“Be hard placed to find another piece of equipment that ticks those elusive three boxes of good investment more effectively”

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 pet’s discomfort and will also effectively demonstrate asymptomatic pathology, which may require treatment. The teeth might present with no abnormal findings on the surface but an x-ray demineralising abcesses, 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 set 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 pets 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, 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 CR7 Vet Dental X-ray system. The CR7 Vet Dental X-ray system has returned to our business!

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.

Dr. Anthony Caiafa
BVSc BDSc MACVSc
Recognised Veterinary Specialist
DiplEVDC European and RCVS

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 available worldwide with an extra-large 5 cm x 7 cm size.

Currently the only scanner currently available on the market is a DR system.

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 in the best in the market.

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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
Boarded RCVS Vet
VRcS

Dr. Anthony Caiafa
BVSc BDSc MACVSc
(5A Surgery and Veterinary Dentistry)

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 recognizing, 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 utilizing 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 utilizing 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.

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.

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