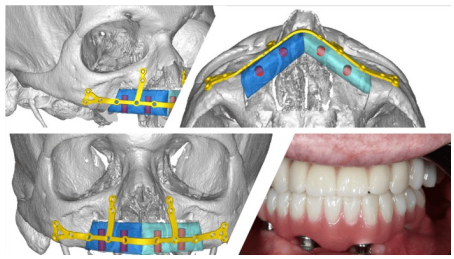
AO CMF NA Course—Advanced Head and Neck Oncologic Reconstruction (with human anatomical specimens)

September 26, 2025 - September 28, 2025
Palm Beach Gardens, Florida, USA



This AO CMF NA advanced-level course provides an unparalleled hands-on experience focused on head and neck oncology reconstruction, combining the use of human anatomical specimens with state-of-the-art technology. Led by world-renowned experts in the field, participants will gain in-depth knowledge of cutting-edge surgical techniques, including microvascular free tissue transfer, VSP, VR/XR planning for complex defects. Through a combination of didactic lectures, live demonstrations, and practical dissection sessions, attendees will refine their skills in optimizing reconstructive outcomes for oncologic defects of the face, oral cavity, pharynx, and larynx.

Emphasizing precision, innovation, industry collaboration, and best practices, this course is designed for surgeons looking to elevate their expertise in reconstructive strategies that restore both function and aesthetics. Whether you are an experienced reconstructive surgeon or an advanced trainee, this immersive experience will provide invaluable insights and technical refinement in the evolving landscape of head and neck oncologic surgery. In addition, you will connect and gain personal mentorship from some of the most widely recognized head and neck reconstructive surgeons in the field.

During this course, participants will learn:

- An advanced understanding specific to head and neck oncologic reconstruction.
- State of the art surgical planning skills using the latest virtual and computerized planning techniques.
- In-depth understanding of immediate prosthetic reconstruction (Jaw in a Day).
- Hands on experience in the lab with surgical techniques and planning strategies.
- State of the art industry technology demonstrations.
- Strategies to optimize oncologic reconstruction outcomes.
- Strategies and tips to optimize microsurgical outcomes, troubleshoot microsurgical challenges and improve performance.

Prerequisite

Completion of an ***AO CMF NA Management of Facial Trauma*** course is preferred, but not required, for attendance.

Target Audience

Residents interested in advance oncologic reconstruction, OMFS, OTO, PRS, PGY 4 and above, Fellows, and Attending Surgeons.

Event Summary

Tuition:
Level Name: Participant - Craniomaxillofacial
Pricing Tier: Resident
Tuition: $1,875.00

Level Name: Participant - Craniomaxillofacial
Pricing Tier: Attending
Tuition: $2,500.00

Course Prerequisite(s):
No Prerequisites

Venue:
JnJ Institute - Palm Beach Gardens
4800 River side Dr
Palm Beach Gardens, Florida, USA
Phone Number: 561-6271080

Language(s):
English

Directly Provided by:
AO North America

Professional Level Prerequisite(s):

- Residency Year 4
- Residency Year 5
- Residency Year 6
- Residency Year 7
- Residency Year 8
- Fellow
- Practicing

CME

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

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)

Learning Objectives

Upon completion, participants should be able to:

- Display current knowledge regarding state of the art mandibular and maxillary reconstruction with immediate dental implants, Jaw in a Day (JIAD)
- Display current knowledge regarding state of the art surgical planning with VSP/VR/AR applications
- Demonstrate the psychomotor skills necessary to perform robotic microvascular anastomosis and understand benefits of this technology
- Generate a pre-surgical plan using computer-aided virtual reality (VR) planning software
- Identify the current state of the art modalities with skull-based navigation technologies
- Display advanced knowledge in free tissue transfer reconstruction including soft tissue contouring, suspension, flap manipulation, facial nerve re-animation
- Design and implement an Enhanced Recovery Program and Outcomes Optimization Program for head and neck oncologic reconstruction

Faculty

Miles, Brett - Chairperson

DDS, MD, FACS
Professor and Chair
Department of Otolaryngology & Head and Neck Surgery
Northwell Health
Lenox Hill Hospital/Manhattan Eye Ear and Throat Hospital
New York, New York

Dr. Miles is a dual trained Oral and Maxillofacial surgeon, and Otolaryngologist Head and Neck surgeon and is Professor and Chair of the Department of Otolaryngology, in the Division of Head and Neck Oncology at at Northwell Health in New York, Lenox Hill Hospital/Manhattan Eye Ear and Throat. He is currently serving on the American Head and Neck Society Microvascular Reconstruction Board and has clinical expertise in head and neck oncology/microvascular surgery, and complex reconstructive surgery and oral/maxillofacial surgery/trauma.

Futran, Neal - Co-Chairperson

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

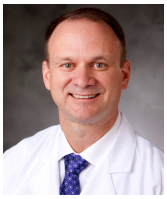
Neal D. Futran, MD, DMD joined the University of Washington faculty in 1995. He is currently the Allison T. Wanamaker Professor and Chair of the Department of Otolaryngology – Head and Neck Surgery. He is also the Director of Head and Neck Surgery as well as an adjunct professor in the departments of 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 was 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 held the position of deputy editor of JAMA-Otolaryngology. He is listed in the Best Doctor's in America.

King, Timothy - Co-Chairperson

MD, PhD, MBA, MS, FAAP, FACS
Stuteville Chief and Professor of Plastic Surgery
Associate Dean of MD/PhD Program
Loyola University Chicago Stritch School of Medicine

Chief of Plastic Surgery
Edward Hines Jr. Veterans Hospital
Maywood, Illinois

Dr. Timothy W. King is an adult and pediatric plastic surgeon, the Stuteville Chief of Plastic Surgery at the Loyola University Medical Center. He is also the Associate Dean of the MD/PhD Program, Professor with Tenure at the Loyola Stritch School of Medicine and the Chief of Plastic Surgery at the Edward Hines Jr. VA Hospital. He completed his plastic surgery training at the Institute of Reconstructive Plastic Surgery at the New York University Medical Center, followed by a fellowship in pediatric plastic surgery at the Northwestern University Children's Memorial Hospital in Chicago, IL. He has a Bachelors and Masters degree in Bioengineering from Texas A&M University, a PhD in Biophysics from MD Anderson Cancer Center, where he also obtained two patents in biodegradable microspheres and an MBA from Boston University. His clinical practice concentrates on plastic and reconstructive surgery in infants, children, and adults with facial trauma, lower extremity trauma, hand trauma, cancer needing reconstruction, cleft lip and palate, and other congenital anomalies. He is a past recipient of the American Association of Plastic Surgeons Academic Scholar Award and the American College of Surgeons Louis C. Argenta Faculty Research Fellowship, two of the most prestigious foundation career development awards available to a surgeon. He is the Past-President of the Plastic Surgery Research Council (PSRC), Past-President of the American Association of Pediatric Plastic Surgeons, Past-President of the Section of Plastic Surgery for the American Academy of Pediatrics, Past-Vice-President of the International Society for Pediatric Wound Care, and the Past-Board Member of the American Society of Plastic Surgeons and the Wound Healing Society. He is the Past-Associate Editor of Plastic Surgery and Wound Healing for the Journal of Surgical Research. Currently, he is the Section Editor of the journal FACE, and Associate Editor of Craniomaxillofacial Trauma and Reconstruction. He has been selected for membership into the Society of University Surgeons, the American Association of Plastic Surgeons, Alpha Omega Alpha & the Surgical Biology Club II.



Powers, David - Director

MD, DMD, FACS, FRCS(Ed)
Professor of Surgery
Director, Duke Craniomaxillofacial Trauma Program
Fellowship Director, Craniomaxillofacial Trauma and Reconstructive Surgery
Vice Chair and Chief of Oral & Maxillofacial Surgery
Division of Plastic, 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.

Bevans, Scott - Lecturer

MD
Associate Professor, Uniformed Services University
Facial Plastic & Reconstructive Surgery
Head & Neck Oncology, Microvascular Surgery
Chief, Department of Otolaryngology
Tripler Army Medical Center
Honolulu, Hawaii

Lieutenant Colonel Scott Bevans is in the US Army and currently serving as a Head and Neck Oncologist, Facial Plastic and Reconstructive Surgeon at Tripler Army Medical Center in Honolulu, HI. He holds the academic rank of Associate Professor at the Uniformed Services University, is AO CMF faculty, and is the current Chairman of the Academy of Otolaryngology Trauma Committee. Following residency in Otolaryngology, Head and Neck surgery, he completed fellowship training in Facial Plastic and Reconstructive Surgery as well as Head and Neck Oncology, Microvascular surgery. After fellowship, he became Chief of Facial Trauma Surgery at a level 1 trauma center in Texas. Dr. Bevans is passionate about surgical education in resource-limited countries and has performed more than ten international surgical missions to Asia. He has additionally served in the Middle East as part of a head and neck trauma team during Operation Inherent Resolve.

Brecht, Lawrence - Lecturer

DDS
Director of Maxillofacial Prosthetics
Department of Dental Medicine / OMFS
Department of Otolaryngology
Lenox Hill Hospital, Long Island Jewish Medical Center
North Shore University Hospital - Northwell Health
New York, New York

Dr. Brecht is currently the Director of Maxillofacial Prosthetics at Lenox Hill Hospital, Long Island Jewish Medical Center and North Shore University Hospital of the Northwell Health System, the largest hospital system in New York State. In addition, he serves as the Director of Maxillofacial Prosthetics in the Postgraduate Prosthodontic Program of NYU College of Dentistry where he is an Adjunct Associate Clinical Professor of Prosthodontics as well as an Associate Clinical Professor in the Department of Otolaryngology-Head & Neck Surgery at NYU Langone School of Medicine. Dr. Brecht also has the privilege of an appointment in the Department of Head & Neck Surgery at MD Anderson Cancer Center of The University of Texas. Prior to its dissolution in 2015, for over 25 years, Dr. Brecht served as the Director of Dental Services at the Institute of Reconstructive Plastic Surgery at NYU Langone Medical Center with appointments at NYU School of Medicine in the Department of Plastic Surgery. Dr. Brecht maintains a private practice in Manhattan limited to Maxillofacial Prosthetics and Prosthodontics He has authored numerous articles and book chapters on the maxillofacial reconstruction and oral rehabilitation of patients with cancer or craniofacial anomalies. He is part of the team that developed the ”Jaw-in-a-Day” (JIAD) technique for immediate reconstruction of the maxilla or mandible with microvascular composite flaps along with immediate implants and prosthetic rehabilitation. Similarly, he was part of the team that developed nasoalveolar molding (NAM) for the care of infants with a cleft. He is a past-president of the Greater New York Academy of Prosthodontics and the American Academy of Maxillofacial Prosthetics (AAMP). He is also a Fellow of the Academy of Prosthodontics as well as the ITI (USA). He is the Director of the ITI Study Club of Greater New York. In addition, Dr. Brecht has received numerous awards, including the Andrew J. Ackerman Award from the AAMP for outstanding contributions to the field of maxillofacial prosthetics. He is also one of the authors of the textbook, “The Immediacy Concept” published in 2022 by Quintessence. He lectures regularly both nationally and internationally on the topics of immediate reconstruction throughout the oral cavity and maxillofacial region. Dr. Brecht serves as the president of The Maxillofacial Foundation as well as the NextGenFace Foundation.

Gal, Thomas - Lecturer

MD, MPH, FACS
Division of Head and Neck Oncology,
Microvascular Surgery and Maxillofacial Trauma
Department of Otolaryngology
University of Kentucky
Lexington, Kentucky

Dr. Thomas Gal is a Professor of Otolaryngology at the University of Kentucky. He is fellowship trained in Head and Neck Oncology and Microvascular Reconstruction. His clinical interests include head and neck oncology, head and neck reconstruction, and maxillofacial trauma, particularly minimally invasive and endoscopic approaches to the maxillofacial skeleton. Dr. Gal is a Fellow of the American College of Surgeons and Board Certified in Otolarngology-Head and Neck Surgery.

Helling, Eric - Lecturer

MD
Plastic Surgery Service
Charlie Norwood VA Medical Center
Augusta, Georgia

32 years Active Duty US Army, 26 years as an Army Active Duty Physician. 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 Officer 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. Current focus is cancer and trauma reconstruction of Veterans with emphasis on Head and Neck reconstruction.

Hirsch, David - Lecturer

DDS, MD
Dr.
Northwell Health
Svp Oral and maxillofacial surgery
N.Y., New York

Dr. David Hirsch is a dual degree (MD, DDS, FACS), board certified Maxillofacial Surgeon. Dr. Hirsch graduated with honors from Cornell University where, in addition to his studies, he won the NCAA Division 1 Championship in Wrestling, and was a two-time All-American and a three-time Eastern champion. Dr. Hirsch graduated with honors from New York University College of Dentistry. Following Dental School, Dr. Hirsch went on to complete medical school at NYU and a six-year Oral and Maxillofacial Surgery Residency at Bellevue/NYU. Dr. Hirsch also completed an internship in general surgery at NYU. He concluded his training with a Head and Neck Surgical Oncology Fellowship in Portland, Oregon. Dr. Hirsch's areas of interest include oral oncology, salivary gland pathology, skin cancer, head and neck reconstruction as well as technological advances in surgery. He has authored numerous chapters and papers on the subject of computer aided surgical simulation in head and neck reconstruction, trauma, and orthognathic surgery. He led a team who innovated and performed the first “Jaw in a day” in the world. This comprehensive complete head and neck reconstruction included a microvascular free fibula flap, dental implants, and dental prosthesis in a one stage surgery. He and his colleagues have written numerous abstracts, journal articles, and chapters on the subject and continue ongoing research. Dr. Hirsch is currently Chairman & SVP, Division of Oral and Maxillofacial Surgery at Northwell Health Long Island Jewish Medical Center, Department of Dental Medicine.

Parmar, Satyesh - Lecturer

BChD, BMBS, BMedSci, FRCS, FDSRCS
Mr.
Oral and Maxillofacial / Head and Neck Surgeon
University Hospital Birmingham
Birmingham

Sat was appointed as an Oral and Maxillofacial /Head and Neck /Reconstructive Surgeon at the University Hospital of Birmingham in 2003. He is one of the directors of the European Head and Neck Course and the Head and Neck Oncology for Surgeons courses. He is a former board member for the European Head and Neck Society and previously sat on the steering committee for the Make Sense Campaign. He was a council member for the British Association of Head and Neck Oncologists (BAHNO) and Past President for the British Association of Oral and Maxillofacial Surgeons. He was the chair for AOCMF for the United Kingdom and a former European Board member for AO. He has chaired and directed numerous AO and other courses. He has been elected chair of AOCMF Europe and South Africa He is a trustee for several charities He is the author of numerous book chapters and publications. He carries out most aspects of general Oral and Maxillofacial Surgery but his sub-specialist interest is Salivary Gland/Head and Neck Cancer and Reconstruction. He also has an interest in implant rehabilitation for head and neck cancer patients

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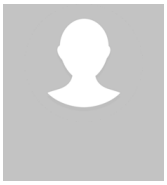
Pirgousis, Phil - Lecturer

MD, FACS, FRCS, FRACS
Associate Professor
Division of H&N/ Reconstructive Surgery
Department of Otorhinolaryngology/ Head & Neck Surgery
Mayo Clinic, College of Medicine
Jacksonville, Florida

Associate Professor within the Department of Otolaryngology- Head & Neck Surgery at Mayo Clinic Florida. Clinical practice focused on Head & Neck Surgical Oncology including Reconstructive Surgery. Academic focus on outcomes research/ functional outcomes following treatment of head and neck cancers.

Roubaud, Margaret - Lecturer

FACS, MD
Associate Professor
Microsurgery Program Director
University of Texas MD Anderson Cancer Center
Houston, Texas



Silva, Amanda - Lecturer
MD
Dr
Plastic & Reconstructive Surgery
University of Virginia
Charlottesville, Virginia

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.

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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.

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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

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AO North America gratefully acknowledges in-kind support for equipment and technical staff from J&JMedTech.

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