



PATIENT PRESENTING CLINICAL SIGNS

Bunny Irizarry History: Pet developed chronic persistent ear infection, since May 2021, worst in right ear, has been treated with numerous ear medications without resolution. Hx of cardiac disease, grade III/VI systolic murmur, stable with Pimobendan. On 8/14/21, seizures had worsened, Pred/Clavamox and Levetiracetam were added to treatment. At recheck 10 days later, owner says intensity and frequency of seizures has improved much, but, pet has sporadic nystagmus that develops (horizontal, fast phase to the right). Needs evaluation of brain/otic system.

SPECIES

Canine

BREED

Abnormal PE/Chem/CBC/UA Results: CBC --- wnl CHEM --- TP mild increased ALT and TBIL mild increased

Pomeranian

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

SEX

A high resolution pre- and post-contrast CT study of the skull is provided for review.

Spayed Female

COMPUTED TOMOGRAPHIC FINDINGS

The tooth elements 311 and 411 are absent.

AGE

9 Years

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

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

The right tympanic bulla is filled with fluid attenuating material. The volume of the right tympanic bulla is moderately increased and the osseous lining presents moderate osteolytic lesions with multifocal perforations of the wall. The osseous labyrinth shows of the right temporal bone presents moth eaten osteolytic lesions. The right external ear canal contains a mild to moderate amount of non-contrast enhancing material and the wall of the right external ear canal is moderately thickened and contrast enhancing.

HOSPITAL NAME

Veterinary Image
Center

The horizontal segment of the left external ear canal presents segmental moderate narrowing and a mild amount of soft tissue attenuating material is attached to the wall. A mild amount of non-contrast enhancing material is attached to the mucosal lining of the left external ear canal.

REFERRING VET

Dr. N. Bobe

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 ventricular system is non-dilated and symmetric.

INVOICE

12773

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.

COMPUTED TOMOGRAPHIC DIAGNOSIS

DATE

8/26/21



PATIENT

Bunny Irizarry

- Right sided otitis media with moderate destruction of the osseous lining and evidence of ipsilateral otitis interna
- Right sided otitis externa
- Left sided mild otitis externa and media

SPECIES

Canine

- Suspect segmental stenosis of left external ear canal
- Absent triadan 311 & 411
- Structural normal brain

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Pomeranian

The findings are compatible with right sided active otitis media and likely interna with remodeling of the associated osseous structures. The otitis media can be secondary to descending infection by perforation of the tympanic membrane. Theoretically cholesteatoma is a differential, but considered less likely. A right sided total ear canal ablation with lateral bulla osteotomy is considered the therapy of choice.

SEX

Spayed Female

At this point conservative management of the left sided otitis externa appears adequate, however surgical options can be discussed if clinical signs are refractory to therapy.

AGE

9 Years

No abnormalities of the brain are appreciated, however if there is a recent onset of seizure activity, meningitis/meningoencephalitis due to otitis media/interna is still a potential. If not done so yet, recommend complementing workup by a CSF tap. In case of strong clinical suspicion for intraparenchymal changes of the CNS, an MR study is recommended.

INTERPRETED BY

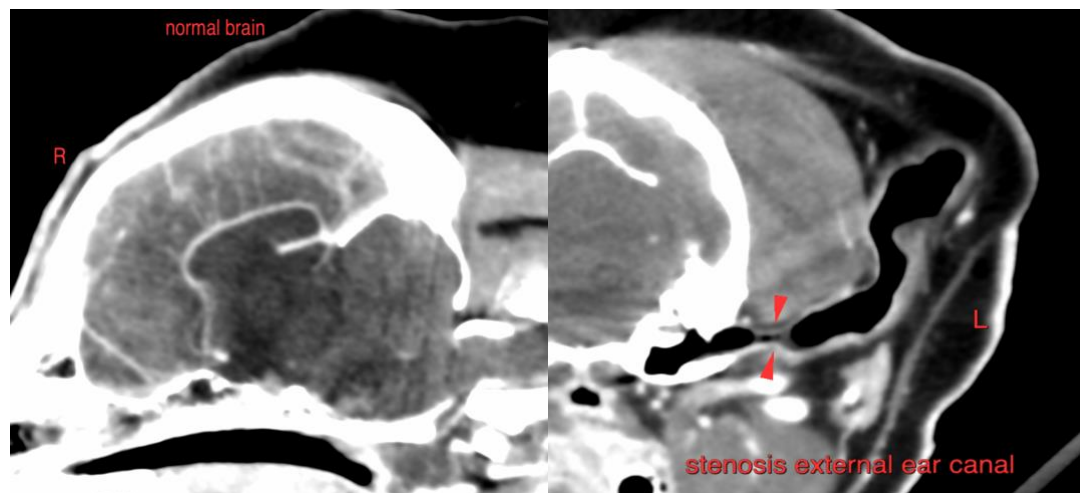
Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

Dr. N. Bobe



INVOICE

12773

DATE

8/26/21



PATIENT

Bunny Irizarry

SPECIES

Canine

BREED

Pomeranian

SEX

Spayed Female

AGE

9 Years

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

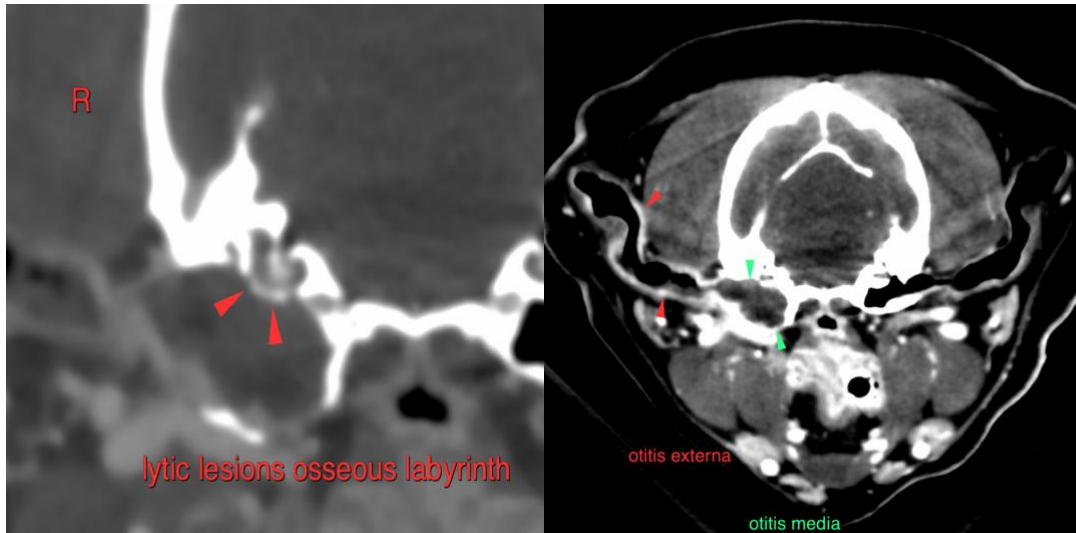
Dr. N. Bobe

INVOICE

12773

DATE

8/26/21



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.

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