



PATIENT PRESENTING CLINICAL SIGNS

Sophie Pegram Chronic upper respiratory Dz, suspect dental Dz vs chronic rhinitis or other.
Abnormal PE/Chem/CBC/UA Results: Nasal discharge, increased respiratory rate

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

Guinea Pig A high resolution plain CT study of the skull and thorax are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED Mild to moderate motion artefacts are appreciated along the skull and the thorax, blurring the osseous structures.

Guinea Pig Skull

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

SEX In the nasal cavity bilaterally, a moderate amount of soft tissue material is attached to the mucosal lining. Destruction of the nasal conchal structures is appreciated.

Female

Both tympanic bullae are filled with soft tissue attenuating material. The external ear canals are within normal limits.

AGE No additional abnormalities are appreciated along the

3 Years, 3 Months Thorax

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Small gas inclusions are seen along the caudal brachial musculature bilaterally – consistent with preceding intramuscular injection

The cardiovascular structures including the pulmonary vasculature are within normal limits.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

HOSPITAL NAME

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The lung parenchyma presents the expected architecture and attenuation behavior, but zones of dystelectasis of the dependent aspects of the lung.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

REFERRING VET

Meaux

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Destructive rhinitis
- Otitis media
- Dystelectasis of the lung
- Normal dentition

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

1-5-23

An underlying cause for the rhinitis is not appreciated and primary bacterial rhinitis (e.g. Bordetella bronchiseptica or Chlamydia caviae) is considered likely with secondary ascending infection of the middle ear bilaterally. Primary allergic rhinitis with bacterial superinfection might be a consideration as well. Recommend sampling for microbial culture.



PATIENT The thorax presents without clinically relevant abnormalities.

Sophie Pegram

SPECIES

Guinea Pig

BREED

Guinea Pig

SEX

Female

AGE

3 Years, 3 Months

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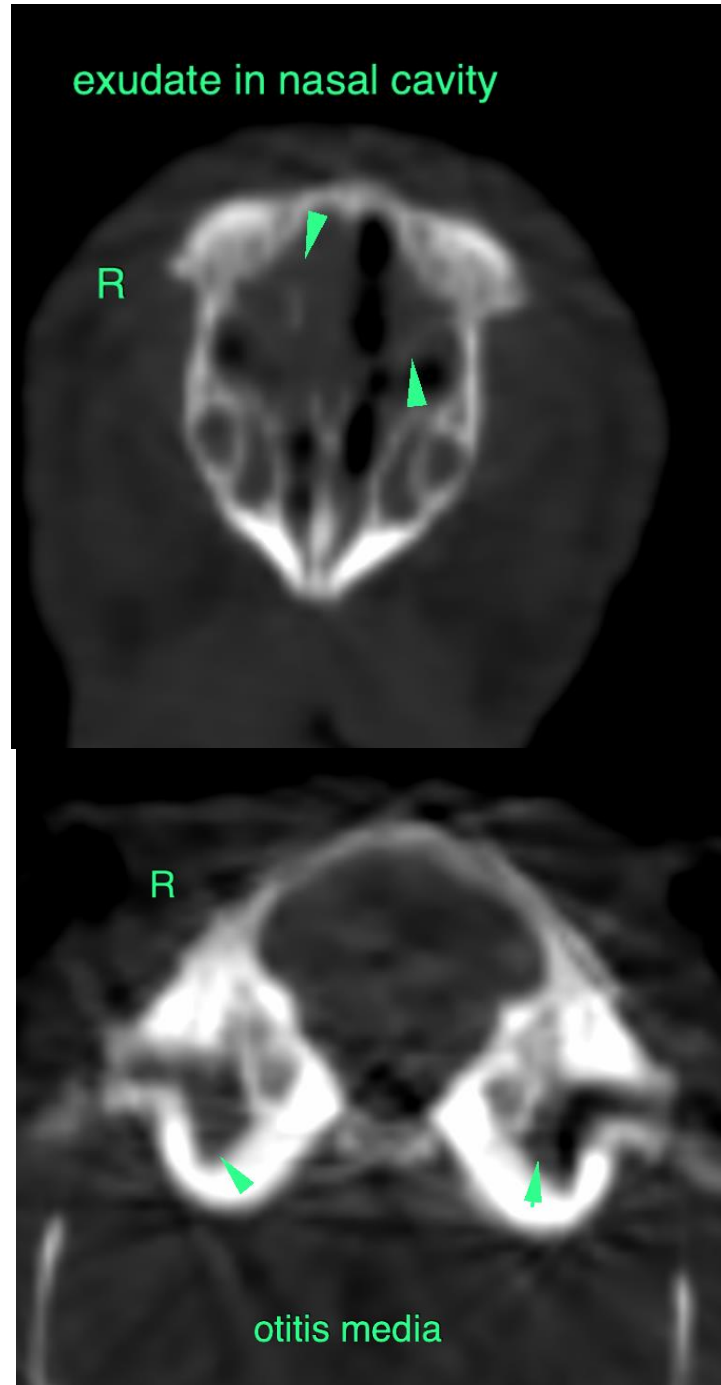
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PATIENT

Sophie Pegram

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.

SPECIES

Guinea Pig

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.

BREED

Guinea Pig

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SEX

Female

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