ADVANCED COURSE

AO North America

The Future of Maxillofacial Reconstruction: Augmented Reality, Artificial Intelligence, & Computer-Aided Solutions

AO CMF NA COURSE

MAY 1-3, 2026

TAMPA, FL

COURSE OVERVIEW

AO CMF North America presents this advanced course in computer-aided maxillofacial surgery. There will be lectures by world-renowned experts covering topics in congenital, post-trauma & oncologic reconstruction, utilizing cutting-edge applications including AI, augmented & virtual reality, as well as intra-operative imaging and navigation.

After the lecture series, participants will complete three different surgical modules utilizing cadaveric specimens:

- Post-traumatic orbito-zygomatic reconstruction using patient-specific implants
- Fibula free flap mandibular reconstruction utilizing a single procedure dental restoration technique
- Augmented reality guided zygoma reduction and frontal sinusotomy

An emerging technology session will provide participants with an opportunity for hands-on experience using multiple virtual and augmented reality goggles for presurgical planning, surgical execution, as well as resident and patient education applications.

Registered participants are required to bring either a laptop or an iPad to the course with a generative AI program already installed on it (ChatGPT, Claude, Gemini, etc). This is to be used during the course.

TARGET AUDIENCE

Enrollment is open to practicing surgeons, resident/senior residents (PGY-3 and above), and fellows in oral and maxillofacial surgery, plastic surgery, otolaryngology surgery, facial plastic, and reconstructive surgery, and other surgical specialties.

TUITION

Residents/Fellows: $2,000.00
Attending: $2,750.00

COURSE FACULTY

CHAIRPERSON
Bradley Strong, MD

CO-CHAIRPERSON
Michael Grant, MD, PhD, FACS

CO-CHAIRPERSON
Daniel Hammer, DDS, FACS

DIRECTOR
David Powers, MD, DMD, FACS, FRCS(Ed)

VISIT AONA.ORG TO LEARN MORE

Questions? Contact Member Relations
memberrelations@aona.org | 610-695-2459

REGISTER

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