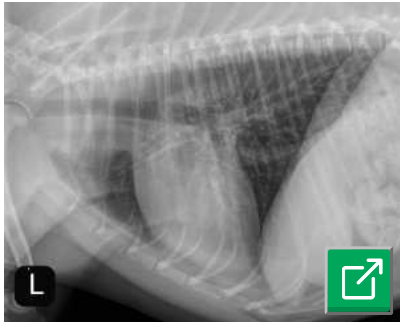
- Radiograph submission to a Radiologist for further evaluation.
- Empirical therapy for lung disease based on your clinical assessment.
- Bronchoscopy with bronchoalveolar lavage (BAL) vs. endotracheal lavage and/or Baermann fecal.

If your clinical impression of the patient does not match the content of this result, click: [I want a Vetology radiologist 2nd opinion.](#)

Best virtual radiologist results are obtained when the system detects **ORTHOGONAL THORACIC RADIOGRAPHS** that are well positioned, properly exposed, unobstructed and non-contrast. If you think our system did not identify an image or missed something, email us at [info@vetology.net](mailto:info@vetology.net) and tell us about it.



## AI Processed Images



## Disclosures

### Humans + AI are Better Together

**TRUST YOUR TRAINING** - Our Virtual AI Radiologist Report offers screening results without direct radiologist evaluation. It is one piece of information in your comprehensive diagnostic evaluation.

Your experience and medical training are invaluable. If you clinically observe or suspect a finding/lesion in the patient the system did not detect, please do one or both of the following:

- Click the thumbs-down icon and share your feedback. A Vetology team member will be in touch.
- If you need a quicker resolution, request a teleradiology report for a fee.

Vetology AI detects ONLY the following radiographic findings in the [canine thorax](#):

- Bronchitis
- Heart failure
- Interstitial lung disease
- Lower airway dynamic collapse
- Perihilar lung infiltrate
- Pleural effusion
- Pneumonia
- Pulmonary nodules
- Pulmonary osteomas

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