

Xoran is passionate about helping animals and supporting veterinarians

**A cat presented with a head tilt and signs of discomfort.**

Physical exam of the ears showed inflammation, and endoscopic exam revealed severely thickened pars tensa, hyperplastic pars flaccida, anterior retraction causing PRONOUNCED manubrium of malleus, and LATERAL malleolar process.

A VetCAT CT scan was taken to evaluate the severity of the disease and to visualize the extent to which it had invaded the hidden structures in the middle and inner ears. **(Figure 1).**

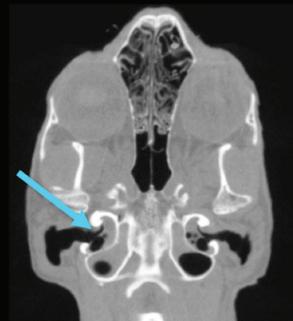
The VetCAT high resolution coronal and axial views showed the precise extent of the disease in both ears. The bulla was inspected carefully prior to surgery. The left side **(Figure 2)** was more advanced than the right side **(Figure 3)**, but both required surgical intervention.



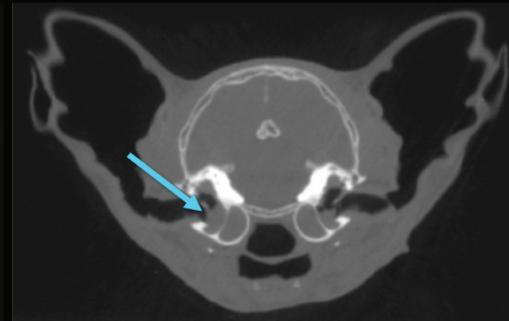
Surgery was performed in which the middle ear effusion (glue ear) was successfully treated.



**Figure 1**



**Figure 2**



**Figure 3**

Courtesy of: **Dr. Munir Kureshi, DVM, [PetEarCareCenter.com](http://PetEarCareCenter.com) Cupertino, CA**



# VETCAT 3D ENABLES VISUALIZATION OF TUMOR BORDERS TO ENSURE COMPLETENESS OF TUMOR REMOVAL

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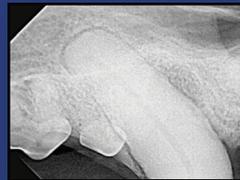


**Sasha the dog presented with a significant gingival lesion in the area of her maxillary canine.**

She was diagnosed with squamous cell carcinoma and treated with chemotherapy to reduce the size of the tumor. Surgery was required to remove the remaining lesion.

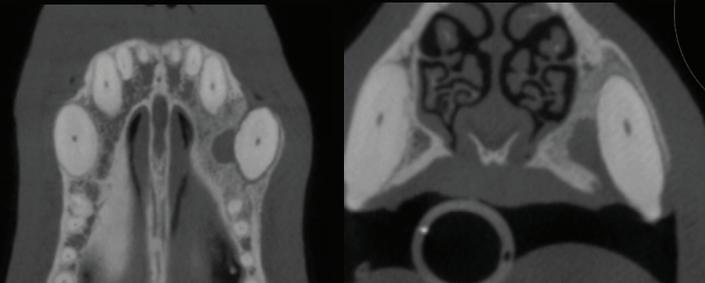


**The challenge was to ensure the entirety of the tumor was removed while minimizing the extent of the cuts to the surgical borders.**



2D x-rays had limited value when attempting to predict the extent of the defect.

VetCAT high resolution coronal and axial views show the exact extent of the disease.



**Immediately following VetCAT scanning, a predictable surgical approach is successfully completed.**

**Sasha is doing well, thanks to careful planning and high quality, immediate imaging with VetCAT.**

Courtesy of:

**Dr. Kris Bannon, DVM, FAVD, DAVDC** - Veterinary Dentistry & Oral Surgery of New Mexico  
VetDentistryNM.com

