



What's New at Imaging Center for Animals

1515 Busch Parkway, Buffalo Grove, IL 60089
Phone: 847-459-7535 Fax: 847-520-4084

ICA has been with you for a few years. We want to be more present in your practice and do a teamwork with you. Through regular short newsletters we would like to introduce ourselves, inform you about new services, share good cases, communicate imaging tips, and answer any questions you may have.

**ICA offers Imaging services 5 days a week from
8:00AM to 5:00PM.**

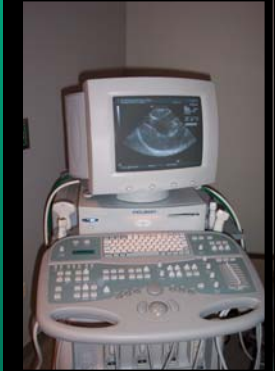
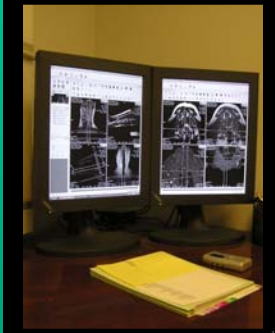
ICA is a team of 11 people: 2 radiologists Dr Renée Léveillé and Dr Elisabeth Girard. 7 technicians/assistants: Jennifer Woods (manager/head tech), Jessica Grimm, Dmitry Kopytnik, Lauren Calandra, Jolene Ebel, Sara Jendro, Krysty Mroska MRI technologist. Mary Willets secretary/receptionist and Sue Calandra, medical transcriptionist, complete the team.

COMPUTED RADIOGRAPHY AND PACS

The entire Imaging Center is now filmless. All the radiographic studies are obtained in the digital format using the Computed Radiography technology, then they are transferred to our PACS system. Computed Radiography allows higher quality of the radiographic studies, increases efficiency in daily workflow, and integrates all imaging studies for each patient. There is no more lost films!

The conversion to a non-film environment has facilitated sharing imaging information about your referred patients. As all images are digital (from radiology, fluoroscopy, ultrasound, CT, MRI), the different studies can be emailed to you very easily. Another possibility is to send you a CD with all the different studies.

When an MRI has been performed, it is not possible to email all images (as a study may include more than 200 images). In these cases, we can email you the images with the lesions or send you a CD with all the studies. The CD comes with a reading software where you have tools allowing you to manipulate the images (contrast, rotation, measurement,.....). Many rDVMs prefer the CD format. At the time of the referral, you can indicate on the request form if you would like the images of the lesions emailed to you (no charge) or burned on a CD.



ICA STAFF

Renée Léveillé,
DVM,DACVR,
Radiologist

Elisabeth Girard
DVM, Radiologist

Jennifer Woods
manager/head tech

Jessica Grimm

Dmitry Kopytnik

Lauren Calandra

Jolene Ebel

Sara Jendro

Krysty Mroska
MRI technologist.

Mary Willets
secretary/receptionist

Sue Calandra
medical transcriptionist



Treating Bone Tumors with Samarium

One new therapy is a bone-seeking, radioactive drug known as Samarium. This drug is delivered into the body by injection where it collects in bone, especially bone tumors. In low doses, the treatment provides pain relief to bone cancer patients. In high doses, samarium has been known to deliver tumor-killing doses of radiation to osteosarcoma tumors.



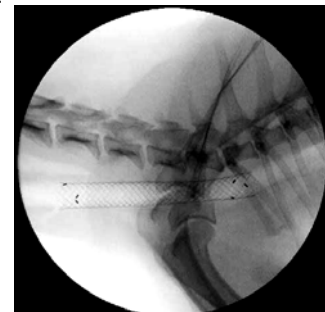
Palliative (pain relief) and even curative effects (out of every seven dogs) have been demonstrated in dogs using Samarium to treat a variety of skeletal neoplasia, both primary (osteosarcoma, chondrosarcoma) and metastatic. The lesions most likely to respond to treatment are those which have not yet broken through the cortex of the bone, small metastatic lesions (lesions < 2.0 cm in diameter), and those tumors involving the axial skeleton.

The treatment itself consists of an injection of Samarium-153, a radioactive isotope that targets rapidly growing bone cells. Samarium has a half-life of 48 hours. During the following six weeks, the Samarium remains within the tumor emitting beta rays that destroy the tumor cells. During the two-day period when the dog's urine is highly radioactive, it is kept in isolation and monitored by Radiology staff.

Treating Tracheal Collapse with Stents

When medical management has been unsuccessful, surgical correction (tracheal ring, placement of extraluminal devices...) may be offered but complications may develop. Several intraluminal stents have been developed specifically for airway collapse in humans and are now available in veterinary medicine. When your patient is referred to ICA, the magnitude of the tracheal collapse will be evaluated under fluoroscopy, and then the appropriate stent will be deployed. The procedure provides immediate relief from dyspnea.

The success rate is 95.6%. On our website, a case of collapse trachea and stent placement is illustrated. This minimally invasive method for the management of tracheal collapse provides an attractive alternative to surgery.



Contact us for more information and to discuss these new technologies and treatments.

We appreciate your referrals and confidence in our services.

We're on the web
www.vetspecialty.com