Exciting Advances in Veterinary Interventional Medicine

by Kristine McComis

The Veterinary Teaching Hospital offers the latest interventional procedures, utilizing advanced technology and the use of minimally invasive therapies.

Dr. Brian Scansen, clinical assistant professor of Cardiology and Interventional Medicine, offers procedures that are minimally invasive and reduce risk, pain, and recovery time compared with standard surgery. In addition, interventional medicine offers therapies for conditions that previously had limited treatment options. Treatments are available for cardiac patients, pulmonary problems, vascular disease, urologic issues, and cancer.

“The techniques are imaging-guided, such as with X-rays, fluoroscopy, and ultrasound, and by using wires, stents, coils, and balloons, we can compliment or even replace classic open-surgery procedures,” said Dr. Scansen.

He recently treated a nine-month old cat that had inhaled a small rock that lodged in the trachea. Since cats have small airways, the obstruction was difficult to see with the bronchoscope. Under fluoroscopy, Dr. Scansen fed a wire behind the stone and inserted a balloon, which was inflated, allowing him to remove the stone through the trachea. This technique not only solved the problem but cost the owner significantly less money than a standard surgery.

Dr. Scansen received his B.S. from the University of Washington in 2000 and his M.S. and DVM from Michigan State University in 2004. He continued on to The Ohio State University College of Veterinary Medicine and completed an internship in Small Animal Medicine and Surgery which led immediately to a three-year cardiology residency. If you would like to consult or refer a patient that may benefit from an interventional technique, please contact Dr. Scansen at 614-292-3551 or scansen.2@osu.edu. Additional information and other examples of successful interventional treatments are available at: vet.osu.edu/4925.htm
Expanded Services in Theriogenology and Reproductive Medicine

By Kristine McComis

The Veterinary Teaching Hospital is pleased to announce the expansion of the Theriogenology and Reproductive Medicine Service with the addition of Dr. Carlos Pinto, who will lead a team that will provide reproductive expertise for companion animals, livestock, and horses.

Selected services include:
- Artificial insemination using fresh, chilled, or frozen semen
- Breeding soundness examinations
- Semen cryopreservation (freezing)
- Advanced reproductive ultrasonography
- Embryo transfer
- State-of-the-art semen analysis
- Pregnancy determinations
- Management of high-risk pregnancies (including monitoring and assisted parturition)

Dr. Pinto and his team are looking forward to accepting referrals and also foresee the expanded theriogenology program advancing the teaching mission of the hospital. “As well as aiming to offer reproductive services to serve livestock, horse and pet owners, I see the program improving the training and education of veterinary students and residents who are interested in theriogenology and reproductive medicine,” Dr. Pinto said. An increase in caseload will augment the opportunities for student learning. Future plans include offering continuing education for veterinarians as well as livestock, horse and companion animal owners.

Patients are seen by appointment Monday through Friday. Appointments can be made by calling 614-292-6661. For more information regarding the Theriogenology and Reproductive Medicine Service, please visit vet.osu.edu/654.htm

Welcome New Faculty

Dr. Luci Dimick
Assistant Professor, Small Animal Community Practice
Dr. Dimick received her DVM from The Ohio State University and worked in small animal private practice for the past 10 years. Some of her primary clinical interests include canine and feline geriatric medicine as well as canine rehabilitation medicine.

Dr. Carlos Pinto
Associate Professor, Comparative Theriogenology and Reproductive Medicine
Dr. Pinto received his veterinary degree from São Paulo University in Brazil and completed his theriogenology residency and PhD at Louisiana State University. Before coming to Ohio State, he served as an Assistant Professor at North Carolina State University. His research and clinical interests include reproductive ultrasonography of male and female animals, endocrinology and hormonal therapies for estrous synchronization, semen analyses and freezing, and embryo transfer technologies. He has particular interests in canine and equine theriogenology.

Dr. Jennifer Au
Assistant Professor, Small Animal Orthopedics
Dr. Au received her B.S. from Virginia Polytechnic University and her DVM from Mississippi State University. She completed her surgical residency at Texas A&M University and was on faculty at Michigan State University. Her clinical interests include routine and minimally invasive orthopedic surgery, arthroscopic surgery, neurosurgery, and rehabilitation medicine.

Dr. Bianca Hettlich
Assistant Professor, Small Animal Orthopedics
Dr. Hettlich received her veterinary degree from Ludwig Maximilians University in Munich, Germany. She completed her small animal surgery residency and then was on faculty at Texas A&M University. Her clinical and research interests include orthopedic surgery, neurosurgery and spinal stabilization.

Dr. Christopher Adin
Assistant Professor, Small Animal Surgery
Dr. Adin received his DVM from Cornell University and completed his residency at the University of California-Davis. He was on faculty at the University of Florida and then in private specialty practice in Rochester, NY. His primary research interest is in organ preservation related to transplantation surgery, and his clinical interests include minimally invasive soft tissue surgery, including laparoscopic surgery, and complex oncolgic surgery.

Enroll Your Patients in a Clinical Trial at the Veterinary Teaching Hospital

The Clinical Trials Office (CTO) coordinates and oversees all clinical trials involving client-owned animals at the Veterinary Teaching Hospital. The CTO provides assistance in the design, execution, and evaluation of veterinary clinical trials of client-owned animals as well as helps to ensure the ethical treatment and well-being of animals enrolled in such studies. These efforts enhance the ability of clinicians and scientists to successfully conduct clinical investigations in veterinary patients with spontaneously occurring diseases.

There are many benefits to participating in clinical trials. Clients receive portions of their pet's veterinary care at reduced or no charge; patients who are enrolled in clinical trials receive frequent monitoring, compassionate care, and access to the latest leading-edge therapies available. Results of clinical trials help to advance the health of animals, which will improve the quality of life of future patients and may even lead to advances in human health. Veterinarians who would like to participate in or refer clients to clinical trials overseen by the College of Veterinary Medicine should contact Dr. Cheryl London (London.20@osu.edu). For more information visit vet.osu.edu/ClinicalTrials.htm

24 Hour Emergency Service

For more information on our new faculty, please visit: vet.osu.edu/733.htm