



**PATIENT PRESENTING CLINICAL SIGNS**

Leo Wallace  
 sudden onset of soft tissue swelling in the intermandibular space hard from the edges and soft /fluid from the center, very painful to touch , bloody fluid was aspirated while taking FNA  
 Abnormal PE/Chem/CBC/UA Results: periodontal disease grade 3/4, Blood work indicated mild neutrophilic leukocytosis , elevated ALP, BUN , 4DX negative , spec-cpli WNL

**SPECIES**

Canine

**RADIOGRAPHIC STUDY OF THE SKULL**

Radiographs of the skull in two orthogonal imaging planes are provided of review.

**BREED**

Beagle

**RADIOGRAPHIC FINDINGS**

In the submandibular region, ventral to the larynx, a marked heterogeneous soft tissue swelling with multiple interspersed gas opacities is appreciated. The swelling is measuring approximately 10 cm in diameter. In the VD view, the submandibular swelling is accentuated on the right side and diffuse subcutaneous soft tissue swelling is seen along the right side of the skull.

**SEX**

Male Neutered

A diffuse subcutaneous swelling is extending caudally along the ventral aspect of the neck, most accentuated, at the cranioventral aspect of the cranial thoracic aperture.

**AGE**

9

The osseous structures of the skull present without abnormalities. Both external ear canals are aerated.

**RADIOGRAPHIC DIAGNOSIS**

- Marked submandibular soft tissue swelling with gas inclusions
- Suspect secondary inflammatory edematous swelling of the skull

**INTERPRETED BY**

Sebastian Schaub, DVM  
 Dr. med. vet. DipECVDI

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The radiographic changes are highly suggestive for submandibular abscess or septic steatitis – a preceding perforating trauma, migrating foreign body, stick injury are potential underlying causes. Potentials can include hematoma due to perforating trauma or iatrogenic gas inclusions due to preceding tapping if the swelling. The odds for neoplastic origin are considered low.

**HOSPITAL NAME**

Lakeshore Woods  
 Animal Hospital

**TECHNICAL COMMENTS**

Human fingers are seen in the primary beam, please consider radiation safety guidelines!

**REFERRING VET**

Dr. Sam Masoud

**INVOICE**

54957

**DATE**

11-2-22



**PATIENT**

Leo Wallace

**SPECIES**

Canine

**BREED**

Beagle

**SEX**

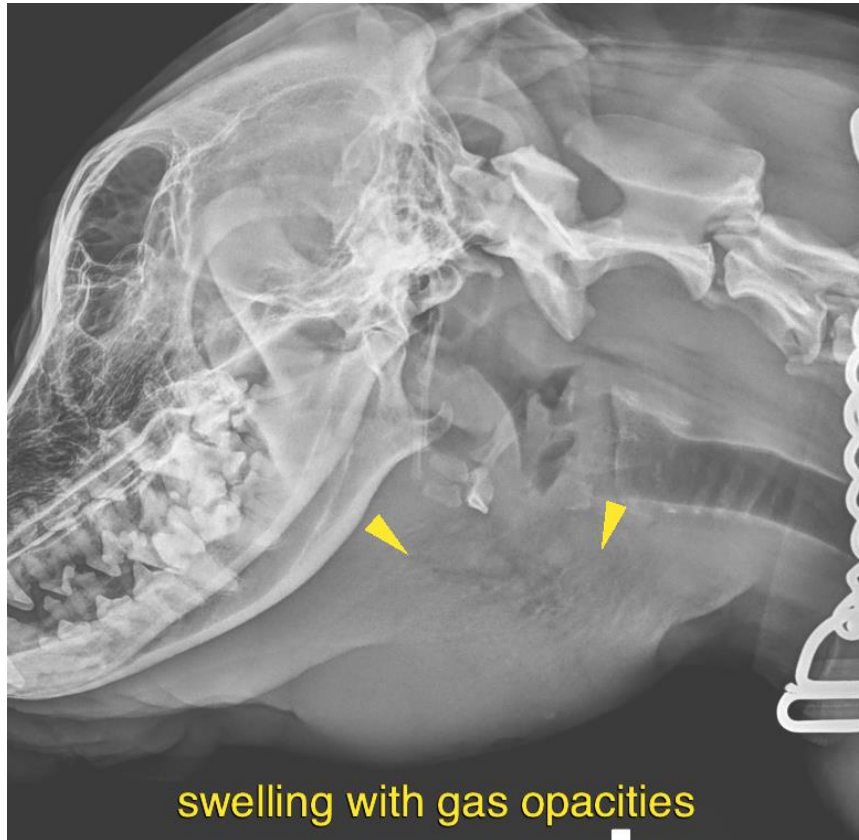
Male Neutered

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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.

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