



**PATIENT PRESENTING CLINICAL SIGNS**

Mia Luna History: Sneezing bloody mucus the last three weeks, high liver values  
Abnormal PE/Chem/CBC/UA Results:

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL & ABDOMEN**

Canine A high resolution pre- and post-contrast CT study of the abdomen and a plain CT study of the skull are provided for review.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

Chihuahua **Skull**

**SEX**

Electronic imaging markers are flipped, R is indicating the left side of the patient and vice versa.

Spayed Female

Triadan 105, 106, 205, 206, 301-303, 307, 311, 401, 402, 407 and 411 are absent.

**AGE**

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

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

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 brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for the attenuation.. The ventricular system is non-dilated and symmetric.

**HOSPITAL NAME**

Scottsdale VC

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation pattern is uniform.

**Abdomen**

**REFERRING VET**

Dr. D' Monte

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

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Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

The adrenal glands are within normal limits for size, shape and organ architecture.

**DATE**

10/27/22



**PATIENT** Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

Mia Luna

The portal vein presents a normal order of its tributary veins and intrahepatic branching. No abnormal vessel is noted inside and outside of the liver parenchyma.

**SPECIES**

Canine

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

**BREED**

Chihuahua

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

The bony and surrounding soft tissue structures reveal no abnormalities.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**SEX**

Spayed Female

- Destructive rhinitis
- Multiple absent teeth
- Normal abdomen

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The computed tomographic findings are compatible with destructive rhinitis, an underlying cause cannot be specified (e.g. oronasal fistula formation) and the presumptive diagnosis is non-specific rhinitis (e.g. lymphocytic plasmocytic, eosinophilic) ± bacterial or less likely mycotic superinfection. Recommend thorough dental examination to rule out underlying dental disease entirely and rhinoscopy including biopsy can be used as advanced diagnostic tool to confirm the diagnosis. Possible causes of the rhinitis/sinusitis can be either viral or immune-mediated (most common form would be lymphocytic-plasmacytic) rhinitis with bacterial superinfection. The changes noted are not typical of fungal rhinitis or a foreign body related rhinitis. There is no evidence of neoplastic disease.

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No abnormality, of the liver is appreciated, explaining the increased liver values. Ultrasound guided FNA sampling of the liver can be used as advanced minimally invasive diagnostic tool.

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**PATIENT**

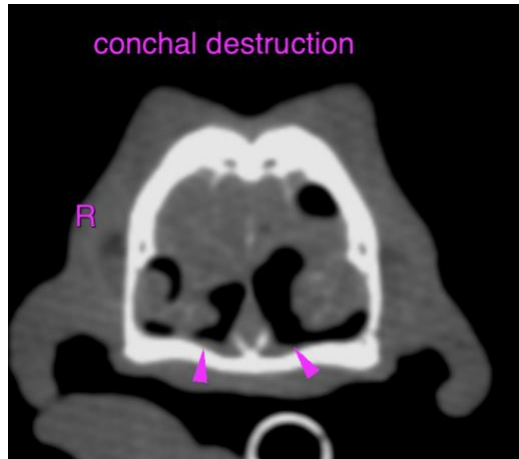
Mia Luna

**SPECIES**

Canine

**BREED**

Chihuahua



**SEX**

Spayed Female

**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.**

**AGE**

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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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