




AO VET NA Masters Course—Feline Orthopedics (with feline orthopedic specimens)

 October 3, 2024 - October 4, 2024
Glendale, Arizona, USA

The lame cat can represent a significant diagnostic challenge. The relative paucity of specific literature available addressing feline orthopedic patients, the inherent complexity in performing feline gait analysis and orthopedic examination and the discrete, distinct signs that cats exhibit associated with orthopedic disease all represent hurdles to overcome.

This course is designed to provide participants with a comprehensive knowledge of specific feline orthopedic diseases and the clinical signs associated with them through the precourse module as well as onsite lectures and interactive sessions. Both non-surgical and surgical treatment modalities will be discussed and demonstrated in hands-on laboratory sessions and case-based discussions. Emphasis will be placed on challenging conditions commonly encountered in cats and circumstances where therapeutics may differ to those universally employed in canine patients. The entire patient experience will be considered including choice of therapeutic approach, preoperative planning, postoperative patient management and physical rehabilitation. Opportunities will be provided for participants to tailor their course experience to the equipment readily available in their workplace with both minimally invasive and open approaches being demonstrated where appropriate.

Participants should leave this course with the information and experience necessary to feel confident in the diagnosis and management of most common feline-specific orthopedic conditions.

The 'blended' course format includes **REQUIRED** online coursework and learning materials provided prior to the face-to-face event which are **MANDATORY** for attendance at the course.

Target Audience:

This is an AO VET masters-level course suitable for practicing veterinary surgeons, fellows and residents with experience in surgical repair of both simple and complex fractures.

Prerequisite:

The **AO VET Small Animal Principles course** is a prerequisite for this Masters-level course since familiarity with instrumentation and techniques will be assumed.

Additionally, attendance at an **Advanced Techniques** course is strongly recommended, but not required.



Event Summary

Tuition:

Level Name: Participant - Veterinary
Pricing Tier: Resident
Tuition: \$1,725.00

Level Name: Participant - Veterinary
Pricing Tier: Attending
Tuition: \$2,070.00

Course Prerequisite(s):

- Principles of Small Animal Fracture Management

Venue:

Renaissance Phoenix Glendale Hotel
9495 Entertainment Boulevard
Glendale, Arizona, USA
Phone Number: 623-937-3700
www.renaissancephoenixglendalehotel.com

Language(s):

English

Directly Provided by:



Professional Level

Prerequisite(s):

No Prerequisites

CME

Continuing Education Credit: 18.75

- AO North America is a Registry of Approved Continuing Education (RACE) Provider (Number 244).

Designation Statement

This program was reviewed and approved by the AAVSB RACE program for 18.75 hours of continuing education credit in jurisdictions which recognize AAVSB RACE approval. Please contact the AAVSB RACE program if you have any comments/concerns regarding this program's validity or relevancy to the veterinary profession.

The Continuing Medical Education (CME) mission of AO North America (AONA®) is to provide comprehensive multidisciplinary needs based education to surgeons, fellows, and residents in the specialties of orthopedic, hand, craniomaxillofacial, spine, neurosurgery, and veterinary surgery in the areas of trauma (i.e.), operative reduction and fixation), degenerative disorders, deformities, tumors, and reconstruction.

Expected results of AONA's CME activities for surgeons, fellows, and residents are to:

- Increase their knowledge base and surgical skill level
- Improve competence by applying advances of knowledge in patient care in the areas of trauma, degenerative disorders, deformities, tumors, and reconstructive surgical techniques
- Address practice performance gaps by improving management of aspects of traumatic injuries and musculoskeletal disorders (i.e., pre-operative planning to post-operative care)

Learning Objectives

Upon completion, participants should be able to:

- Articulate the key anatomical differences between cats and dogs.
- Structure an appropriate history for a feline orthopedic patient, including the use of clinical metrology instruments.
- Execute feline gait assessment and grade lameness accordingly.
- Adapt orthopedic examination techniques to maximize success in cats; Interpret feline joint and long bone radiographs while identifying feline-specific radiographic findings.
- Demonstrate a comprehensive awareness of the causes of feline non-traumatic joint disease and when surgical intervention is appropriate.
- Adapt standard-of-care joint disease treatments for dogs in order to optimize outcomes in cats.
- Display cognizance of feline specific considerations when developing a treatment plan for the traumatically injured cat.

Faculty



Perry, Karen - Chairperson

BVMS, CertSAS, DECVS, MSc, FHEA, MRCVS
Pat Carrigan Professor of Feline Medicine
Professor in Small Animal Orthopedics
Veterinary Medical Center
Michigan State University
East Lansing, Michigan

Karen Perry graduated from The Royal (Dick) School of Veterinary Studies, Edinburgh in 2005. After a short period in mixed practice and an internship in small animal orthopedics Dr. Perry returned to the R(D)SVS to complete a residency in small animal surgery from 2007 to 2010. Following achievement of ECVS status in 2011, Dr. Perry joined the Royal Veterinary College (RVC), London as a lecturer in small animal orthopedics. During her tenure at the RVC, Dr. Perry completed a postgraduate certificate in veterinary education and became a Fellow of the Higher Education Academy. After four years at the RVC Dr. Perry moved to Michigan State University where she is currently a Tenured Professor in Small Animal Orthopedics. In 2022, Dr. Perry was also named the Pat Carrigan Professor of Feline Medicine. Dr. Perry's passion for veterinary education led her to pursue further qualifications in this ever-expanding field. In 2019, whilst at MSU, Dr. Perry completed her Masters of Science in Veterinary Education, the thesis of which focused on the importance of feedback during veterinary residency programs. Due to her knowledge in education, Dr. Perry was elected to serve on the AOVET NA education committee. Dr. Perry has published widely in the veterinary literature with her main research interests being feline orthopedics, traumatology and the correction of limb deformities associated with patellar luxation. Dr. Perry, an International AO Faculty, created the first AO Master Course in Feline Orthopedics and has presented her work throughout the world including in Colombia, Brazil, Mexico, Russia, Italy, Spain, Poland and the UK.



Kerwin, Sharon - Co-Chairperson

DVM, MS, DACVS, DACVIM
Professor
Small Animal Clinical Sciences
College of Veterinary Medicine
Texas A & M University
College Station, Texas

Dr. Kerwin received her DVM from Texas A&M University, completed a small animal rotating internship at Louisiana State University and completed a small animal surgery residency at LSU along with a Master of Science degree in veterinary physiology. She is a diplomate of both the American College of Veterinary Surgeons and the American College of Veterinary Internal Medicine (neurology). Her clinical and research interests involve orthopedics and neurology, with a special interest in fracture repair and spinal surgery, as well as feline orthopedics and neurology.



Déjardin, Loic - Lecturer

DVM, MSc, DACVS, DECVS
Wade O. Brinker Endowed Chair of Veterinary Surgery
Professor – Small Animal Orthopaedic Surgery
ACVS Founding Fellow – MIS Orthopaedics SA
College of Veterinary Medicine
Michigan State University
East Lansing, Michigan

Dr. Déjardin is the Wade O. Brinker Endowed Chair of Veterinary Surgery. He is Professor and head of Small Animal Orthopaedic Surgery at Michigan State University and a Founding Fellow of the ACVS Minimally Invasive Small Animal Orthopaedic Surgery Fellowship. Dr. Déjardin graduated from Toulouse Veterinary School (France) and completed his Surgical Residency then MSsc with Dr. Arnoczky at MSU. Dr. Déjardin authored ~90 research proposals (~\$7M), eight inventions and holds three patents on an interlocking nail and a targeting device for minimally invasive osteosynthesis. He received several prestigious awards in both veterinary and human medicine as well as in engineering, including the O'Donoghue Sports Injury Research Award (AOSSM), the Zandman Award (Soc. Exp. Mechanics), Distinguished Postdoctoral Veterinary Alumnus Award (MSU) and the Pfizer-Zoetis Award for Excellence in Research. His publications include >160 peer-reviewed scientific papers and abstracts, 20 book chapters and ~475 presentations in the US, Europe, Latin America and Asia. As an AO Foundation International Faculty and former Trustee committed to continuing education worldwide, Dr. Déjardin regularly speaks at national and international meetings and courses. He started a Minimally Invasive Osteosynthesis (MIO) program at MSU in the early 2000s' and developed a novel interlocking nail suited for MIO, well as a new technology devised for the MIO of sacroiliac luxations. Since 2009, Dr. Déjardin created and chaired the first comprehensive AOVET Master Course on MIO. His clinical interests include comparative orthopaedics, traumatology, MIO, revision surgery, as well as total joint replacement. His current research activity focuses on biomechanics, implant and instrument design, total joint replacement (elbow, hip, knee, ankle), as well as robotics and kinetics.



Dyce, Jonathan - Lecturer

MA, Vet. MB, MRCVS, DSAO, DACVS
Associate Professor Small Animal Orthopaedics
ACVS Founding Fellow, Joint Replacement Surgery
OSU Veterinary Medical Center
Hospital for Companion Animals
The Ohio State University
Columbus, Ohio

Jon Dyce graduated from University of Cambridge (UK) in 1989 and remained there to train as an orthopaedic surgeon. In 1997 he joined the surgery faculty at The Ohio State University Veterinary Medical Center, and is currently associate professor of small animal surgery. He is a regular speaker at national and international meetings on the topics of small animal orthopedics and total hip replacement. Among other continuing education responsibilities, he has been the chairperson for the OSU-BioMedtrix Canine Total Hip Replacement Workshop since 2002. Clinical research interests include failure mechanisms and the refinement of canine total hip replacement.



Hinson, Whitney - Lecturer
DVM, MS, DACVS
Clinical Assistant Professor
Orthopedics & Sports Medicine
University of Georgia
Athens, Georgia

Dr. Hinson is currently an orthopedic surgeon at Northlake Veterinary Surgery in Clarkston, GA. She obtained her DVM from the University of Georgia in 2015 followed by a rotating internship at Texas A&M University, and a 4-year surgery residency at Texas A&M University with a Master of Science degree in biomedical sciences. She is a diplomate of the American College of Veterinary Surgeons with research and clinical interests that include arthroscopy, fracture repair, and joint replacement.



Meeson, Richard - Lecturer
MA, Vet. MB, PhD, MVetClinStud, DECVS, FHEA, FRCVS
Professor of Orthopaedics
Head of Orthopaedic Surgery
Royal Veterinary College
University of London
London

Prof Richard Meeson is Head of Orthopaedics and Professor of Orthopaedics at the Royal Veterinary College, University of London. He graduated from the University of Cambridge in 2007 having also intercalated a degree in immunology in 2004. He then moved to the Royal Veterinary College to undertake specialist clinical training, and became a European board-certified surgical specialist in 2012. He has remained at the RVC as clinical faculty since, other than several years as an MRC funded Clinical Research Fellow working at the internationally renowned Institute of Orthopaedics and Musculoskeletal Science, UCL (Stanmore, London). This led to the award of a PhD on stem cell mobilisation and fracture healing. Since 2018, he has been Head of the Orthopaedic Service at the Queen Mother Hospital for Animals. In the clinic, he enjoys traumatology and joint surgery, including total hip replacement. He has trained over 25 surgical residents and is actively involved in undergraduate and postgraduate teaching and assessment. Prof Meeson manages a research programme focused on One Medicine including advanced imaging of osteoarthritis to detect early biomarkers, osteosarcoma and tendon degeneration research. He held the post of Scientific Chair for the British Veterinary Orthopaedic Association (BVOA) from 2015-2022, and has been an associate editor for BMC Veterinary Research and The Veterinary Record. He lectures nationally and internationally and has published over 100 papers and abstracts on a variety of topics relating to veterinary orthopaedics, with many on the subject on feline orthopaedics, and has been awarded over £1M in grant funding. He was elected to the Fellowship of the Royal College of Veterinary Surgeons (FRCVS) for his meritorious contributions to clinical practice in 2020, which is the highest level of recognition in the UK.

AO NA Disclaimer Information

Faculty Disclosure:

It is the policy of AO North America to abide by the Accreditation Council for Continuing Medical Education Standards for Commercial Support. Standard 2: "Disclosures Relevant to Potential Commercial Bias and Relevant Financial Relationships of Those with Control over CME Content," requires all planners, including course directors, chairs, and faculty, involved in the development of CME content to disclose their relevant financial relationships prior to participating in the activity. Relevant financial relationships will be disclosed to the activity audience. The intent of the disclosure is not to prevent a faculty with a relevant financial or other relationship from teaching, but to provide participants with information that might be of importance to their evaluation of content. All potential conflicts of interest have been resolved prior to the commencement of this activity.

Off-Label / Experimental Discussions:

Some medical devices used for teaching purposes and/or discussed in AO North America's educational activities may have been cleared by the FDA for specific uses only or may not yet be approved for any purpose. Faculty may discuss off-label, investigational, or experimental uses of products/devices in CME certified educational activities. Faculty have been advised that all recommendations involving clinical medicine in this CME activity are based on evidence that is accepted within the profession of medicine as adequate justification for their indications and contraindications in the care of patients.

All scientific research referred to, reported or used in this CME activity in support or justification of a patient care recommendation conforms to the generally accepted standards of experimental design, data collection and analysis.

Disclaimer:

AONA does not endorse nor promote the use of any product/device of commercial entities. Equipment used in this course is for teaching purposes only with the intent to enhance the learning experience.

The opinions or views expressed in this live continuing medical education activity are those of the faculty and do not necessarily reflect the opinions or recommendations of AO North America or any commercial supporter. The certificate provided pertains only to the participants' completion of the course.

Conflict of Interest Resolution Statement:

When individuals in a position to control or influence the development of the content have reported financial relationships with one or more commercial interests, AO North America utilizes a process to identify and resolve potential conflicts to ensure that the content presented is free of commercial bias.

Liability Statement:

AO North America faculty and staff assume no personal liability for the techniques or the use of any equipment and accessories used for teaching purposes in the laboratory. The certificate provided pertains only to the participants' completion of the course and does not, in any way, attest to the proficiency of the participants' clinical experience.

Animal Anatomic Specimens:

This course will involve exposure to and contact with animal anatomic specimens. These specimens are being utilized for purposes of teaching and learning and are to be treated with the utmost respect. Participants should be familiar with and understand the potential risks involved and will be required to observe all customary safety procedures.

Acknowledgment

In-Kind Support

AO North America gratefully acknowledges in-kind support for equipment and technical staff from BioMedtrix LLC, IMEX Veterinary, Inc, Vet Clarity / Movora and Johnson & Johnson MedTech.

Educational Grant

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