



July-August 2018

Update for Veterinarians



VMC to Launch Companion Animal Sports Medicine and Rehab Service

Beginning late summer 2018, referring veterinarians will be able to refer companion animal cases — primarily canine — to the newly launched Sports Medicine and Rehabilitation Service at the Ohio State Veterinary Medical Center (VMC).

While the VMC has always offered post-operative physical rehabilitation therapy for companion animals, the new service will go well beyond post-operative rehabilitation to offer a full range of services for patients with a variety of conditions, including sports performance injuries, neurologic issues, obesity, chronic pain, arthritis and other musculoskeletal issues.

Dr. Arielle Markley, a certified canine rehabilitation therapist, recently joined the VMC team, lead by **Dr. Nina Kieves**, a board-certified diplomate of the American College of Veterinary Sports Medicine and Rehabilitation (also a board-certified surgeon and CCRT). Dr. Markley's addition as the staff physical rehabilitation veterinarian enables the VMC to now offer full-time daily services.

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From the Director



I hope your summer is going well.

Here, at the Veterinary Medical Center, we are preparing for the launch of our Sports Medicine and Rehabilitation Service. We are excited about this new and comprehensive range of services to support your patients and clients.

In this issue of *Update for Veterinarians*, we share examples of the types of services you can expect, and are pleased to welcome staff physical rehabilitation veterinarian **Dr. Arielle Pechette Markley**, whose expertise will contribute significantly to this program.

We also thank the members of our practitioner advisory board for their time and talent in sharing their insights on how best to provide excellence in service to you and to your patients and clients.

Finally, we are pleased to welcome two new faculty members to our team of specialists: **Dr. Laura Selmic**, assistant professor of surgical oncology and **Dr. Selena Tinga**, assistant professor of small animal orthopedic surgery. Read more about them on page 4.

As always, we thank you for your partnership, and welcome your comments and suggestions.

Karin Zuckerman, MHSA, MBA
VMC Director

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Columbus, OH 43210

Hospital for Companion Animals:
614-292-3551

Hospital for Farm Animals and Galbreath Equine Center:
614-292-6661

Veterinary Medical Center—Dublin
5020 Bradenton Ave.
Dublin, OH 43017
614-889-8070

vet.osu.edu/vmc

Small Animal Sports Medicine and Rehab Service *continued from page 1*



Arielle Markley, DVM

Dr. Markley comes to the VMC with a broad spectrum of clinical expertise from Midwest Veterinary Sports Medicine and Rehabilitation, a practice she founded in Indianapolis in 2015, to provide mobile veterinary acupuncture, rehabilitation and sports medicine services. A 2010 graduate of Colorado State University, she has since practiced in

companion animal general/emergency centers, providing services focused on acupuncture and pain management techniques, as well as canine strength training, conditioning and sports performance. In addition to her certification as a certified canine rehabilitation therapist, she is also certified in veterinary acupuncture.

“We’ll be ready to serve a wide range of patients, including traditional post-operative rehabilitation and pain management patients who have had orthopedic, neurologic and oncologic surgeries,” Dr. Markley says of the new rehabilitation service.

“We’ll also be able to provide conservative medical management for some of the orthopedic and neurologic conditions such as intervertebral disc disease. For our geriatric patients, we will focus on improving pain control, mobility and strength and reducing obesity. We will also have the ability to provide advanced, custom orthotic, prosthetic and mobility devices, such as carts.”

The comprehensive sports medicine service, however, will make the rehabilitation program unique in Ohio and throughout the Midwest, says Dr. Markley. “Ohio has a really significant agility and sport dog community, but until now, it has been underserved.”

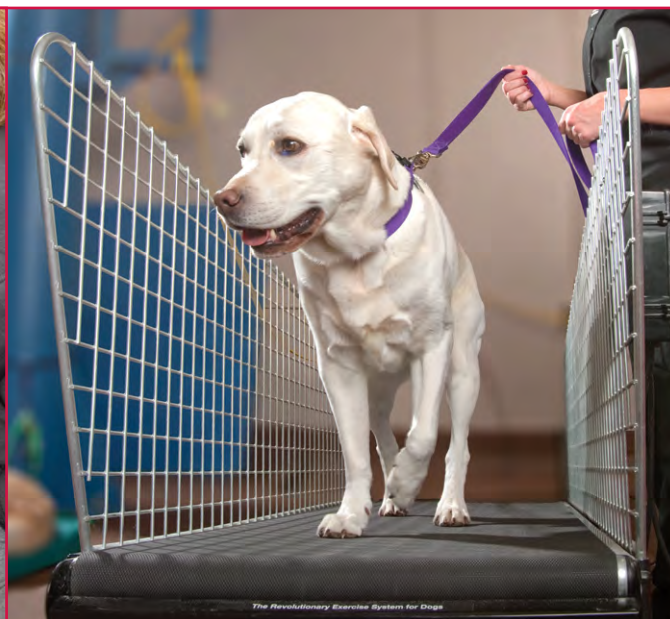
Sports medicine rehabilitation services will include the following areas:

- Fitness and soundness evaluations;
- Injury prevention and treatment;
- Rehabilitation post-injury or surgery;
- Sport retraining programs; and
- Strength and conditioning programs.

One of the benefits of being at the VMC is the ready access to cross-disciplinary collaboration with specialists in services such as surgery, nutrition and radiology, says Dr. Markley. “We can all collaborate to provide the most comprehensive treatment and diagnostic treatment options for dogs, which is what rehabilitation is ultimately all about.”

Having the specialist and services in the hospital will also help promote more targeted research in the field of sports medicine and rehabilitation, she adds.

Dr. Markley notes that multi-modal treatments will include options such as laser therapy, acupuncture, targeted exercises, electrical stimulation, underwater and land treadmill work, thermal therapies, therapeutic ultrasound, regenerative medicine and manual therapies like massage, stretching and joint mobilization. The team will also provide on-the-spot objective gait assessment using the Tekscan® system.



Thanks to our Practitioner Advisory Board!

We appreciate the members of our Practitioner Advisory Board, who contribute their time and talents to the VMC's ongoing evaluation of all aspects of the customer experience. Their frank assessment helps us provide the best service to referring veterinarians and your patients and clients.

Practitioner Board Members

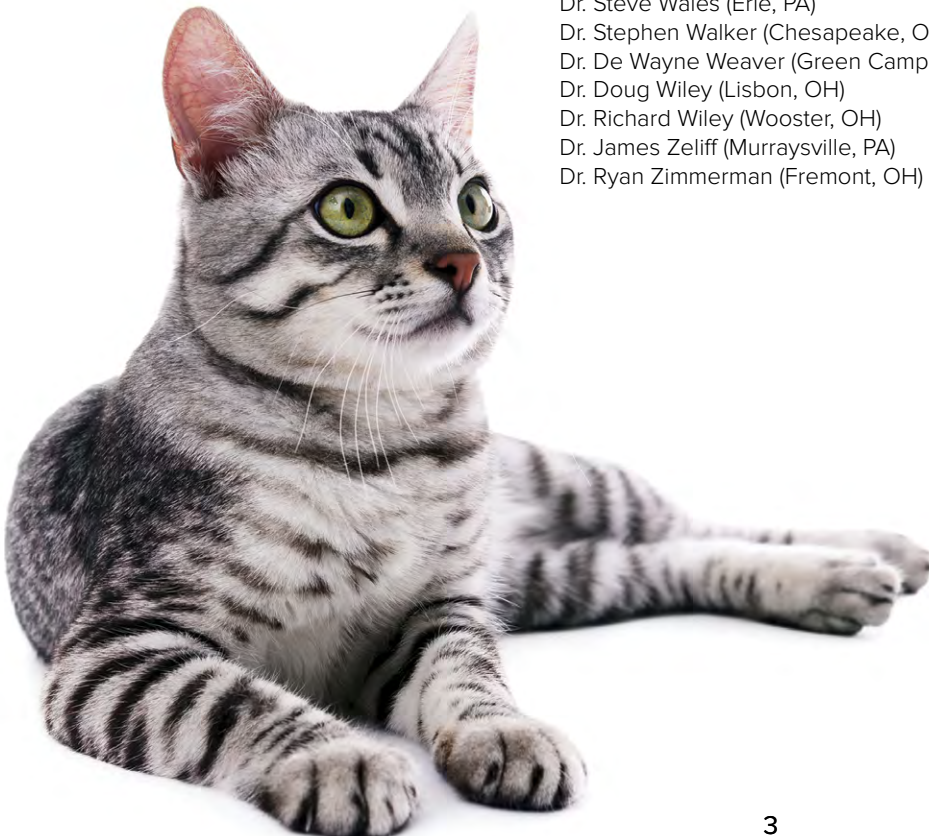
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Welcome New Faculty



Laura Selmic, BVetMed, MPH, DACVS-SA, DECVS

Assistant Professor – Surgical Oncology

Dr. Selmic joins the Oncology and Surgery Services at the Ohio State Veterinary Medical Center. She is a 2004 graduate of The Royal Veterinary College at the University of London, U.K., and completed her residency in small animal surgery at the College of

Veterinary Medicine at Texas A&M University. Dr. Selmic went on to complete both clinical and research surgical oncology fellowships at Colorado State University. She is a founding fellow of the American College of Veterinary Surgeons and most recently was assistant professor of soft tissue and oncologic surgery at the University of Illinois College of Veterinary Medicine. Her research interests include the use of optical coherence tomography to detect residual cancer cells following surgery, clinical research design and biostatistics.



Selena Tinga, DVM, PhD, DACVS-SA

Assistant Professor – Small Animal Orthopedic Surgery

Dr. Tinga, a 2012 graduate of the College of Veterinary Medicine at Cornell University, joins the Veterinary Medical Center's Small Animal Orthopedic Surgery Service. She completed her residency in small animal surgery in summer 2017 at the University

of Florida, where she also received her PhD in canine stifle kinematics in 2018. Dr. Tinga's research interests include the kinematics of cranial cruciate ligament deficiency before and after treatment in order to improve the short and long term outcome after surgical treatment for cruciate disease. She has an added clinical interest in correction of angular limb deformities.



Save the Date

College of Veterinary Medicine Continuing Education

CE: **2018 Annual Companion Animal
Veterinary Continuing Education
Conference**

Topics: Heart murmur case study; degenerative mitral valve disease treatment; emergency tips and tricks; seizure management; dermatology treatment updates; nutrition; and panel discussion on integrated approach in managing patients with mast cell tumors.

Date: August 17, 2018

Location: The Ohio State University
Veterinary Medical Center Auditorium

CE credits: 6 hours

No cost to veterinarians. Lunch generously provided by Zoetis. Free parking. Also includes optional tours of the Veterinary Medical Center and the new Clinical Skills Lab. Register online at vet.osu.edu/ce.

BBV Clinical Trials Office Seeks Participants

If you have a patient that might be eligible for any of the following trials, please contact our Blue Buffalo Veterinary Clinical Trials Office at cvm-clinicaltrials@osu.edu or **614-247-8706**.

- **Dogs with Dry Eye**
- **Cats with Bladder Stones**
- **Dogs with Bladder Cancer (Transitional Cell Carcinomas-TCC)**
- **Biomarkers during Chronic Kidney Disease**

To see a full list of current trials, please visit: vet.osu.edu/vmc/clinical-trials.

Find us on



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