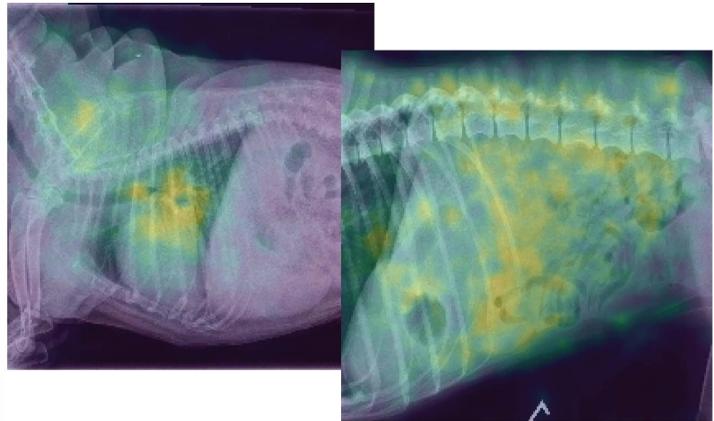


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- Determining Heart Failure vs. Lung Disease
- Lung Patterns
- Cardiomegaly
- Mediastinal Masses
- Hilar Lymphadenopathy
- Pleural Disease
- Small Intestinal Obstructions
- Microhepatia
- Liver Masses
- Splenic Masses



- Abdominal Fluid
- Pancreatitis
- Sublumbar Lymph Node Enlargement

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Virtual Radiologist CANINE Abdomen Evaluation by Vetology AI

Case	CASE AI EVALUATION REPORT		Clinic Extra Info
	Case	Findings	
Ask A.I.M.E. Vetology Innovations San Diego, CA. vetology.ai (888) 416-2124	ID: 1764096 DOS: 08/03/2021 Priority: Normal Clinic:	ID: 17440 Name: Golden's Freddy Current Age: 0 y, 1 m Age when report: 0 y, 1 m Sex: M Species: Unknown Breed: Weight: 0.00 kg	Email: compamonahstaff@gmail.com Phone: +1 8636887000 Fax: +1 8636887000

Artificial Intelligence (AI) Evaluation

Virtual Radiologist CANINE Abdomen Evaluation

The AI result for this case is most compelling for: Small Intestinal obstruction or a severe functional ileus. Submission of this case for radiologist evaluation is recommended. Gas distention of many small intestinal loops is identified, ranging from mild to severe. Significance of the more distended loop in the cannot be definitively determined, but there is potential for this to represent pathologic small Intestinal distention indicative of obstruction. Physiologic ileus can appear similar, but there are many loops of small bowel that have normal diameter, so mechanical obstruction is a concern in this case.

Liver Findings:

- 1) Liver size, shape and margin are normal.

Spleen Findings:

- 1) Splenic size, shape and margin are normal.

Gastrointestinal Findings:

- 1) There are multiple small bowel loops that are mildly to moderately distended with gas.
- 2) There is a loop of intestine that appears as if it may be descending colon but the appearance is also concerning for pathologically distended small intestine.

Abdominal Detail Findings:

- 1) It seems to be mostly in the cranial abdomen, where there is also an ill defined decrease in detail with a mild increase in soft tissue opacity.

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

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Next Steps

NOTE: We expect the Vetology AI virtual radiologist to perform at the level of a boarded veterinary radiologist. If our virtual radiologist result is inconsistent with the clinical picture or you believe is incorrect, click: [I want a Vetology radiologist 2nd opinion.](#)

Best virtual radiologist results are obtained when the system detects **ORTHOGONAL ABDOMINAL RADIOGRAPHS** that are well positioned, properly exposed, have no overlying structures and are non-contrast studies. If you think our system did not identify an image or missed something, click [here](#) and tell us about it.

Your Notes:

Further evaluation/treatment may include

1. Virtual Radiologist Case Difficulty: MODERATE
2. Virtual Radiologist Confidence: MODERATE
3. There is significant potential for mechanical obstruction of the small intestine in this patient. Submission of this radiographic study for radiologist evaluation is recommended.
4. Alternatively, abdominal ultrasound or a barium study is recommended.
5. Surgical exploration may be indicated.

AI Processed Images



Click here to Submit a new Ask A.I.M.E. Question



Click here to Submit a new Ask A.I.M.E. Question



Click here to Submit a new Ask A.I.M.E. Question

Disclosures

This report is for the CANINE LIVER, SPLEEN, GI TRACT and ABDOMINAL DETAIL EVALUATION ONLY and should not be applied to another species or interpreted as pertaining to any other portion of the abdomen except the LIVER, SPLEEN, GI TRACT and ABDOMINAL DETAIL. This is a computer assessment without human input. This assessment should be used as one piece of information in your diagnostic evaluation. This is not a radiographic diagnosis.

The CANINE Abdomen Evaluation Version 1 analyzes for the presence of **ONLY** the following findings/diseases:

- Abdominal fluid
- Colitis
- Cushing's disease
- Enteritis
- Gastritis
- Hepatic mass
- Hepatomegaly
- Microhepatia
- Pancreatitis
- Small Intestinal obstruction
- Splenic mass
- Splenomegaly

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VetRay services offers both AI reports as a screening tool and telerad services by Board Certified Radiologists (the competitors only offer AI).

VetRay services provides a real report on relevant clinical information including findings and a conclusion. The system also provides additional links for further reading.

Competitors charge per report (however all cases are automatically sent to their system).

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On average competitors are 10x more expensive per month for a typical clinic.

VetRay services results have been independently validated for accuracy by radiologists.