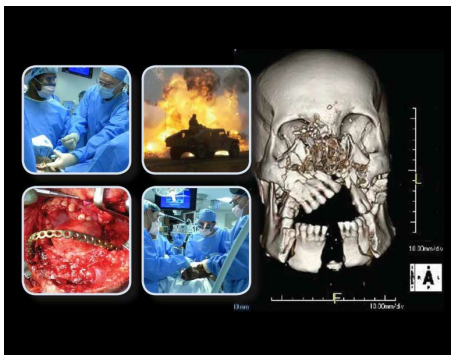
Challenges and Advances in the Management of Craniomaxillofacial Trauma and Reconstruction Focus: Ballistics Injury Management (with Human Anatomical Specimens)

February 15, 2019 - February 17, 2019
Tampa, FL, USA



Over 18,000 firearm injuries occur in the head and neck region annually in the US (CDC) plus additional head and neck injuries (58,000) from attempted suicides and intentional injuries. **There is a critical need for a comprehensive protocol to manage maxillofacial injuries in each trauma center.**

Join a select group of your peers and a nationally prominent multidisciplinary faculty (including AO military experts) to gain practical and immediately applicable skills through extensive cadaver use. This 2-1/2 day course emphasizes practical lectures and hands-on experiences from planning a **cutting-edge reconstruction procedure for the tertiary reconstruction of an individual's craniomaxillofacial wound to performing the reconstruction of both hard-tissue and soft-tissue defects under expert mentors** in a 5:1 student to expert ratio.

Target Audience

This course is primarily designed for attending surgeons in the fields of Oral and Maxillofacial Surgery, Otolaryngology, Plastic and Reconstruction, Ophthalmology and Oculoplastics. Senior Residents (PGY 3 and above) and Fellows may also find this course beneficial.

Space is limited. The need for this course is high. We recommend registering early.

Event Summary

Tuition:
Level Name: Participant - Craniomaxillofacial
Pricing Tier: Attending
Tuition: $1,275.00

Level Name: Participant - Craniomaxillofacial
Pricing Tier: Resident
Tuition: $1,215.00

Course Prerequisite(s):
No Prerequisites

Venue:
Hilton Tampa Downtown Hotel CAMLS
211 E Tampa Street
Tampa, Florida, USA
Phone Number: 813-204-3000

Please Note: This course is available to physicians only.

Language(s):
English
Directly Provided by:
AO North America

Professional Level Prerequisite(s):

- Residency Year 1
- Residency Year 2
- Residency Year 3
- Residency Year 4
- Residency Year 5
- Residency Year 6
- Residency Year 7
- Residency Year 8
- Attending
- Fellow

CME

Continuing Education Credit: AMA

- AO North America is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

  AONA has been resurveyed by the Accreditation Council for Continuing Medical Education (ACCME) and awarded Accreditation with Commendation.

  Continuing Education Dental Credit Statement

  As an Accreditation Council for Continuing Medical Education (ACCME) accredited provider, AO North America meets the definition of a constituent or component organization of the AMA and thereby meets most state dental board requirements of an approved sponsor of continuing education. This course is focused on clinical issues in oral-maxillofacial surgery that are relevant to the treatment and care of dental patients. Most states accept AMA constituents as approved sponsors for continuing dental education credit. If you have questions, your state dental board can confirm eligibility of this course.

- **Designation Statement** - AO North America designates this live educational activity for a maximum of [Hours Pending] ***AMA PRA Category 1 Credits™***. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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.

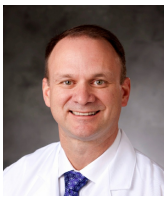
Expected results of AONA's CME activities for surgeons, fellows, and residents are to:
● Increase their knowledge base and surgical skill level
● Improve competence by applying advances of knowledge in patient care in the areas of trauma, degenerative disorders, deformities, tumors, and reconstructive 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)

Learner Objectives

Upon completion, participants should be able to:

- Display current knowledge regarding ballistic wound surgical planning and intra-operative management in the field of Craniomaxillofacial Surgery
- Identify appropriate applications for pre-surgical planning and intra-operative management for treatment of traumatic, avulsive tissue-loss injuries
- Demonstrate the psychomotor skills necessary to perform both pre-surgical planning and intra-operative techniques including immobilization of soft tissues to adequately reconstruct avulsive soft tissue defects of the head / neck region
- Discuss the applicability of computer-aided techniques when analyzing post-operative results and outcome analysis
- Evaluate the problems, complications and intra-operative difficulties that can result from the application of these approaches

Faculty



Powers, David - Chairperson

DMD, MD, FACS, FRCS(Ed)
Associate Professor of Surgery
Director, Duke Craniomaxillofacial Trauma Program
Division of Plastic, Reconstructive, Maxillofacial and Oral Surgery
Duke University Medical Center
Durham, North Carolina

Dr. Powers surgical experience in facial trauma was attained during a military career highlighted by the acute management of ballistic and other injuries of warfare, as well as performing secondary and tertiary facial reconstructive surgery during various staff assignments at Wilford Hall USAF Medical Center, the National Naval Medical Center – Bethesda and the R Adams Cowley Shock Trauma Center in Baltimore, Maryland. He lectures and has published extensively on the management of ballistic injuries to the craniomaxillofacial skeleton, comprehensive reconstruction techniques, and the use of computer-aided surgical planning and patient-specific implants for anatomic rehabilitation after catastrophic injuries. He serves as the Director of the Duke University Medical Center Craniomaxillofacial Trauma Program, as well as the Director of Duke's Craniomaxillofacial Trauma and Reconstructive Surgery Fellowship training program.

Jones, Lamont - Co-Chairperson

MD, MBA
Vice Chair
Department of Otolaryngology, Head and Neck Surgery
Henry Ford Health System
Facial Plastic and Reconstructive Surgery
Director, Cleft and Craniofacial Clinic
Clinical Associate Professor, Wayne State University School of Medicine
Detroit, Michigan

Lamont R. Jones, M.D., MBA, received his medical degree and completed otolaryngology residency at the University of Michigan, Ann Arbor. He completed a fellowship in Facial Plastic and Craniofacial Reconstructive Surgery at SUNNY UpState Medical University. Dr. Jones also completed an executive MBA from the Eli Broad College of Business at Michigan State University, in 2016. Dr. Jones is currently the Vice Chair of the Department of Otolaryngology at Henry Ford Hospital in Detroit, Michigan. He is involved in departmental and hospital operations and has an interest revenue cycle, cost reduction and using telemedicine to improve clinical efficiencies. His clinical interests include the treatment of congenital facial anomalies, facial rejuvenation and facial trauma. Dr. Jones' interests also include the treatment of keloids and translational keloid research, for which, he was recently awarded a, 5 year $900,00 K08 grant from the National Institute of General Medical Science. A national and international speaker, Jones has published multiple journal articles and books chapters. He holds positions in local and national medical organizations, and is involved with "Face to Face" and Kenya Relief which support international medical mission trips to countries such as Vietnam and Kenya. His mission work has been featured in the Detroit Free Press, Detroit Hour Magazine and in an hour television special, "Care and Hope, Proud Detroit Exports", on Detroit WDIV Channel 4.

Potter, Jason - Co-Chairperson

MD, DDS
Dallas Plastic Surgery Institute
Clinical Assistant Professor
Department of Plastic Surgery
University of Texas Southwestern
Dallas, Texas

Dr. Jason Potter is a double board certified plastic surgeon serving the greater Dallas area with cosmetic and reconstructive plastic surgery options. Dr. Potter obtained his medical degree at the University of Texas Southwestern Medical School in Dallas, and subsequently earned his dental degree at the University of Washington School of Dentistry in Seattle. Following his formal education, Dr. Potter received advanced surgical training in general surgery, oral and maxillofacial surgery and plastic surgery at the University of Texas Southwestern Medical School. Dr. Potter lectures locally and nationally, is an active clinical faculty in the department of plastic surgery at the University of Texas Southwestern Medical Center, and holds multiple hospital affiliations in the Dallas, Ft. Worth area.

Tollefson, Travis - Director

MD, MPH, FACS
Professor and Director
Facial Plastic and Reconstructive Surgery
Otolaryngology-Head & Neck Surgery
University of California, Davis
Sacramento, California

Travis T. Tollefson MD MPH FACS Dr. Tollefson is Professor and Director of Facial Plastic & Reconstructive Surgery at the University of California Davis, where he specializes in cleft and pediatric craniofacial care, facial reconstruction and facial trauma care. His interest in the emerging field of Global Surgery and improving surgical access in low-resource countries led him to complete an MPH at the Harvard School of Public Health. He leads the CMF arm of the AO-Alliance.org, whose goal is to instill AO principles in facial injuries in low resource settings. A native Kansan, he attended medical school and residency in Otolaryngology-Head and Neck Surgery at the University of Kansas. His fellowship through the American Academy of Facial Plastic and Reconstructive Surgery was completed at UC Davis. His current research is focuses on clinical outcomes of patients with cleft lip-palate, facial trauma education in Africa, and development of iPad games for adjuvant speech therapy, and developing artificial muscle for facial paralysis. He coedited, Complete Cleft Care, an evidence-based textbook on team management of cleft lip-palate. He serves as his department's Director of Mentoring, as a Faculty Educator for the AOCMF, on the Board of the American Academy of Facial Plastic Surgery, the Board of Directors of the American Academy of Otolaryngology- Head and Neck Surgery, and the editorial board for JAMA Facial Plastic Surgery journal.

Alpert, Brian - Lecturer

DDS, FACD, FICD, FACS
Professor
Oral & Maxillofacial Surgery
University of Louisville
Louisville, Kentucky

Dr. Alpert was born in Southern California and grew up in Lake Placid, New York. He received his A.B. from University College of New York University in 1963 and is a 1967 graduate of the School of Dental & Oral Surgery, Columbia University. He did his residency in Oral & Maxillofacial Surgery at Long Island Jewish Medical Center – Queens Hospital Center. Following training, he served in the U. S. Army Dental Corps at both the 121stEvacuation Hospital in Korea and Womack Army Hospital at Ft. Bragg, N.C. He began his academic career at the University of Illinois as Assistant Professor of Oral & Maxillofacial Surgery . In 1973 he joined the faculty at the University of Louisville as Associate Professor and Director of the Advanced Training Program in Oral & Maxillofacial Surgery. He was then the youngest oral and maxillofacial surgery program director in the country. He was promoted to Professor in 1978 and became Chairman of Oral & Maxillofacial Surgery in the School of Dentistry and Chief at University Hospital in 1987. Not solely an "academic", he has always maintained an active, full-scope private practice. He is a Diplomate, Fellow or member of virtually all U.S. professional organizations pertaining to his specialty or dental education and has held leadership positions in most. Dr. Alpert has received the Harrigan Award, the Iula Award, the Osbon Award and was named the AONA Craniomaxillofacial Educator of the year in 2004 and the SSOMS Distinguished Educator in 2005. In both 2008 and 2018 he received ADEA Presidential Citations for his service to both dentistry and dental education. He received the Distinguished Service Award from the University of Louisville in 2009 and the Distinguished Alumni Achievement Award from Columbia University College of Dental Medicine in 2011. He has authored over 80 scientific publications and has lectured throughout the world on topics including craniomaxillofacial trauma, craniofacial and dentofacial deformity correction, management of odontogenic tumors, maxillofacial reconstruction, dental anesthesiology, implantology and OMFS education. Since 1985, Dr. Alpert has been active in the AO/ASIF, an international research and educational organization committed to advancing the treatment of musculoskeletal injuries, disease and deformities. He has served in several leadership positions both with AO North America and the AO Foundation representing Craniomaxillofacial Surgery. Since 1987 he has participated as faculty in 98 AO CMF courses of all varieties and in all regions. In 2007 he was elected an Honorary Trustee of the AO Foundation, an honor only bestowed on 4 other CMF surgeons in the 33 year history of the Foundation.

Cunningham, Larry - Lecturer

DDS, MD, FACS, FICD
Professor and Chief
Division of Oral and Maxillofacial Surgery
University of Kentucky
Lexington, Kentucky

Dr. Cunningham is Professor and Chief of the Division of Oral and Maxillofacial Surgery at the University of Kentucky College of Dentistry, and has previously served as the Director of Residency Training for 9 years. He was an AAOMS Faculty Educator Development Award (FEDA) recipient in 2002 and completed a one month AO/ASIF Fellowship in Freiburg, Germany in 2003. His clinical interests include craniofacial trauma and reconstruction, the treatment of secondary cleft defects, temporomandibular joint surgery, and orthognathic surgery. Dr. Cunningham is a Fellow of the American Association of Oral and Maxillofacial Surgeons and is a Diplomat of the American Board of Oral and Maxillofacial Surgery; he currently serves on the ABOMS Board of Directors. He currently serves as an AOCMFS Educational Board member and regularly lectures on facial trauma and reconstruction. Teenage children keep his wife and him busy at home, and he enjoys flying (general aviation) as a hobby.

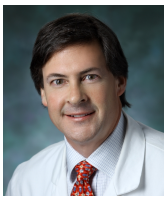
Fernandes, Rui - Lecturer

MD, DMD, FACS, FRCS(Ed)
Professor, Oral & Maxillofacial Surgery, Neurosurgery, Orthopedics
Director, Microvascular Fellowship
Chief, Division of Head Neck Surgery
University of Florida College of Medicine
Jacksonville, Florida

Futran, Neal - Lecturer

MD, DMD
Professor and Chair
Department of Otolaryngology-Head & Neck Surgery
Director of Head and Neck Surgery
University of Washington
Seattle, Washington

Neal D. Futran, MD, DMD joined the University of Washington faculty in 1995. He is currently the Allison T. Wanamaker Professor and Chair of the Department of Otolaryngology – Head and Neck Surgery. He is also the Director of Head and Neck Surgery as well as an adjunct professor in the departments of Plastic Surgery and Neurological Surgery. Dr. Futran earned his dentistry degree at the University of Pennsylvania and completed training in oral and maxillofacial surgery as well as an MD degree at the Health Science Center at Brooklyn, New York. He then trained in Otolaryngology – Head & Neck Surgery at the University of Rochester followed by a Head and Neck Oncology and Microvascular Surgery fellowship at Mount Sinai Hospital in New York with Dr. Mark Urken. Dr. Futran became an assistant professor in the Department of Otolaryngology at the University of South Florida in 1993 specializing in head and neck oncologic and reconstructive surgery and subsequently relocated to Seattle. Dr. Futran is board certified in Otolaryngology and has outstanding expertise and an active practice in head and neck oncology and microvascular reconstruction and rehabilitation of complex, oncology and trauma cases. He also specializes in skull base surgery utilizing both endoscopic and open approaches. His major research activities center on microvascular reconstruction of the head and neck and he also participates in grants studying molecular profiles and gene analysis in oral carcinogenesis. He enjoys teaching on the topics of head and neck reconstruction, craniofacial trauma, skull base surgery, and head and neck oncology worldwide. He is on the board of directors for the AO Foundation, a trustee of the UW Physicians, and a trustee of the Virginia Bloedel Hearing Research Institute. Dr. Futran is on the editorial boards of several scientific journals and holds the position of deputy editor of JAMA-Otolaryngology. He is listed in the Best Doctor's in America.



Grant, Michael - Lecturer

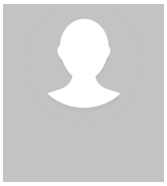
MD, PhD, FACS
Paul N. Manson Distinguished Professor
Chief - Plastic, Reconstructive & Maxillofacial Surgery
R Adams Cowley Shock Trauma Center
University of Maryland School of Medicine
Baltimore, Maryland

Michael P. Grant, MD, PhD, FACS Michael P. Grant, MD, PhD, FACS is the Paul N. Manson Distinguished Professor, and Chief of Plastic, Reconstructive and Maxillofacial Surgery at the R Adams Cowley Shock Trauma Center, University of Maryland Medical Center, and Professor of Surgery and Ophthalmology, University of Maryland School of Medicine in Baltimore Maryland. Previously, he served as Director of Oculoplastic Surgery, Wilmer Eye Institute, Johns Hopkins University School of Medicine as well as the chief of the Eye and Orbital Trauma Center at the Johns Hopkins Hospital. As one of the few dual-trained plastic surgeons and ophthalmologists, Dr Grant's specializes in complex craniomaxillofacial reconstruction the facial skeleton, and soft tissue of the periorbital region. This includes eyelid reconstruction, reconstruction of the internal orbit, and lacrimal system following trauma, removal of tumors, and congenital malformations. Working closely with industry partners Dr. Grant is developing and optimizing the application of computer assisted design of patient specific (custom) implants. Dr. Grant is an internationally recognized expert in the fields of primary and secondary orbital reconstruction, computer assisted surgery, and facial aesthetic surgery. Dr Grant's research interests include applying innovative solutions to difficult clinical problems. He is actively engaged in the development of biomaterials for conjunctival reconstruction, to provide lining for the orbit and maintenance of the heath of the ocular surface. This approach may prove useful in correction of all types of lining deficits craniofacial reconstruction. Using the "organ on a chip" approach, these studies have been extended by developing an "eye on a chip" 3D co-culture system to investigate the dynamics of the ocular surface and investigate novel therapies for dry eye treatment. In parallel, he is investigating mechanisms of immunomodulation in corneal injury and wound healing. A separate line of investigation involves utilizing progenitor cells for regeneration of bone in the craniofacial skeleton. Finally, Dr. Grant is involved application of computer assisted, and image guided surgical techniques to make orbital reconstruction safer and more predictable for patients. Dr Grant was selected as a trainee in the Medical Scientist Training Program at Case Western Reserve University, receiving a M.D., and Ph.D. in neurosciences. He completed the Ophthalmology residency at the Wilmer Eye Institute, Johns Hopkins Hospital, followed by a General Plastic Surgery residency in the Johns Hopkins/University of Maryland Training Program. Dr. Grant is one of only a few surgeons in the country that is board certified in both disciplines. He is a member of the American Society of Plastic Surgery, American Society of Maxillofacial Surgeons, American Society of Oculoplastic and Reconstructive Surgery, American Academy of Ophthalmology, and a fellow of the American College of Surgeons.

Ha, Richard - Lecturer

MD
Clinical Assistant Professor
Department of Plastic Surgery
University of Texas Southwestern Medical Center
Dallas Plastic Surgery Institute
Dallas, Texas

Dr. Ha received his undergraduate degree with honors from Brown University and his medical degree from the Indiana University School of Medicine. He completed his general surgery, plastic surgery, and craniofacial fellowship training from UT Southwestern Medical Center. Dr. Ha is certified by the American Board of Plastic Surgery and is a Clinical Assistant Professor at the UT Southwestern Department of Plastic Surgery. He is past-president of the Dallas Plastic Surgery Institute and serves as the Director of Facial Trauma (Plastic Surgery section) at Baylor University Medical Center. He also directs the Craniofacial Fellowship at the Pediatric Plastic Surgery Institute. Dr. Ha specializes in facial aesthetic surgery, cleft lip and palate repair, facial trauma, pediatric craniofacial surgery, microtia/ear reconstruction, facial reanimation, Moh's and head and neck reconstruction, breast reconstruction, and microsurgery.



Helling, Eric - Lecturer

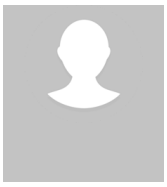
MD
Plastic and Reconstructive Surgery
Charlie Norwood VA Medical Center
Augusta, Georgia

32 years Active Duty US Army, 26 years as an Army Active Duty Physician. Intially a Ranger Medical Officer, then trained in Otolaryngology at Walter Reed Army Medical Center, then Plastic Surgery at UT San Antonio. Cared for numerous head and neck injured combat patients to include: Bosnia/Kosovo, Embassy bombings in Kenya/Tanzania, USS Cole injured, Afghanistan and Iraq wounded. Multiple combat deployments to include Office in Charge of the US Contingent at Camp Bastion Role 3 Hospital in 2013 (then the busiest combat hospital in the Iraq/Afghanistan war) and staffing the Forward Surgical team in Al Taqqadum, Iraq (Fallujah) in 2016, also the busiest combat medical facility at the time.

Kushner, George - Lecturer

DMD, MD, FACS
Professor
Oral and Maxillofacial Surgery
University of Louisville
Louisville, Kentucky

Dr. Kushner is a native of Pennsylvania. He graduated from Pennsylvania State University and Temple University School of Dentistry. Following his completion of his Oral and Maxillofacial Surgery residency at the University of Louisville he did a fellowship at the Oral Surgery Institute in Nashville, TN in TMD under Jeffery Carter D.M.D., M.D. After his fellowship he enrolled and graduated from medical school at The University of Alabama. He completed his general surgery core year at Brown University/Rhode Island Hospital. He came back to Louisville in 1993, becoming the Oral and Maxillofacial Surgery Program Director in 1994. He achieved the rank of full professor in 2007. He is a Diplomat, Fellow, or member of AAOMS, ADEA, SSOMS, and the American College of Surgeons, holding leadership positions in most of these organizations. Dr. Kushner lectures worldwide and is well published on a variety of topics in Oral and Maxillofacial Surgery. He is a Trustee of the AO Foundation, an international organization committed to excellence in musculoskeletal surgery. Dr. Kushner has become the "go to" surgeon in this area of the country for complex injuries, deformities, and complications.



Latham, Kerry - Lecturer

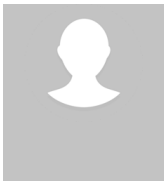
MD, FACS
Associate Professor of Surgery - USU
Plastic Surgery
Walter Reed National Military Medical Center
Bethesda, Maryland

Dr. Kerry Latham is a Craniofacial Plastic surgeon at Walter Reed National Military Medical Center in Bethesda MD. Dr. Latham , interested in craniofacial trauma, pediatric craniofacial surgery, global surgery and surgical education. Dr. Latham is as Associate Professor of Surgery at the Uniformed Services University of the Health Sciences in Bethesda, MD and an Assistant Professor of Surgery at University of Maryland and is the Director of Medical Education at Joint Base Andrews, MD.

Manson, Paul - Lecturer

MD
Distinguished Service Professor
Plastic, Reconstructive and Maxillofacial Surgery
Johns Hopkins University School of Medicine
Professor of Surgery
University of Maryland Shock Trauma Unit
Baltimore, Maryland

Paul Manson worked for years leading the Plastic Surgery Service in the University of Maryland Shock Trauma Institute from 1977-2000, concentrating on developing principles and techniques for Maxillofacial Trauma Treatment. These basic reconstructive principles were then applied to facial defects from trauma, cancer and acquired conditions. He served as Chairman of Plastic and Reconstructive Surgery at Johns Hopkins and led the Johns Hopkins-University of Maryland Combined Plastic Surgery program from 1990-2010. His career now focuses on reconstructive facial surgery for defects from cancer of the head and neck area, concentrating on the face and scalp.



Sawhney, Raja - Lecturer

MD, MFA, FACS
Associate Professor
Facial Plastics and Reconstructive Surgery
Otolaryngology / Head and Neck Surgery
University of Florida
Gainesville, Florida

Schmalbach, Cecelia - Lecturer

MD, MSc, FACS
The David Myers, MD Professor and Chair
Department of Otolaryngology – Head & Neck Surgery
Director, Temple Head & Neck Institute
Lewis Katz School of Medicine
Temple University
Philadelphia, Pennsylvania

Strong, Bradley - Lecturer

MD, FACS
Professor, Vice-chairman and Clinical Director
Department of Otolaryngology
University of California, Davis School of Medicine
2521 Stockton Blvd.,
Suite 7200
Sacramento, California

Dr. Strong's clinical interests lie in both reconstructive facial plastic surgery as well as endoscopic sinus/skull base surgery. Dr. Strong has extensive experience in computer aided surgery (virtual surgical planning, rapid prototyping, 3D printing, intra-operative navigation, and intra-operative imaging) – applying these techniques for the treatment of maxillofacial injuries, sinusitis, and skull base surgery. He is internationally recognized for his expertise in the management of complex maxillofacial trauma, including orbital reconstruction and frontal sinus surgery.

AONA 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.

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.

Acknowledgment

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.