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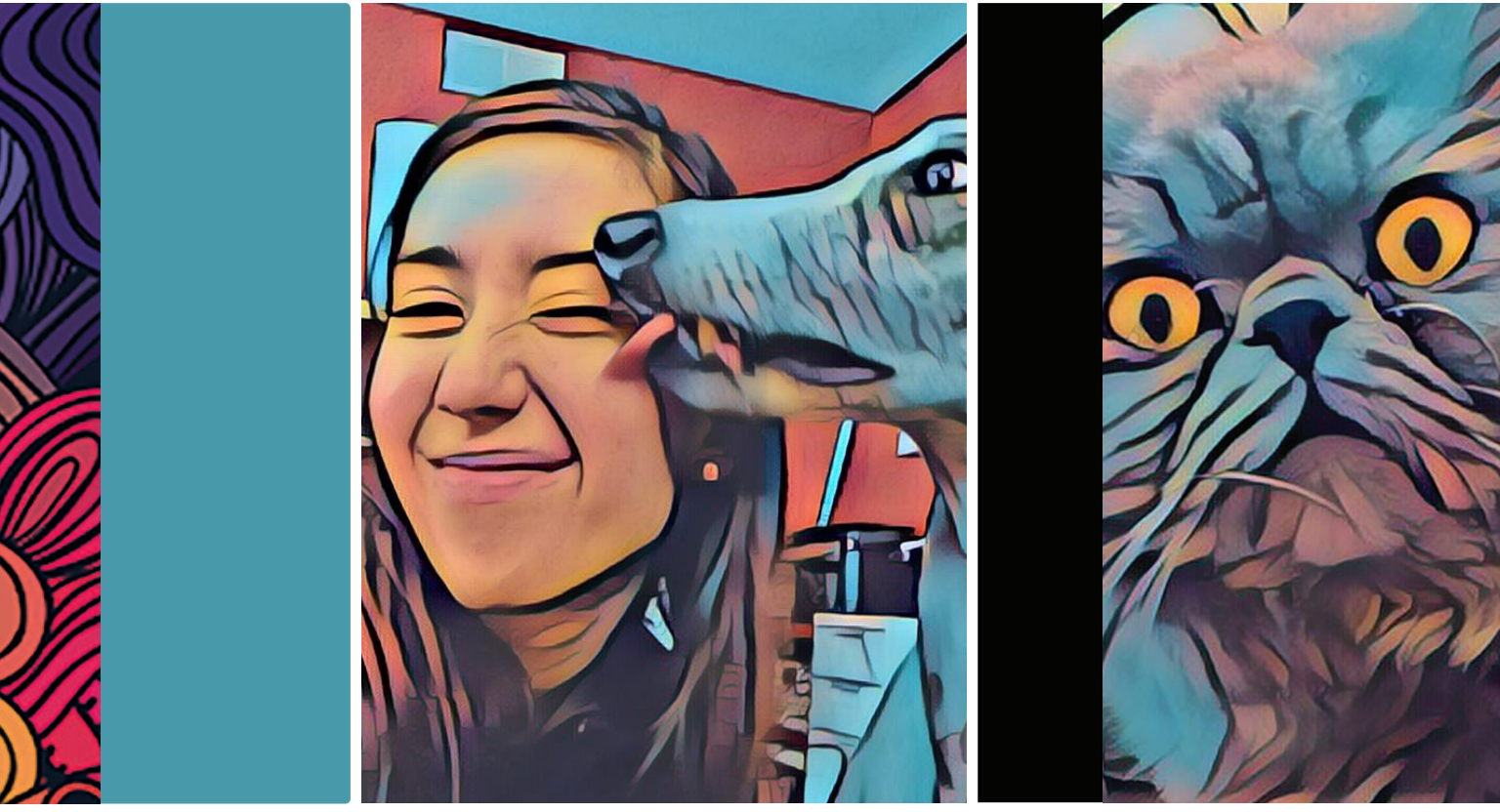

VetCAT Portable CT

for Veterinarians

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CT made simple

High-quality 3D imaging is invaluable for accurate diagnosis and treatment. VetCAT is a conebeam CT scanner designed to be used by Veterinarians and staff in the clinic.

VetCAT is small and portable—ideal for a Veterinary clinic setting. Its compact size makes it easy to store and access when you need it. With 4-wheel steering that turns on a dime, VetCAT rolls easily into position for scans on demand. VetCAT is easy-to-use and generates scans in less than one minute. Because VetCAT is self-shielded, there is often no need for a dedicated scanning room or expensive room shielding.

VetCAT™

xorantech.com

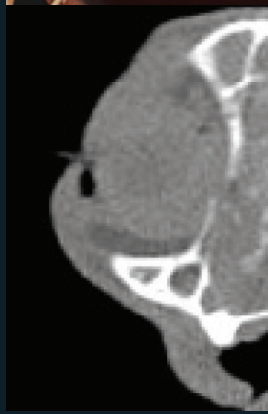
xorantech.com

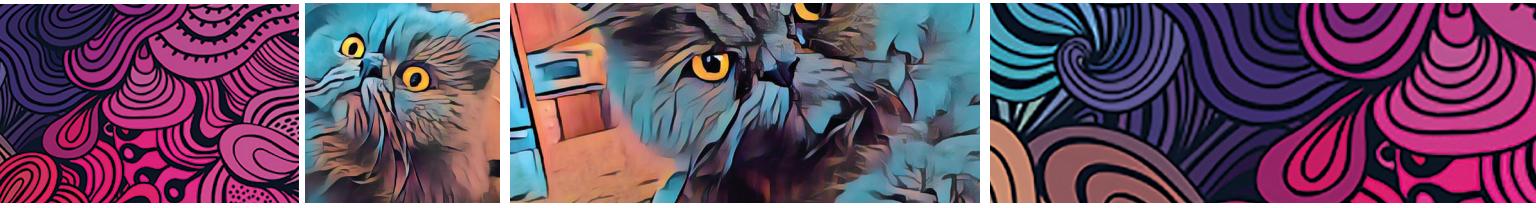
state-of-the-art imaging in the veterinary clinic

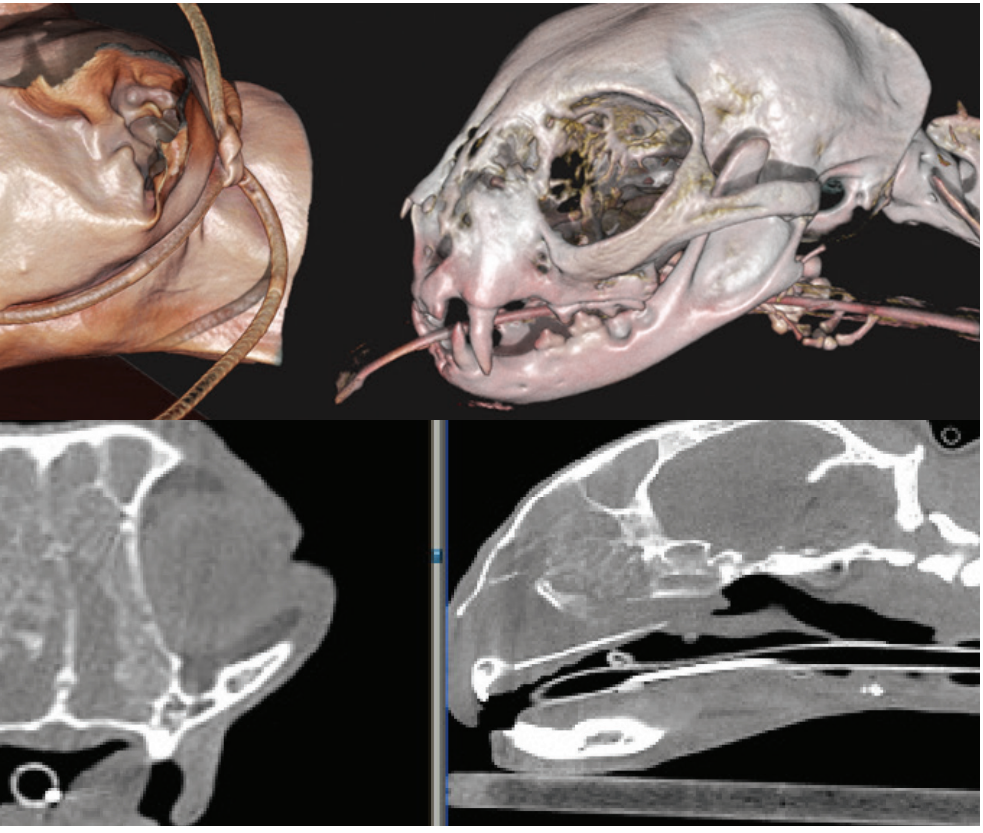
VetCAT generates high-quality, fully 3D images with submillimeter resolution and geometrical accuracy superior to multi-slice, full-body CT scanners.

Since VetCAT can be used interoperatively, it enables you to precisely visualize your surgical margins and ensure the completeness of your surgical intervention before closing.

Medical head and neck surgeons have reported that, when they use Xoran's CT technology, they have altered their original surgical plan and intraoperative decision-making in 25-30% of their cases.







scans on demand

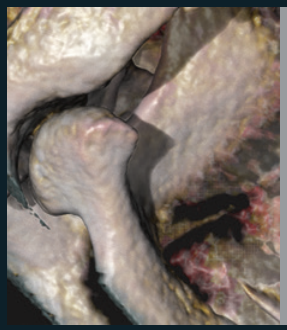
CT technology is ideal for providing high-quality, 3D images. But full-sized CT scanners are expensive and impractical in a Veterinary clinic setting. Outsourcing your patients for CT scans to remote imaging providers delays diagnosis and treatment, and causes stress to your patient and the owner. VetCAT gives you control over the timing and quality of your scans—at your patient's point-of-care.

VetCAT equips you with an easy-to-use, fast, non-invasive tool to accurately assess your patient's condition in real time during exams.

turn on the light

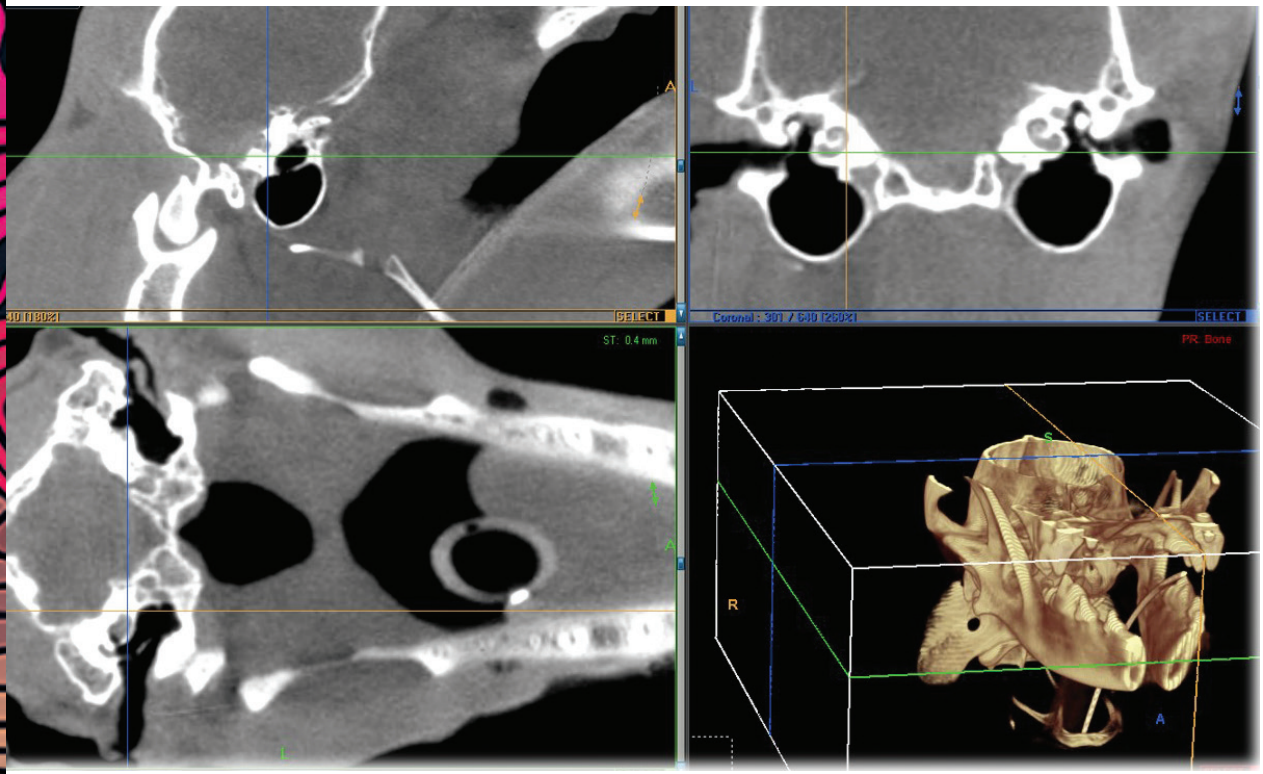
2D x-ray

VetCAT 3D



instant viewing

Discover the disease you may have otherwise missed. While 2D x-ray systems give you a basic, planar view of the anatomy, they do not allow you to see what lies behind and around the region of interest. VetCAT enables you to view the anatomy in all three planes, giving you a more complete picture of your patient's condition, and enabling you to better understand the anatomy you are about to approach clinically. Armed with high-quality 3D images, you can avoid delays and uncertainty and work more efficiently and effectively.



view scans in real time on VetCAT's built-in monitor

push to PACS via DICOM

access scans from any computer via XoranConnect

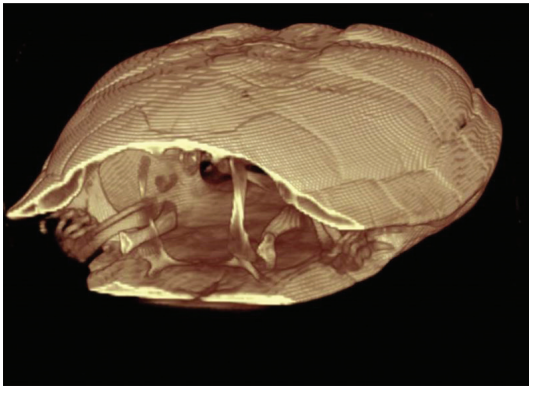
xorantech.com

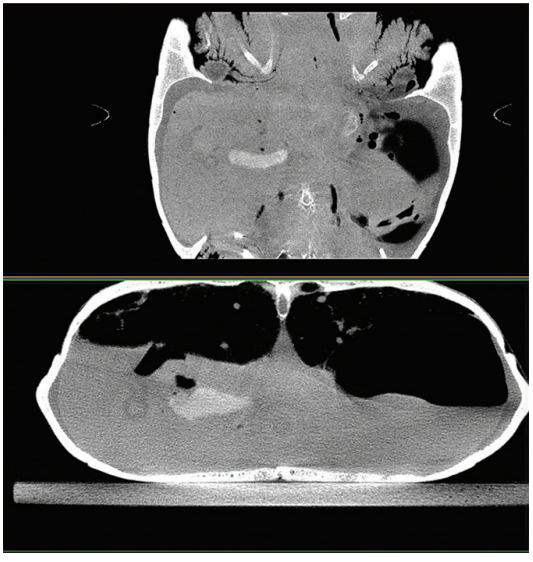
share scans with owners

Once you have a diagnosis and treatment plan in mind, VetCAT makes it easy for you to share images of your patient's condition with the owner, so they can better understand the nature of their pet's injury or disease. This empowers them to authorize treatment and knowledably and proactively assist with post-treatment, compliance.

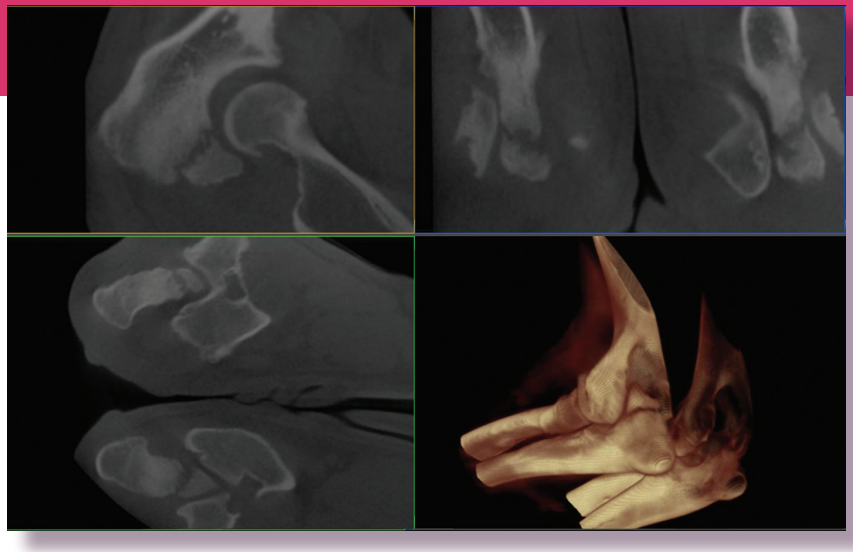
BETTER THAN 1000 WORDS


Medtronic

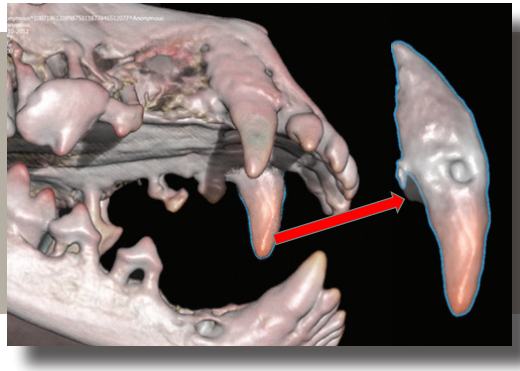




see what you've been missing

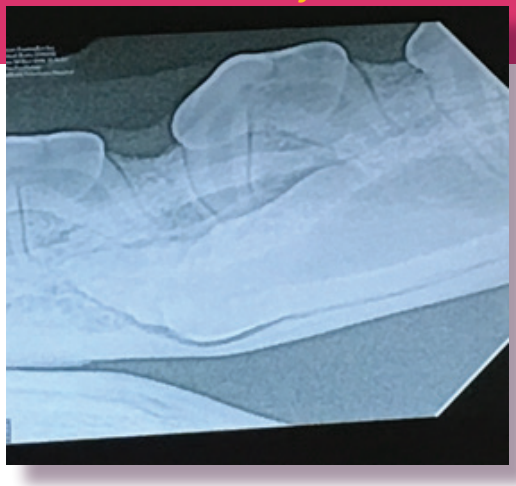


VetCAT cross-sections and 3D rendering

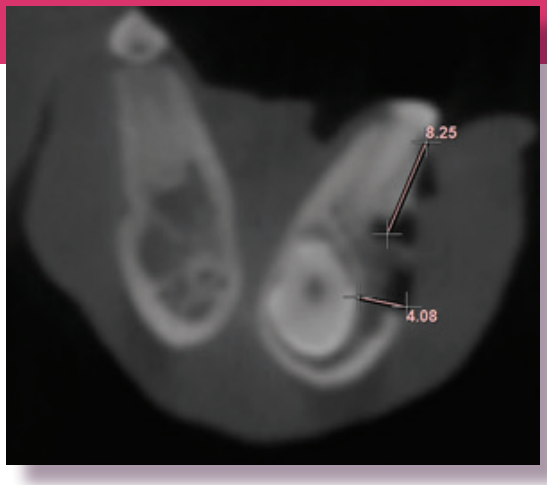


This VetCAT image was obtained on a canine patient undergoing treatment for periodontal disease, enabling clear visualization of root resorption.

2D x-ray

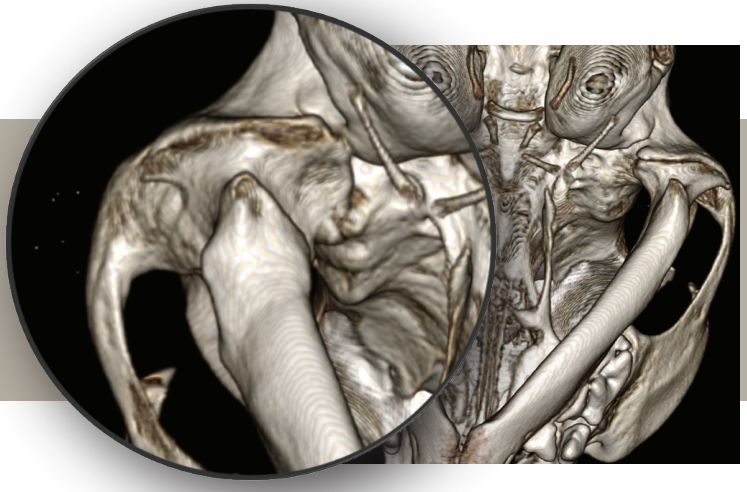


VetCAT CT

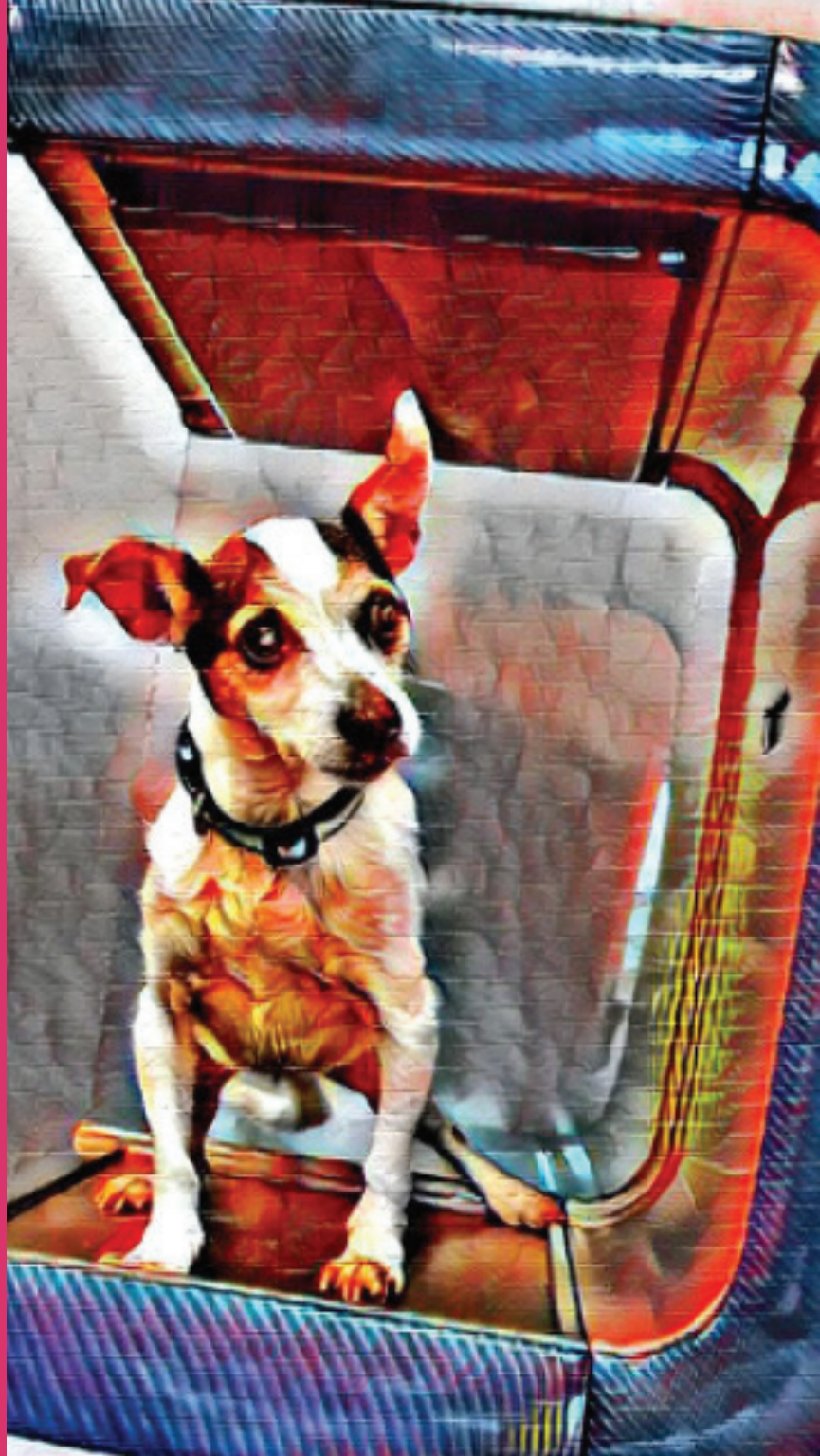


No more exploratory surgeries with VetCAT cross-sections

VetCAT 3D rendering of this temporomandibular joint shows significant hypertrophy and loss of function.

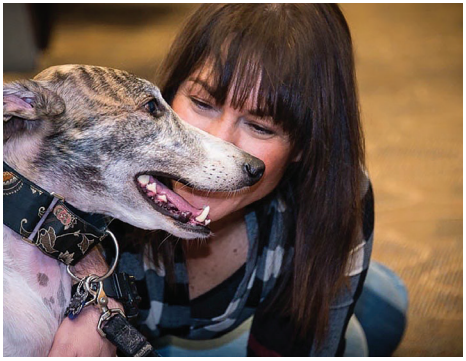


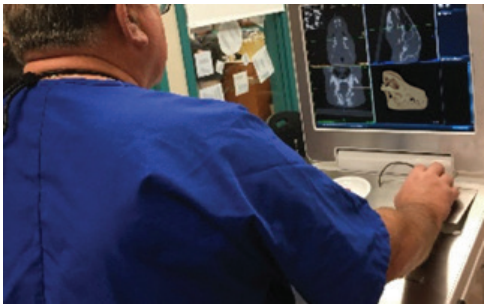
a sound investment



educate owners

Owners are more likely to invest in clinical treatment and surgical intervention if they can see and understand the nature of their pet's injury or disease.





bill for scans

Supplement your revenue by billing for on-site CT scans instead of outsourcing imaging to 3rd party providers.

increase referrals

With VetCAT advanced imaging technology in your clinic, you can grow your practice through referrals and patient reviews.

technical specifications

Radiation Shielding	Self-shielded
Field-of-view, Axial	~14 cm
Field-of-view, Cross-sectional	~24 cm
Slice Thickness	≥ 0.1 mm
Reconstruction Time	<60 sec. / 600 frames
Compatibility	DICOM, PACS, WORKLIST
Electrical	120v/220v standard outlet
Patient Holder Composition	Carbon Fiber
System Dimensions	32” x 47” x 60”
Weight	482 lbs
Gantry Opening Dimensions	16” x 21.5” x 17”
Gantry Rotation	360°
Mobility	Battery-operated during movement
Data Backup	Automatic via XoranConnect

360 degree
gantry rotation

self-shielded

reconstruction
< 1 min

slices ≥ 0.1 mm

field-of-view
24cm x 14cm

xoran makes the complex simple.

xorantech.com