



Portable CT
for Veterinarians

Take dentistry to the next level in your practice.

VetCAT repays itself in no time!

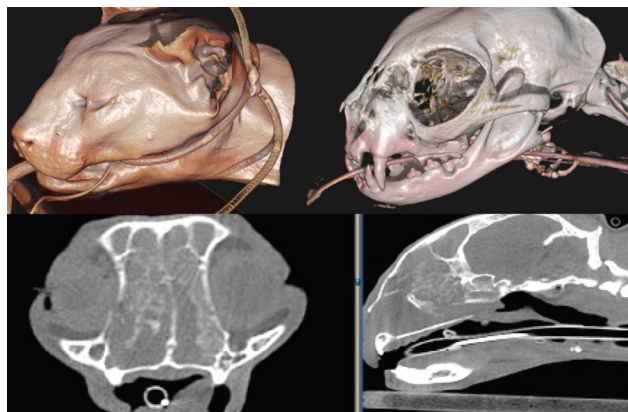
Scan revenue into your practice by billing for on-site CT scans.



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.

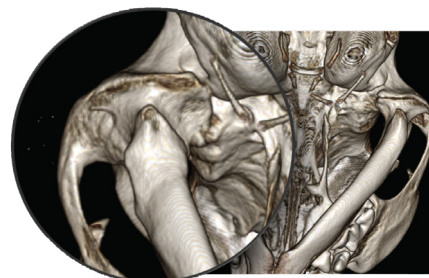
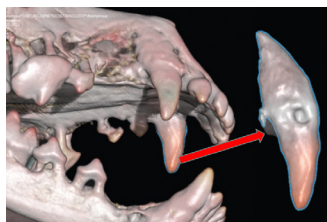
- **Self-shielded** - there is no need for a dedicated scanning room or expensive room shielding.
- **Battery-Operated & Portable** - ideal for use in any Vet clinic setting.
- **Compact** size makes it easy to store and access when you need it.
- **Easy positioning** - rolls easily into position for scans on demand.
- **Generate scans in under 60 seconds**



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

see what you've been missing

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



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



360 degree
gantry rotation

self-shielded

reconstruction
< 1 min
slices ≥ 0.1mm

field-of-view
24 x 14cm

space

Dimensions	32" W x 47" L x 60" H in (81cm x 120cm x 152cm)
Weight	450 lbs (204kg)
Effective Bore Size	25 in diameter
Gantry rotation	360 degrees

power

Line Voltage	~240V
Line Frequency	50-60 Hz
Line Current	5 A Standby
Peak Current	10 A Max

protocols

Acquisition Protocols

	Frames	Exposure	Effective Dose
Bone (full dose)	600	20 seconds	0.274 mSv
Bone 22 x 8	600	20 seconds	0.188 mSv
Bone (low dose)	300	20 seconds	0.076 mSv

Reconstruction Protocols

	Field-of-view	Resolution
Bone (full dose)	22 cm axial	0.3 mm
Bone 22 x 8	22 cm axial, 8 cm height	0.3 mm
Bone (low dose)	22 cm axial	0.3 mm
Region of Interest (ROI)	User-defined	≥ 0.07 mm

self-shielded, ultra-low radiation dose

VetCAT is self-shielded, there is often no need for a dedicated scanning room or expensive room shielding.

Radiation Dose Comparison

Sources at xorantech.com/RadiationDose

Conventional
head CT 2.0mSv/month

Mammography 0.4mSv

VetCAT 0.274 mSv
Naturally occurring
background radiation 0.26 mSv/month

