



PATIENT PRESENTING CLINICAL SIGNS

Lily Berman Seizures

COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

SPECIES A high resolution pre- and post-contrast CT study of the skull and a post-contrast CT study of the thorax are provided for review.

Canine

COMPUTED TOMOGRAPHIC FINDINGS

BREED Skull

English Bulldog

Pronounced bradygnathia superior is appreciated. Triadan 308, 311, 405 and 411 are absent.

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. Mild aberrant conchal growth is appreciated.

SEX

FS

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

AGE

9 Years

The left external ear canal presents a moderate thickening of the wall and advanced shell like mineralization of the left external ear canal is appreciated. The lumen of the left external ear canal is mild to moderately narrowed. The left tympanic bulla is filled with non-contrast enhancing soft tissue material; the osseous lining of the left external ear canal is thickened and irregular. A defect is seen in the ventrocaudal aspect of the wall of the left tympanic bulla.

The right external ear canal presents a mild thickening of the wall and moderate mineralization.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement.

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

HOSPITAL NAME

Mobile Pet Imaging
CFL

Thorax

The thoracic spine presents with multiple hemivertebra.

The mediastinum is significantly distended by fat.

REFERRING VET

Borecky

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

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

INVOICE

52419

The lung parenchyma presents a generalized mild decreased volume and the lung parenchyma has mild to moderate generalized ground glass attenuating pattern.

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

DATE

6-13-22

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Bilateral chronic otitis externa with dystrophic mineralization, L>R



PATIENT

Lily Berman

- Left sided chronic otitis media
- Mild aberrant caudal nasal conchal growth
- Multiple absent teeth
- Multiple hemivertebra thoracic spine
- Normal appearing brain

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

In the present study of the brain, there is no evidence of macromorphological disease, which is supporting the presumptive diagnosis of idiopathic epilepsy.

BREED

English Bulldog

If not yet done so the workup should be complemented by examination of CSF and complete bloodwork to screen for brain disease that is not necessarily associated with structural changes of the brain parenchyma and rule out hepatoencephalopathy and other systemic illness. In case of the strong clinical suspicion of structural intraparenchymal changes an MRI may be considered.

SEX

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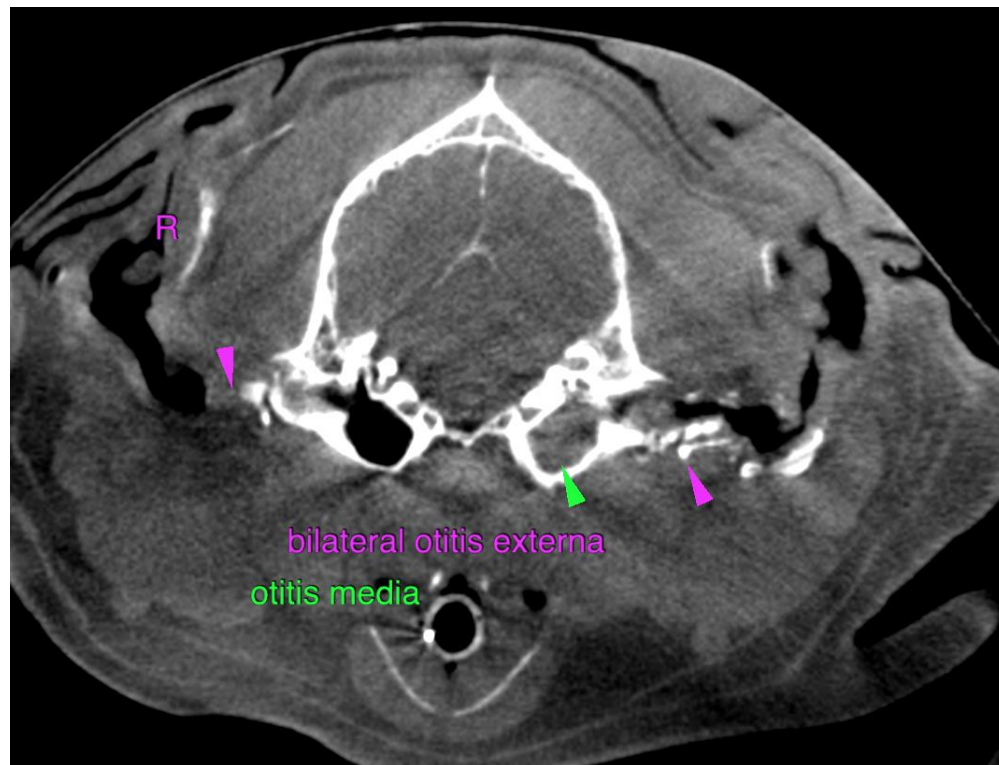
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PATIENT

Lily Berman

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

Canine

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

BREED

English Bulldog

SEX

FS

AGE

9 Years

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