

**DATE PRESENTING CLINICAL SIGNS**

1/31/23

PATIENT

Lucy Canther

SPECIES

Canine

BREED

Golden Retriever

SEX

Spayed Female

AGE

10/16/19

WEIGHT

65 Pounds

INTERPRETED BYKathleen Sennello DVM,
MS, Diplomate ACVIM
(Small Animal Internal
Medicine)**HOSPITAL NAME**

Fork Vet Hospital

REFERRING VET

Dr. Doherty

INVOICE

44624

Acute onset of swelling to the left cervical region about 7 days ago. The owner's father is a veterinarian (out of state) and recommended beginning some oral antibiotics (Augmentin). No change in the mass was seen after 5 days. On physical examination (1/28/23), the temp was 104.2 with a firm mass measuring 4.0 cm in diameter was found on the left side of the neck ventral to the mandible. The mass was not painful to palpation nor showed any signs of inflammation, tissue necrosis or wound or evidence of a fluid pocket. The dog was BAR with a normal appetite. Multiple aspirates of mass showed no evidence of a fluid pocket or abscess. The multiple aspirate only produced a small amount of serous fluid needle hub full. Cytology of the fluid showed some RBC, WBC with Neutrophils and some lymphocytes and macrophages present but no bacteria was found. No other swelling or lymph node enlargement was noted. Recommended to continue with the oral antibiotics, added a recommendation of warm compresses to the site and oral Rimadyl. 48 hrs after adding these treatments no change in the appearance of the mass was noted yet the dog appears BAR with a good appetite. This morning at presentation – no fever and mass is reduced by half.

Current Medications: Rimadyl 50 mg BID, Augmentin 500 mg BID
 Lab Results: Cytology of serous fluid from mass : no bacteria but RBC,WBC with neutrophils and small number of lymphocytes and macrophages.
 Date of Previous IntraPet Ultrasound: No previous.
 Sedation: Declined, required for further imaging.
 Stat Report: Not requested.
 Imaging Performed By: Rachel Brillhart, RDMS.

CERVICAL ULTRASONOGRAPHIC EXAMINATION

The swollen region of tissue on the left side of the neck is imaged, revealing thickened, edematous, inflamed cutaneous and subcutaneous tissue, most consistent with dermatitis and cellulitis. No focal abscesses, fluid filled cavities, or foreign material (gas, shadowing, etc.) is visualized.

The left mandibular salivary gland appears relatively normal in size with smooth external margins and no evidence of a mass effect. This measures at approximately 3.54 cm x 1.64 cm. The right side is evaluated for comparison, and the right mandibular salivary gland appears somewhat similar aside from the surrounding tissue, measuring 2.93 cm x 1.99 cm.

In one of the transverse views of the trachea, there does appear to be a small amount of edematous irregular hypochoic tissue visualized on the left side, likely in the region of the swelling.

ULTRASONOGRAPHIC FINDINGS

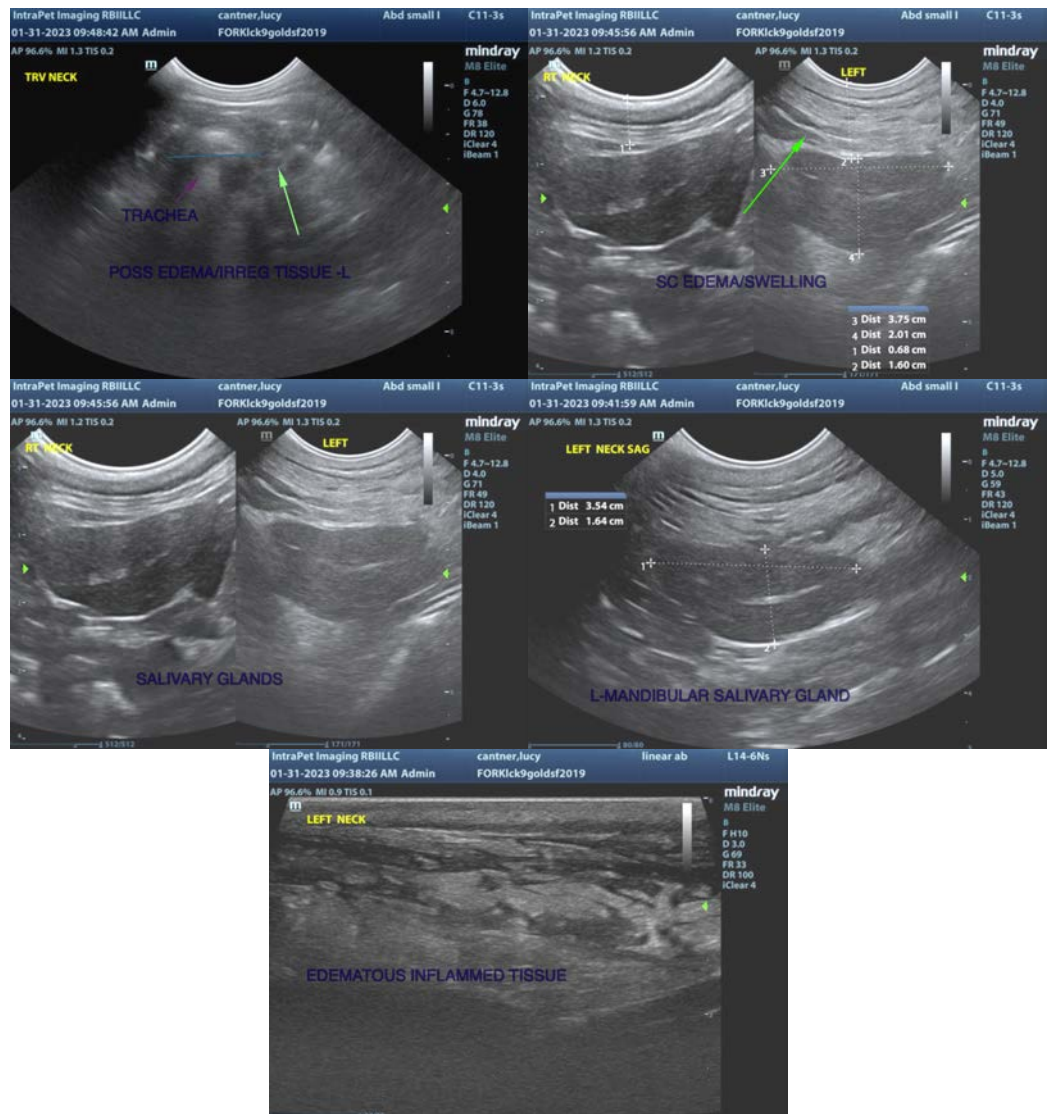
- Suspect focal dermatitis and cellulitis in the left cervical region

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No focal mass lesions, abscesses, or foreign material is observed on today's exam. Findings are most consistent with focal cellulitis and dermatitis, the source of which is unclear. This could be due to a small puncture wound, bite wound, even something ingested and perforated from the esophagus, upper airway, oral cavity, etc. Based on the information provided on the history, you are obtaining good result with your hot compresses and antibiotic therapy. I would recommend continuing this.

If the lesion relapses after therapy, consider a contrast CT scan of the cervical region along with a good anesthetized oral exam. While a mass effect is not observed and seems much less likely, continued

monitoring for something such as a mast cell tumor should be considered, as this can behave in a similar way, causing inflammation, swelling, temperature elevation, etc.



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.

Kathleen Sennello DVM,MS, Diplomate ACVIM (Small animal Internal Medicine)
kathleen.sennello@sonopath.com