REPORT

Service: Complete	**Date of Receipt:** Aug 27 2025

REQUEST DETAILS - 05:14 PM AUG, 27 2025

Hospital Name: New Sky Vet Hospital	**DVM Name:** Edgar Simmons

PATIENT DETAILS

Owner Name: Lucas Wright	**Age:** 6 years, 0 months
Patient Name: Blue	**Patient Id:**
Species: Canine	**Breed:** Labrador Retriever
Gender: M	**Neutered:** UNALTERED

CASE HISTORY

Blue presented for a month history of a persistent cough, exercise intolerance, and marked weight loss. He is now lethargic with pale/icteric gums and is Heartworm positive. Would like a screen of the thorax before we proceed with Heartworm therapy. Thank you! Clinical Signs and Symptoms: Respiratory Signs - Coughing: Onset: Chronic (>4 weeks) Type of Cough: Unproductive

RESPONSE - 05:42 PM AUG, 27 2025

Summary of findings:

Thorax

The lungs are affected by a diffuse bronchial pattern with an unstructured interstitial component. The pulmonary arteries are dilated and tortuous. The right heart is prominent. The main pulmonary trunk is distended. The sternal lymph node is prominent. The esophagus transiently contains gas, attributed to aerophagia. The remainder of the thorax is within normal limits.

Abdomen

No abnormal findings are noted in the observed abdomen.

Musculoskeletal

No abnormal findings are noted in the observed musculoskeletal system.

Conclusions/recommendations:

Conclusions:

The enlarged pulmonary arteries, main pulmonary trunk, and suspected right-sided cardiomegaly are most consistent with heartworm disease. The concurrent pulmonary pattern could represent pulmonary infiltrates with eosinophils (parasitic pneumonitis).
Mild sternal lymphadenopathy - normal vs reactive.

Recommendations:

Adulticide therapy is recommended after an appropriate length of premedication with a preventative. Pretreatment with an anti-inflammatory dosage of corticosteroids before beginning preventative treatment is often beneficial in reducing airway inflammation. An echocardiogram may provide additional information.

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To receive additional support on this case, you can reach out to **STAT@signalpet.com**, call us at **+1 (214) 612-0959**

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