




## Operative Treatment of Veterinary Craniomaxillofacial Trauma and Reconstruction

 June 5, 2015 - June 7, 2015  
Las Vegas, Nevada, USA

This course addresses current and newer techniques/innovative concepts of maxillofacial trauma and fracture repair – utilizing both techniques that are “dental friendly” (oral techniques) and orthopedic methods with their emphasis on bone repair. The goal of this course is to provide enhanced background training involving dental structures, the physiology associated with dental structures and their role in aiding or impeding fracture fixation; similarly, the advantages/disadvantages of the orthopedic repairs and effects on fracture healing. The indications and methods of each of these differing approaches are complimentary and not mutually exclusive, where selection and successful execution are intertwined. The basis of technique selection plays an important role in minimizing complications and future morbidity, emphasizing the long-term implications to the dental structures and bone associated with injury and/or fixation. Reconstruction techniques in instances of severe trauma (highly comminuted fractures and/or gaps) and oncologic reconstruction also will be addressed. The long-term goals of the course are to provide the attendees with a knowledgebase to critically evaluate different fixation techniques and build confidence and experience with the various methods of fixation. Advanced fixation techniques will also be taught.

### Prerequisites for attendance:

This course is intended primarily for ACVS or AVDC residency program participants, and general practitioners with an **advanced interest and expertise in maxillofacial trauma and fracture repair**.

Previous participation in an AOVET Principles Course is highly recommended; Previous participation in an AOVET Advanced Course also would be beneficial.

### Event Summary

#### Tuition:

Level Name: Participant - Veterinary  
Pricing Tier: Attending  
Tuition: \$1,500.00

#### Course Prerequisite(s):

No Prerequisites

#### Venue:

Renaissance Las Vegas Hotel  
3400 Paradise Road  
Las Vegas, NV, USA  
Phone Number: 702 784 5700  
www.renaissancelasvegas.com

#### Language(s):

English

#### Directly Provided by:



#### Professional Level Prerequisite(s):

- Viticus Group Eastern Campus • Residency Year 3  
5810 S. Eastern Ave. • Residency Year 4  
Las Vegas, Nevada, USA • Residency Year 5  
Phone Number: 702-739-6698 • Residency Year 6  
www.viticusgroup.org • Residency Year 7  
• Fellow  
• Practicing

## CME

### Continuing Education Credit: 20.00

- Activity will be certified for continuing education.

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:

- Integrate advances in the art and science of fracture repair into veterinary medicine, particularly as it pertains to craniomaxillofacial trauma and reconstruction in small animals
- Apply new techniques and innovative concepts in maxillofacial fracture fixation to complicated cases in small animal surgical practice
- Discuss complications associated with maxillofacial trauma and repair, and the implications for small animals, particularly canines
- Explain indications for internal fixation and the selection criteria for implant hardware
- Discuss the mechanisms of maxillofacial growth and development and the possible consequences of various fixation techniques
- Explain the benefits and limitations of conservative fracture management using techniques relying on bonding teeth and restoring occlusion

## Faculty



### Boudrieau, Randy - Co-Chairperson

DVM, DACVS, DECVS  
ACVS & AVDC Founding Fellow, Oral and Maxillofacial Surgery  
Tantara Surgical Consultants, LLC  
Sherborn, MA  
Professor of Clinical Sciences Emeritus  
Cummings School of Veterinary Medicine at Tufts University  
North Grafton, Massachusetts

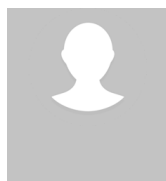
Dr. Boudrieau is Professor of Clinical Sciences Emeritus in the Department of Clinical Sciences, Cummings School of Veterinary Medicine at Tufts University, North Grafton, Massachusetts; USA. He currently also is involved with mentoring and case consultation with Tantara Surgical Specialists, LLC. Dr. Boudrieau is a Diplomate of both the American College of Veterinary Surgeons (ACVS) the European College of Veterinary Surgeons (ECVS), and is a Founding Fellow in Oral and Maxillofacial Surgery with both the ACVS and AVDC. He is an active member in a number of veterinary orthopedic organizations, including ACVS, ECVS, AO, ESVOT and VOS, the latter of which he also served as President. His primary areas of interest includes: biomechanics, bone healing, growth factors (rhBMP-2), maxillofacial trauma, cruciate ligament disease, and joint replacement.



### Snyder, Christopher - Co-Chairperson

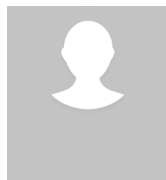
DVM, DAVDC, DEVDC  
Associate Dean for Clinical Affairs and Hospital Director  
Veterinary Dentistry and Oral Surgery  
School of Veterinary Medicine  
University of Wisconsin-Madison  
Madison, Wisconsin

Dr. Snyder is a Diplomat of the American Veterinary Dental College and Clinical Professor and Residency Director of the Dentistry and Oral Surgery Service at the University of Wisconsin-Madison School of Veterinary Medicine. Dr. Snyder has been recognized as Founding Fellow, AVDC Oral and Maxillofacial Surgery and is currently serving as Associate Dean for Clinical Affairs and Hospital Director. He has authored journal articles, textbook chapters and has lectured nationally and internationally. He prides himself on the dental education he provides to students at the University of Wisconsin and the residents he has successfully mentored in the specialty. Dr. Snyder's academic interests include: maxillofacial trauma and reconstruction, oral surgery, creating innovating techniques in veterinary dental education and improving techniques for regional anesthesia.



### Döring, Sophie - Table Instructor

DVM  
University of California Davis  
Davis, California



### Hutchinson, Geoff - Lecturer

DVM, MS, DACVS  
Boundary Bay Veterinary Specialty Hospital  
Langley, British Columbia



### Lewis, John - Lecturer

VMD, FAVD, DAVDC  
Dentistry and Oral Surgery  
NorthStar Veterinary Emergency, Trauma and Specialty Center  
Robbinsville, New Jersey

Dr. John Lewis obtained his VMD from University of Pennsylvania in 1997 and spent 5 years in general practice prior to returning to the University of Pennsylvania for a residency in dentistry and oral surgery. Dr. Lewis became a fellow of the Academy of Veterinary Dentistry in 2004 and a diplomate of the American Veterinary Dental College in 2005. At the University of Pennsylvania, Dr. Lewis rose to the rank of Associate Professor of Dentistry and Oral Surgery. Dr. Lewis also served as Residency Director and Chief of Surgery at the Ryan Veterinary Hospital at the University of Pennsylvania. Dr. Lewis is Past President of the American Veterinary Dental Society and has served as Examination Chair of the AVDC. Dr. Lewis is Editor-in-Chief of the Journal of Veterinary Dentistry and writes a monthly column for Veterinary Practice News. In 2019, Dr. Lewis opened Veterinary Dentistry Specialists and Silo Academy Education Center, both in Chadds Ford, PA.

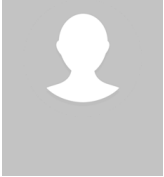


### Mount, Delora - Lecturer

MD, FACS, FAAP  
 Professor of Plastic Surgery  
 Craniofacial Surgery & Peds Plastics  
 North Carolina Children's Hospital  
 University of North Carolina - Chapel Hill  
 Emeritus Professor of Plastic Surgery  
 University of Wisconsin-Madison

Chapel Hill, North Carolina

Dr. Delora Mount is dual board certified by the American Board of Plastic Surgery and the American Board of Surgery. Dr. Mount specializes in craniofacial surgery, orthognathic (jaw) surgery, maxillofacial trauma and benign maxillofacial tumor surgical treatments. Her clinical subspecialties include treatment of infants and children, particularly those with major facial birth defects which include, cleft lip/palate repair, correction of skull shape abnormalities, and speech disorders (hypernasal speech). She now serves as Chief of Pediatric Plastic Surgery at the Children's Hospital of New Orleans/LSU. She lists her favorite things as watching her son play football (he's really good) and hanging with her golden retrievers. She also loves teaching and mentoring the next generation of plastic surgeons, as well as collaborating with colleagues within the field by teaching courses with the AO and serving on the AO North America CMF Board.



### Smith, Mark - Lecturer

VMD, DACVS, DAVDC  
 Center for Veterinary Dentistry and Oral Surgery  
 Gaithersburg, Maryland



### Spodnick, Gary - Lecturer

DVM, DACVS  
 Surgeon  
 Veterinary Specialty Hospital of the Carolinas  
 Cary, North Carolina

Gary J. Spodnick, DVM, DACVS Education: • Undergraduate Studies (Pre-Vet) Oklahoma State University • DVM-Oklahoma State University 1985 Postgraduate Training: • Residency-Tufts University School of Veterinary Medicine 1988-1991 Board Certifications: • Diplomate of the American College of Veterinary Surgeons-1992 Work Experiences: • Boston Road Animal Hospital, clinician, 1985-1988 • North Carolina State University College of Veterinary Medicine, assistant professor, 1991-1996 • Veterinary Specialty Hospital of the Carolinas, 1996-present o Founder o Surgeon Professional Memberships: • American Veterinary Medical Association • North Carolina Veterinary Medical Association • American College of Veterinary Surgeons Dr. Gary Spodnick is one of the 3 founding veterinarians of the Veterinary Specialty Hospital of the Carolinas and is part of the surgery team. His surgical interests include oncologic, reconstructive and plastic surgery, oral surgery and fracture repair. Outside of work, Dr. Spodnick enjoys woodworking and boat building/restoration (kayaks and old canoes). As a one-time forestry major in college, Dr. Spodnick, with his wife, Julie, continue to be interested in the environment and trees---they have planted and are managing a longleaf pine forest stand of about 4,000 trees, , the tree for which North Carolina takes its moniker as the "Tarheel" state.

## 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!

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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.

### 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.