

WHY DENTAL X-RAY?

"You'd be hard placed to find another piece of equipment that ticks those elusive three boxes of good investment more effectively."

- Dramatically improves patient care and decision making
- Delivers solid profit
- Does not need a specialist level of training to deploy effectively.

Dr Dave Nicol, MRCVS.

Intraoral radiographs have revealed underlying pathology in 27.8% of dogs and 41.7% of cats where no abnormal findings were found on oral examination alone.*

Cats and dogs are their own worst enemy as they hide pain. Dental x-ray is a visual way of conveying to the owner their pets discomfort and will also effectively demonstrate asymptomatic pathology that may require treatment. The teeth might present with no abnormal findings on the surface but an x-ray demonstrating abscesses, resorption or ankylosis demonstrates to the owner that treatment is required. Finding more pathology and planning treatment will confirm your role as a caring, effective veterinary professional.

Don't ask clients if they want x-rays taken, tell them why you need to take x-rays. Human dentists take x-rays when you visit. It should be no different for a vet practice as you need to see what is happening below the gum where a whole world awaits that you just can't see without x-ray. With dental x-ray you can say with confidence that you are giving your patients the highest level of care and treatment.

The key is to make the cost of x-ray affordable for the client. Keep in mind that it takes only 5 minutes to perform x-rays for a full mouth and the animal is already sedated on the table. CR image plates have long life, low initial cost, and are reusable with consumable costs minimal. One dental per week will generate sufficient income to comfortably justify the cost of bringing dental x-ray into your practice.

Don't be limited to just dental x-ray as the CR7 has wider clinical applications. Use the large format imaging field of the size 4 and size 5 dental plates to produce high resolution extremity and exotics images. Imagine being able to identify a grass seed in a paw, or a hairline fracture of a rabbit's metatarsal. A CR7 in your practice will take your diagnostic capability to a higher level.

** Verstraete FJ et al. Diagnostic value of full-mouth radiography in dogs. AM J Vet Res 1998; 59(6): 692-5. Verstraete FJ et al. Diagnostic value of full-mouth radiography in cats. AM J Vet Res 1998; 59(6): 686-91.*

“ We had purchased a DR dental X-ray unit 5 years ago but my staff (and me) had lost energy due to the ageing software.

We have just updated to the IM3 CR7 which produces fantastic images with ease and is far superior to our old DR system.

Suddenly all the staff want to check the tooth roots before and after dentals, the energy for dental X-ray has returned to our business!

I would wholeheartedly recommend the CR7 system!”

Dr. Stephen Lindores BVSc (Hons)
Veterinary Surgeon,
Albany Creek Veterinary Surgery



Actual size - Greyhound paw CR7 size 5 image plate



CR7 Vet Dental X-Ray

- Unsurpassed high resolution 25 lp/mm, Laser spot 12,5um, 1270dpi
- Scans a range of intra oral plates from 0 - 5
- Specially designed rabbit image plates available
- Fast processing times (12 seconds - size 2)
- Vet dental specific software
- 10 network licenses
- 2 year warranty
- iM3 factory direct technical support



Plate No.	Size
0	2 cm x 3 cm
1	2 cm x 4 cm
2	3 cm x 4 cm
3	2.7 cm x 5.4 cm
4	5.7 cm x 7.5 cm
5	5.7 cm x 9.4 cm

The only scanner currently available worldwide with intraoral plates for rabbits

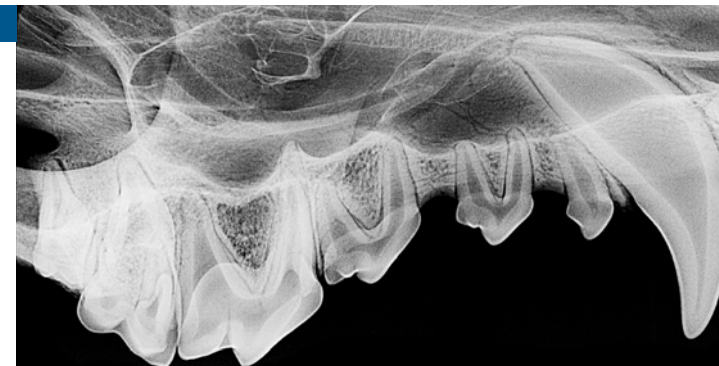
“ I have used a number of DR systems in the past, both in veterinary and human practice (Schick, Sirona, Kodak and Genoray), but I would have to say that the results and image quality that I am getting with the iM3 CR7 Vet is the best so far.

The advantages of the CR7 Vet over other DR systems when used in the veterinary environment include a unique range of plate sizes from size 0 up to size 5, which covers all pets from small to large. There is even an intraoral plate for rabbits.”

Dr. Anthony Caiafa
BVSc BDSc MACVSc
(SA Surgery and Veterinary Dentistry)



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Size Matters

Dental X-Ray - Positioning Guide

“CR7 gives outstanding radiographic images. The availability of a full range of dental plate sizes enables easy imaging of domestic cats and dogs of all sizes and shapes, even giant breeds.”

David A. Crossley
BVetMed PhD MRCVS FAVD
DiplEVDCE European and RCVS

Recognised Veterinary Specialist

Achieve a full mouth series in a medium to large size dog with just 6 x-rays!

Discover underlying pathology, increase workflow efficiency with wider clinical applications only achievable with iM3's large format size 4 and size 5 high resolution dental plates.



TEAR HERE ▶

DENTAL X-RAY - A NEW APPROACH!

iM3 knows veterinary dentistry is an untapped goldmine in most practices. When 80% of dogs and 70% of cats over 3 years of age have some form of dental pathology*, the opportunity to generate practice income is significant. Dental x-ray is an extremely powerful tool for both recognising, diagnosing and treating pathology that is difficult to find on oral examination as the pathology remains hidden below the gumline.

So why not make greater use of dental x-ray? Veterinarians are often taught to use a size 2 plate and take 14 x-rays utilising the bisecting angle technique to achieve a full mouth series on a medium size dog. Use of the size 2 DR sensor was adopted from human dentistry, becoming the only available size option for vets.

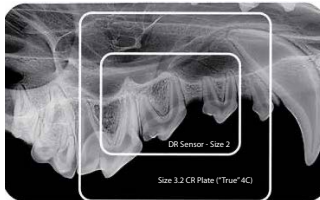
DR is time consuming and therefore more expensive. It is often difficult and a hassle to take 14 x-rays utilising the bisecting angle technique with the small size 2 DR sensor. Generally, x-rays are only taken when a problem is perceived on oral examination with a tendency to only x-ray the teeth identified with pathology.

As veterinary dentistry becomes a greater part of small animal practice, dental x-rays will become a standard of care. The goal in your practice should be to take a full mouth series for each dental patient. What is required is a simple, fast and cost effective method for taking dental x-ray that reduces the challenge of the bisecting angle technique.

Forget trying to use a size 2 dental plate to x-ray a full mouth. DR is old technology that has limitations due to the fragility, small image field and high cost of the size 2 sensor. CR plates have a long life and are low cost. The large format size 4 and size 5 dental plates for the CR7 make it possible to substantially reduce the number of x-rays required for a full mouth series.

The next 2 pages will demonstrate how to take a full mouth series on a medium to large dog in under 5 minutes with just 6 x-rays! With this new technique there are only two angles you need to remember, 45° and 55°. It is that simple!

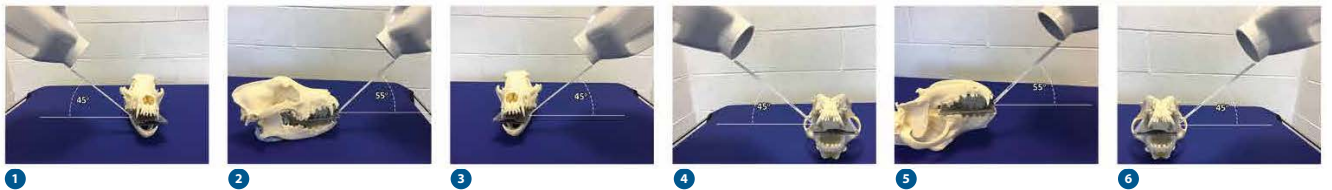
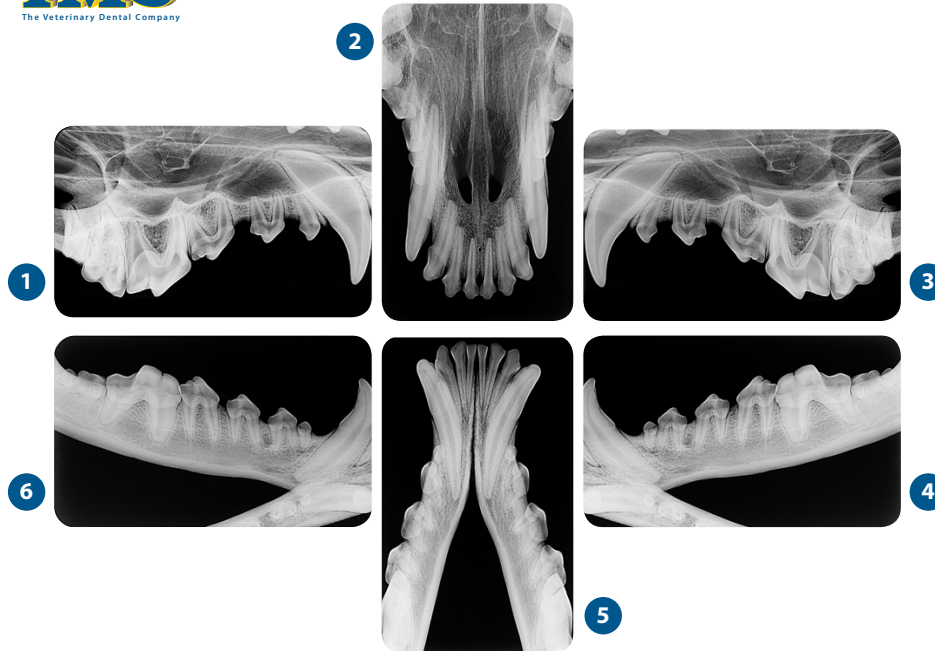
*American Veterinary Medical Association 2006.



Size 5 CR Plate (Actual Size) - only for the iM3 CR7 VET

“ The iM3 CR Scanner is my primary radiographic system in our veterinary dental referral clinic. I find this CR system very useful and I think that the quality of the pictures is outstanding. I've used the new size 5 film for some time now. It's a valuable addition to the wide range of plate sizes. When obtaining full mouth radiographic sets in dogs, the size 5 film gives a quick and detailed overview. It's easy to place and you still have all the fine details. Often almost a whole quadrant can be obtained in one film (canine, premolars and molars). Therefore obtaining dental radiographs in dogs is quicker and easier with the size 5 film, saving important intraoperative time.”

Jens Ruhnau,
DVM, Specialdyrlæge, Dipl.EVDC.



NOTE - Additional radiographs and different angles may be necessary for certain head types © iM3 2016

Patent Pending

IMPROVED iM3 X-Ray Positioning Kit for Cats and Dogs

X8500

Polycarbonate Bite Protectors for Size 2, Size 4 and Size 5 image plates



Feline Positioners

30°, 45° and 55° angles to give perfect distance and angle for full mouth X-rays in cats



Canine Positioners

New longer 45° and 55° angles to give perfect distance and angle for full mouth X-rays in dogs



iM3 Bi-secting Angle guide for more advanced dental X-ray projections



Canine and Feline Positioning Guide Wall Posters



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