



PATIENT PRESENTING CLINICAL SIGNS

Fatima Sanchez History: Diarrheas con sangre. Patient presented due to anorexia for 3 days and diarrhea. Owners traveling and patient with caretaker. Noticed salivating more than usual. History of injections NSAIDs 2 years ago and since then CREA no reading. Swelling neck ventrally prominent left side soft to firm R/O mass (thyroid) vs abscess secondary pancreatitis

SPECIES

Canine Abnormal PE/Chem/CBC/UA Results: cbc mild anemia HCT 35%, high WBC 23/NEU 19Chem CREA no reading, BUN normal 19, AMY 2500>, LIPA 6000 >T4 low 0.6 SDMA high 18

BREED

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL, THORAX AND ABDOMEN

Portuguese Water Dog A high-resolution plain CT study of the skull is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

Spayed Female

The tooth elements 201 & 202 are absent. Triadan 109 presents a moderate widening of the periodontal space.

AGE

7 Years

There is a generalized moderate to marked subcutaneous swelling along the left aspect of the skull with fat-stranding of the subcutaneous fat. In the left retropharyngeal region, a large, ill-defined soft tissue swelling is appreciated – region of the left medial retropharyngeal lymph node. Significant fat-stranding and swelling of the fat in the left retropharyngeal region is seen. The larynx and trachea are displaced to the left by the mass effect. The left superficial cervical lymph node is prominent.

INTERPRETED BY

The left mandibular lymph nodes are prominent.

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

HOSPITAL NAME

Veterinary Image Center

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

REFERRING VET

Dr. J. Walker/Dr. F. Ortiz

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

The thyroid glands present with the physiological mild hyperattenuating pattern and are within normal limits for size and shape.

INVOICE

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Suspect marked lymphadenopathy left medial retropharyngeal lymph node with surrounding (septic) steatitis
- Lymphadenopathy mandibular and left superficial cervical lymph nodes
- Edema left aspect of the skull

DATE

1/7/22



PATIENT

- Periodontal disease 109
- Absent tooth elements 201 & 202

Fatima Sanchez

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

BREED

Portuguese Water Dog

The findings are suggestive for significant inflammatory changes in the left retropharyngeal area, possibly originating from the left medial retropharyngeal lymph node. Unfortunately, further definition and detection of potential cavitory lesions is not possible in the plain CT study. Theoretically neoplastic transformation such in case of mast-cell tumor is a consideration as well. The increased WBC is increasing the odds for inflammatory origin. An ultrasound examination including FNA sampling would be ideal for further definition and to screen for foreign material or fluid pockets, warranting surgical drainage.

Secondary reactive hyperplasia of the regional lymph nodes.

TECHNICAL COMMENTS

SEX

Spayed Female

As diagnostic value is limited in plain CT study only, I would recommend always adding a post contrast study. If the patient is kept well hydrated by iv fluids, the odds for potential negative effect of contrast media on the kidneys are very low - also in patients with renal insufficiency.

AGE

7 Years

INTERPRETED BY

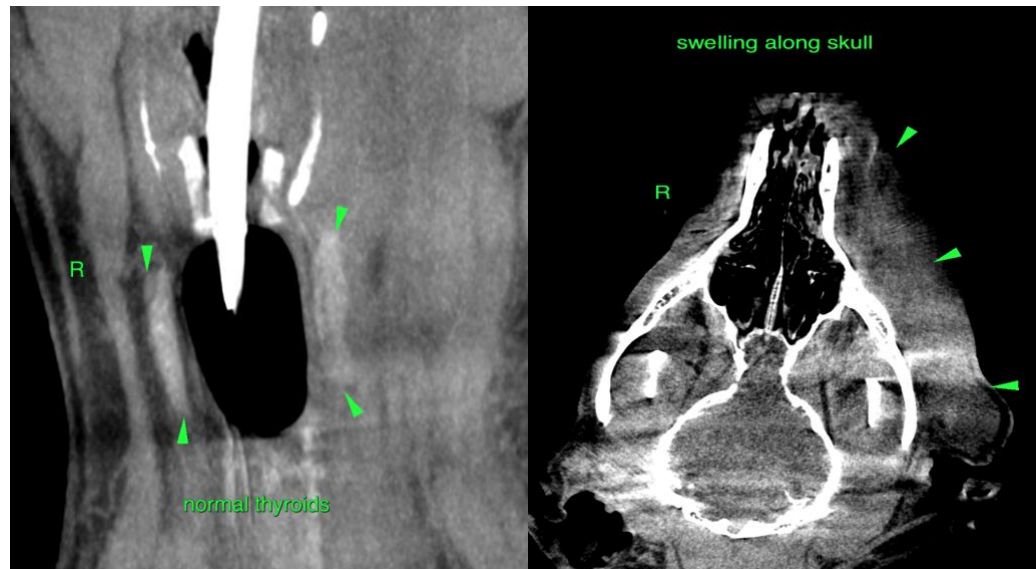
Sebastian Schaub,
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DipECVDI

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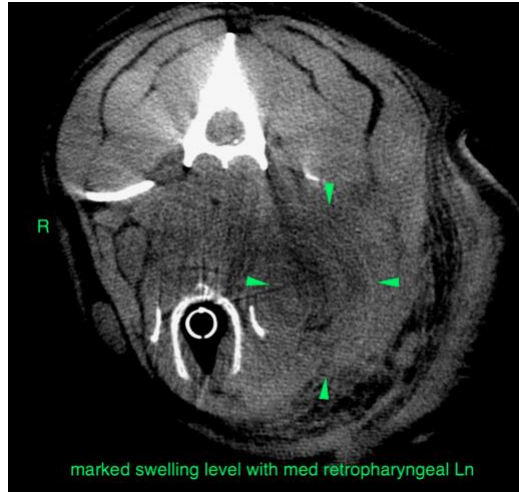
Fatima Sanchez

SPECIES

Canine

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Portuguese Water
Dog



SEX

Spayed Female

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

AGE

7 Years

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

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REFERRING VET

Dr. J. Walker/Dr. F.
Ortiz

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