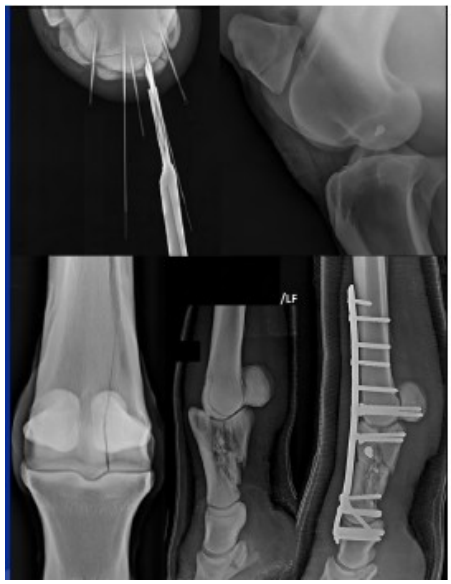
AO VET North America

AO VET NA Advanced Course—Management of Equine Articular Fractures, Subchondral Bone Cysts and Fetlock Breakdown Injuries

September 15, 2025 - September 17, 2025
Fort Collins, Colorado, USA



The ***AO VET NA Advanced Course - Management of Equine Articular Fractures, Subchondral Bone Cysts and Fetlock Breakdown Injuries*** will provide clinical insight and hands-on experience treating intra-articular fractures and using implants to manage subchondral cystic lesions as well as performing a fetlock arthrodesis for comminuted P1 fractures and breakdown injuries using the distal femoral plate (DFP).

Cadaveric labs will emphasize arthroscopic approaches to needle placement and intraoperative imaging to guide proper implant placement for fracture repair and cyst treatment. Cadaveric specimen labs, in addition to dry bone labs on the last day, will also be used to demonstrate and practice proper application of the DFP and a tension band using wire (dry bones) and orthopedic cables (cadavers).

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

NOTE: In addition to the in-person course event, September 15 - 17, 2025, in Fort Collins, CO, there will be ***two (2) mandatory live ZOOM pre-course online sessions*** with additional lectures (information to be sent closer to the time of the sessions):

- **September 2, 2025: 8:00 pm EST**
- **September 9, 2025: 8:00 pm EST**

Recordings of each session will be available in AO NA's Learning Management System (LMS) for those who cannot attend the live session.

*** DEADLINE TO REGISTER IS SEPTEMBER 1st - COURSE WILL BE CLOSED TO REGISTRATIONS AFTER THIS DATE**

Target Audience

This course is designed for practicing surgeons.

The ***AO VET NA Blended Course - Principles of Equine Fracture Management*** is a prerequisite for this course as knowledge of basic surgical instrumentation will be assumed.

**** Please Note this course will be THREE FULL DAYS.**

Registered participants should plan for 3 - 4 hotel nights (Sunday - Wednesday)

Event Summary

Tuition:
Level Name: Participant - Veterinary
Pricing Tier: Resident
Tuition: $2,100.00

Level Name: Participant - Veterinary
Pricing Tier: Attending
Tuition: $2,625.00

Course Prerequisite(s):

- Equine Principles of Fracture Management

Venue:
The Elizabeth Hotel
111 Chestnut Street
Fort Collins, Colorado, USA
Phone Number: (970) 490 -2600
https://www.marriott.com/en-us/hotels/ftcak-the-elizabeth-hotel-autograph-collection/overview/

Translational Medicine Institute / Colorado State University
2350 Gillette Dr
Fort Collins, Colorado, USA
Phone Number: 970-491-8645
https://vetmedbiosci.colostate.edu/tmi/

Language(s):
English
Directly Provided by:
AO North America
Professional Level Prerequisite(s):
No Prerequisites

CME

Continuing Education Credit: 28.00

- AO North America is a Registry of Approved Continuing Education (RACE) Provider (Number 50-26631).

Designation Statement
This program was reviewed and approved by the AAVSB RACE program for 28.00 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:

- Identify cases that will respond best to arthroscopically guided fracture repair
- Select best approaches for implants based on pre and intraoperative imaging guidance
- Apply a combination of imaging and arthroscopic visualization to best guide implant placement
- Learn how to perform fetlock arthrodesis using the DFP for comminuted P1 fractures as well as fetlock breakdown injuries

Faculty

Kawcak, Chris - Chairperson

DVM, PhD, DACVS, DACVSMR
Professor of Surgery
Translational Medicine Institute
Orthopedic Research Center
Department of Clinical Sciences
College of Veterinary Medicine and Biomedical Sciences
Colorado State University
Fort Collins, Colorado

Dr. Kawcak is a professor of surgery and a principle investigator in the Orthopaedic Research Center and Equine Veterinary Teaching Hospital at Colorado State University. His clinical practice centers on diagnosis and treatment of performance-limiting orthopedic injuries in horses, and his research focuses on diagnosis and treatment of fatigue injuries in equine athletes.

Goodrich, Laurie - Co-Chairperson

DVM, MS, PhD, DACVS
Professor of Equine Surgery
Director, Orthopaedic Research Center
Department of Clinical Sciences and Orthopaedic Research Center
Fort Collins, Colorado

Dr. Laurie Goodrich is the Director of the Orthopaedic Research Center at Colorado State University's C. Wayne McIlwraith Translational Medicine Institute and holds the Barbara Cox Anthony University Chair in Orthopaedics. She is an equine surgeon specializing in orthopedic surgery and lameness with a focus on musculoskeletal injuries and trauma. She is an American College of Veterinary Surgeons (ACVS) Founding Fellow in Minimally Invasive Surgery, Large Animal Orthopedics. She received her DVM from the University of Illinois, completed an internship at Virginia Maryland Regional College of Veterinary Medicine and an equine surgical residency at the Marion duPont Scott Equine Medical Center in Northern Virginia. During that time, she also completed a Master of Science in Pharmacology at Virginia Tech. She joined the faculty at Cornell University as an Equine Surgeon in 1996 and also completed a PhD in cartilage repair in 2005 while at Cornell. She then began at CSU in 2005 as an Assistant Professor of Equine Surgery and is currently a Professor of Surgery and a principle investigator in the Orthopedic Research Center. She is a translational scientist whose research focuses on regenerative medicine, gene therapies and biologics to improve joint and bone repair in both animals and people. She has received the Elastikon Award in Research Excellence from the Grayson Jockey Club Research Foundation, the Cabaud Award in Research from AOSSM and CSU's AAEP Clinician of the Year Award for teaching excellence. She is on the Board of Directors for North American Veterinary Regenerative Medicine Association and is past president and chair of both the Preclinical Models Section of the Orthopedic Research Society and the American College of Veterinary Surgeons.

Carpenter, Ryan - Lecturer

DVM, MS, DACVS
Equine Medical Center
Cypress, California

Dr. Ryan Carpenter graduated from UC Davis, school of veterinary medicine in 2005 and went on to complete a surgical residency and combined masters program at Colorado State University where he conducted orthopedic research projects focusing on gene therapy and fracture healing under the direction of the Equine Orthopedic Research Center at CSU. Ryan spends his mornings as an active racetrack practitioner in the shedrow at Santa Anita and Del Mar and his afternoons in the hospital specializing in orthopedic and upper airway surgery. When not at the track, Ryan enjoys spending time with his wife, Jill and daughters Brooklyn and Taylor.

Garcia-Lopez, Jose - Lecturer

VMD, DACVS, DACVSMR
Associate Professor of Large Animal Surgery
Department of Clinical Studies - New Bolton Center
School of Veterinary Medicine
University of Pennsylvania
Kennett Square, Pennsylvania

Dr. José M. García-López, VMD, Dipl. ACVS, Dipl. ACVSMR American College of Veterinary Surgeons American College of Veterinary Sports Medicine and Rehabilitation Associate Professor Large Animal Surgery Department of Clinical Studies - New Bolton Center University of Pennsylvania School of Veterinary Medicine José obtained his VMD from the University of Pennsylvania in 1996 and went on to complete a 1-year Equine Internship at Mid-Atlantic Equine Medical Center (Ringoes, New Jersey, USA) followed by a 3-year Large Animal Surgical Residency with a special focus on Equine Sports Medicine at Tufts University in North Grafton, Massachusetts. He became a Diplomate of the American College of Veterinary Surgeons in 2001. Following his residency, José obtained a Lecturer position in the Section of Equine Sports Medicine and Imaging at the University of Pennsylvania's New Bolton Center in Kennett Square, Pennsylvania where he remained for 2 years. From 2002 through 2022, he returned to Tufts Cummings School of Veterinary Medicine as an Assistant, then Associate Professor in Large Animal Surgery, where he helped develop the Equine Sports Medicine and Surgery Service of which he served as its Director from 2014-2022. He became board certified by the American College of Veterinary Sports Medicine and Rehabilitation in 2013. While at Tufts, he focused his work on the diagnosis and management of musculoskeletal disorders as well as the use of advanced imaging in the equine athlete. In 2022, he returned to the University of Pennsylvania's New Bolton Center, where he is currently a Clinical Associate Professor of Large Animal Surgery, focusing on equine orthopedics, including arthroscopy and fracture repair, lameness diagnosis and treatment, and advanced imaging. Dr. García-López is also a faculty member of AO VET North America (AO VET NA), having served as Chair from 2021-2024. He regularly lectures and provides consultations at the national and international level.

Ortved, Kyla - Lecturer

DVM, PhD, DACVS, DACVSMR
Associate Professor of Large Animal Surgery
Jacques Jenny Endowed Chair of Orthopedic Surgery
New Bolton Center
University of Pennsylvania
Kennett Square, Pennsylvania

Dr. Kyla Ortved is an Associate Professor of Large Animal Surgery at New Bolton Center, University of Pennsylvania in Kennett Square, PA. She received her DVM degree from the University of Guelph in 2006 and completed her large animal surgical residency at Cornell University in 2010. Kyla became boarded with the American College of Veterinary Surgeons in 2011. Following her residency, Kyla went on to obtain a PhD in equine cartilage repair at Cornell University. She received her PhD in June 2014 and joined the faculty at Cornell Ruffian Equine Specialists in July 2015. In January 2016, Kyla became boarded with the American College of Sports Medicine and Rehabilitation. She joined the faculty at New Bolton Center in February 2016 as a large animal orthopedic surgeon. Her research program at New Bolton Center focuses on orthopedic disease and investigating gene and cell therapies to improve cartilage repair and prevent osteoarthritis. Dr. Ortved has completed the Faculty Education Program.

Rossignol, Fabrice - Lecturer

Dr. med. vet., DECVS
Chief of Surgery
Grosbois Equine Clinic
Paris

Fabrice Rossignol graduated in 1994 from National veterinary school of Toulouse (South of France). He joined the equine clinic of Grosbois near Paris just after, and became partner in 1998. He followed an ECVS alternate training residency program between 2002 to 2007 and became an ECVS diplomate in 2010. Fabrice is a senior surgeon at the Equine clinic de Grosbois and has a partnership with Maisons-Alfort Vet school and the Cirale. He has 100% activity in surgery. He has a major interest in Upper Airway Surgery and Fractures Repair. He is involved in several research projects such as developing a laryngeal pacemaker and new techniques of laryngeal reinnervation within the Medel group. He has also been a member of the AO VET Large Animal Expert Group and Faculty since 2016 and is active in developing new orthopedic implants. When not working, Fabrice likes traveling, skiing, and cinema.

Agenda

Day 1

Monday, September 15, 2025 - 07:00 - 18:00 - (includes breaks, travel-time and meals)

Activity	*Area*
AO Office	Room 101 - 1st Fl.
Lab	CE Learning Lab Room 157 - 1st Fl.
Lecture	Tiered Classroom 152 - 1st Fl.
Breakfast	CE Lounge - 1st Fl.
Lunch	CE Lounge - 1st Fl.
Coffee Break	CE Lounge - 1st Fl.
Reception	Grand Event Hall & Terrace - 3rd Fl.

Schedule	Title	Moderator	Faculty	Room
07:00 - 08:00	Course Registration - Breakfast at TMI			
08:00 - 08:15	Introduction and Welcome		Kawcak, C	Tiered Classroom 152 - 1st Fl.
08:15 - 08:45	Third Metacarpal Condylar Fracture Repair		Ortved, K	Tiered Classroom 152 - 1st Fl.
08:45 - 09:00	Coffee Break / Change into Scrubs and Prepare for Lab			CE Lounge - 1st Fl.
09:00 - 12:00	LAB 1 - MC CONDYLAR FRACTURE REPAIR	Carpenter, R Garcia-Lopez, J Goodrich, L Kawcak, C Ortved, K Rossignol, F		Tiered Classroom 152 - 1st Fl.
09:00 - 09:55	Group A: Lag Screw Placement - Radiograph			CE Learning Lab Room 157 - 1st Fl.
09:00 - 09:55	Group B: Lag Screw Placement - Fluoroscopic			CE Learning Lab Room 157 - 1st Fl.
09:00 - 09:55	Group C: Fireside Chat - Condylar Fracture			

Group	*Room*
Group A	Room 101 - 1st Fl.

Schedule	Title	Moderator	Faculty	Room
09:55 - 10:00	Travel to Next Lab			
10:00 - 10:55	Group A: Lag Screw Placement - Fluoroscopic			CE Learning Lab Room 157 - 1st Fl.
10:00 - 10:55	Group B: Fireside Chat - Condylar Fracture			

Group	*Room*
Group A	Room 101 - 1st Fl.

Schedule	Title	Moderator	Faculty	Room
10:00 - 10:55	Group C. Lag Screw Placement - Radiograph			CE Learning Lab Room 157 - 1st Fl.
10:55 - 11:00	Travel to Next Lab			
11:00 - 12:00	Group A: Fireside Chat - Condylar Fracture			

Group	*Room*
Group A	Room 101 - 1st Fl.

Schedule	Title	Moderator	Faculty	Room
11:00 - 12:00	Group B: Lag Screw Placement - Radiograph			CE Learning Lab Room 157 - 1st Fl.
11:00 - 12:00	Group C: Lag Screw Placement - Fluoroscopic			CE Learning Lab Room 157 - 1st Fl.
12:00 - 13:00	Lunch			CE Lounge - 1st Fl.

13:00 - 13:30	Proximal Sesamoid Bone Fracture Repair		Ortved, K	Tiered Classroom 152 - 1st Fl.
13:30 - 13:35	Travel to Lab			
13:35 - 16:30	LAB 2 - PSB FRACTURE REPAIR	Carpenter, R Garcia-Lopez, J Goodrich, L Kawcak, C Ortved, K Rossignol, F		Tiered Classroom 152 - 1st Fl.
13:35 - 14:30	Group A: Fireside Chat - Proximal Sesamoid Fracture			

Group	*Room*
Group A	Room 101 - 1st Fl.

13:35 - 14:30	Group B: Lag Screw Placement - Radiograph			CE Learning Lab Room 157 - 1st Fl.
13:35 - 14:30	Group C: Lag Screw Placement - Fluoroscopic			CE Learning Lab Room 157 - 1st Fl.
14:30 - 14:35	Travel to Next Lab			
14:35 - 15:30	Group A: Lag Screw Placement - Radiograph			CE Learning Lab Room 157 - 1st Fl.
14:35 - 15:30	Group B: Lag Screw Placement - Fluoroscopic			CE Learning Lab Room 157 - 1st Fl.
14:35 - 15:30	Group C: Fireside Chat - Proximal Sesamoid Fracture			

Group	*Room*
Group A	Room 101 - 1st Fl.

15:30 - 15:35	Travel to Next Lab			
15:35 - 16:30	Group A: Lag Screw Placement - Fluoroscopic			CE Learning Lab Room 157 - 1st Fl.
15:35 - 16:30	Group B: Fireside Chat - Proximal Sesamoid Fracture			

Group	*Room*
Group A	Room 101 - 1st Fl.

15:35 - 16:30	Group C: Lag Screw Placement - Radiograph			CE Learning Lab Room 157 - 1st Fl.
16:30 - 17:00	Review and Discussion		Kawcak, C	Tiered Classroom 152 - 1st Fl.
17:00 - 18:00	Welcome Reception			

Day 2

Tuesday, September 16, 2025 - 07:00 - 17:05 - (includes breaks, travel-time and meals)

Activity	*Area*
AO Office	Room 101 - 1st Fl.
Lab	CE Learning Lab Room 157 - 1st Fl.
Lecture	Tiered Classroom 152 - 1st Fl.
Breakfast	CE Lounge - 1st Fl.
Lunch	CE Lounge - 1st Fl.
Coffee Break	CE Lounge - 1st Fl.
Reception	Grand Event Hall & Terrace - 3rd Fl.

Schedule	Title	Moderator	Faculty	Room
07:00 - 08:00	Breakfast at TMI			CE Lounge - 1st Fl.

08:00 - 08:15	Overview and Plan for the Day		Goodrich, L	Tiered Classroom 152 - 1st Fl.
08:15 - 08:45	Third Carpal Bone Fracture Repair		Carpenter, R	Tiered Classroom 152 - 1st Fl.
08:45 - 09:15	Complex Carpal Fracture Repair		Rossignol, F	Tiered Classroom 152 - 1st Fl.
09:15 - 09:30	Coffee Break / Change into Scrubs / Prepare for Lab			CE Lounge - 1st Fl.
09:30 - 12:30	LAB 3: THIRD CARPAL BONE	Carpenter, R Garcia-Lopez, J Goodrich, L Kawcak, C Ortved, K Rossignol, F		Tiered Classroom 152 - 1st Fl.
09:30 - 10:25	Group A: Lag Screw Placement - Fluoroscopic - Sagittal			CE Learning Lab Room 157 - 1st Fl.
09:30 - 10:25	Group B: Fireside Chat - Third Carpal Bone			

Group	*Room*
Group A	Room 101 - 1st Fl.

09:30 - 10:25	Group C: Lag Screw Placement - Radiograph - Frontal			CE Learning Lab Room 157 - 1st Fl.
10:25 - 10:30	Travel to Next Lab			
10:30 - 11:25	Group A: Fireside Chat - Third Carpal Bone			

Group	*Room*
Group A	Room 101 - 1st Fl.

10:30 - 11:25	Group B: Lag Screw Placement - Radiograph - Frontal			CE Learning Lab Room 157 - 1st Fl.
10:30 - 11:25	Group C: Lag Screw Placement - Fluoroscopic - Sagittal			CE Learning Lab Room 157 - 1st Fl.
11:25 - 11:30	Travel to Next lab			
11:30 - 12:30	Group A: Lag Screw Placement - Radiograph - Frontal			Tiered Classroom 152 - 1st Fl.
11:30 - 12:30	Group B: Lag Screw Placement - Fluoroscopic - Sagittal			CE Learning Lab Room 157 - 1st Fl.
11:30 - 12:30	Group C: Fireside Chat - Third Carpal Bone			

Group	*Room*
Group A	Room 101 - 1st Fl.

12:30 - 13:15	Lunch			CE Lounge - 1st Fl.
13:15 - 13:45	Subchondral Bone Cyst Management		Goodrich, L	Tiered Classroom 152 - 1st Fl.
13:45 - 17:05	LAB 4: SBC SCREW PLACEMENT			Tiered Classroom 152 - 1st Fl.
13:45 - 14:05	A: Wright Technique	Garcia-Lopez, J		CE Learning Lab Room 157 - 1st Fl.
14:05 - 16:05	B: Santschi Technique	Goodrich, L		CE Learning Lab Room 157 - 1st Fl.
16:05 - 17:05	C: Discussion - Technique Variations		Kawcak, C	Tiered Classroom 152 - 1st Fl.

Day 3

Wednesday, September 17, 2025 - 07:00 - 17:15 - (includes breaks, travel-time and meals)

Activity	*Area*
AO Office	Room 101 - 1st Fl.

Lab	CE Learning Lab Room 157 - 1st Fl.
Lecture	Tiered Classroom 152 - 1st Fl.
Breakfast	CE Lounge - 1st Fl.
Lunch	CE Lounge - 1st Fl.
Coffee Break	CE Lounge - 1st Fl.
Reception	Grand Event Hall & Terrace - 3rd Fl.

Schedule	Title	Moderator	Faculty	Room
07:00 - 08:00	Breakfast at TMI / Change into Scrubs			CE Lounge - 1st Fl.
08:00 - 08:30	DFP for Fetlock Breakdown Injuries		Rossignol, F	Tiered Classroom 152 - 1st Fl.
08:30 - 09:45	LAB 5: Synbone/wire DFP (Distal Femur Plate)			CE Learning Lab Room 157 - 1st Fl.
09:45 - 10:00	Coffee Break			CE Lounge - 1st Fl.
10:00 - 12:00	LAB 6: P1 Wet Lab for comminuted fractures of the proximal phalanx in horses (cadaver)	Carpenter, R Garcia-Lopez, J Goodrich, L Kawcak, C Ortved, K Rossignol, F		CE Learning Lab Room 157 - 1st Fl.
12:00 - 13:00	Lunch			CE Lounge - 1st Fl.
13:00 - 14:30	LAB 7: BREAKDOWN INJURY – Breadown Injury / DFP / Cable / Tension device	Carpenter, R Garcia-Lopez, J Goodrich, L Kawcak, C Ortved, K Rossignol, F		CE Learning Lab Room 157 - 1st Fl.
14:30 - 15:00	Coffee Break / Change out of Scrubs / Travel to Lecture Hall			CE Lounge - 1st Fl.
15:00 - 17:00	Case Discussions (Cases from Attendees on everything in Day 1-3)			Tiered Classroom 152 - 1st Fl.
17:00 - 17:15	Questions and Answers / Closing / Conclusion of the Course		Kawcak, C	Tiered Classroom 152 - 1st Fl.

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.

USE THE BELOW TEXT FOR DIDACTIC COURSES ONLY!

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
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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.

Laboratory Waiver:
To participate in this surgical skills course, you will be required to sign a waiver of liability prior to the course. In order to participate, AONA's policy mandates that every individual must wear appropriate protective garments provided by AO NA during the lab sessions. Participants who do not sign the waiver and wear protective garments will not be allowed to participate in the laboratory sessions.

Human Anatomic Specimens:
This course will involve exposure to and contact with human 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.

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 J&JMedTech and Arthrex.

Educational Grant
AO North America gratefully acknowledges funding for its education activities from the AO Foundation. The AO Foundation receives funding for education from Synthes GmbH.