



PROGRAM

AO CMF Seminar—Concepts and Controversies in Orbital Surgery

Oct 30, 2026
Ferrara, Italy

Level: Principles
Language: English



University
of Ferrara

Department of Neuroscience
and Rehabilitation

Goal of the event

The goal of this AO CMF educational event is to provide participants with a critical, evidence-based, and experience-driven understanding of contemporary orbital surgery. The course aims to challenge established dogmas, highlight ongoing controversies, and promote sound clinical judgment in the management of complex orbital trauma, deformities, and disease through a multidisciplinary perspective.

Target participants

This course is designed for: Oral and Maxillofacial Surgeons Cranio-Maxillofacial Surgeons Plastic and Reconstructive Surgeons with an interest in orbital surgery Oculoplastic and Orbital Surgeons ENT surgeons involved in orbital pathology Senior residents, fellows, and young consultants seeking advanced decision-making skills in orbital surgery

Learning objectives

After completing this course, participants will be able to:

Analyze orbital anatomy and pathology with a focus on risk zones, decision-making traps, and functional consequences

Critically evaluate digital planning, navigation, and patient-specific implants, understanding both their advantages and limitations

Compare timing strategies in acute orbital trauma, including early versus delayed reconstruction, with special consideration for pediatric patients

Formulate treatment strategies for orbital tumors and deformities using interdisciplinary principles

Balance oncologic radicality with functional preservation in complex orbital cases

Identify, prevent, and manage functional complications such as diplopia, vision loss, and periorbital lymphedema

Apply case-based reasoning to real-world orbital surgery dilemmas through expert debate and cross-fire discussions

Event description

This one-day AO CMF seminar focuses on concepts and controversies in orbital surgery, emphasizing decision-making rather than technical recipes. Through expert lectures, structured cross-fire debates, and case-based round tables, participants will explore critical issues in orbital trauma, reconstruction, oncology, and functional complications.

The program integrates perspectives from maxillofacial surgery, ophthalmology, radiology, and microsurgery to reflect the true multidisciplinary nature of orbital care. Particular attention is given to functional outcomes, complication management, and the limits of modern technology.

Rather than providing definitive answers, the course encourages critical thinking, discussion, and reflection—equipping participants with practical frameworks to manage complex orbital cases in daily clinical practice.



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October 30, 2026 Ferrara, Italy

Register and learn from the best

Gain practical insights into contemporary orbital surgery through expert-led discussions on trauma, reconstruction, oncology, and functional outcomes. Challenge conventional thinking, explore current controversies, and strengthen your decision-making in complex orbital cases.

Key topics

- Orbital trauma and reconstruction
- Surgical anatomy and decision-making
- Digital planning and navigation
- Patient-specific implants
- Orbital tumors and deformities
- Functional complications
- Pediatric orbital trauma
- Multidisciplinary orbital care
- Current controversies in orbital surgery
- Case-based discussions and expert debates

Registration and Information

Standard Ticket: EUR 239 Member Ticket: EUR 119

Venue: Università degli Studi di Ferrara - Nuovo Polo Didattico di Cona, Via Aldo Moro, 22 44121 Cona, Ferrara, Italy

Seminar language: English



Chairpersons



Majeed Rana
Albert Einstein University
Ulm, Germany



Manlio Galiè
St. Anna Hospital & University
Ferrara, Italy

Faculty Disclosure

All contributors to this educational activity must disclose all financial relationships they have had in the last 36 months with ineligible companies prior to the event. These potential conflicts of interest are reviewed and mitigated by designated mitigators. Ineligible companies are defined as any entity whose primary business is producing, marketing, selling, re-selling, or distributing healthcare

products used by or on patients. Mitigators for event Faculty are the Chairpersons of the respective event. Chairpersons and other members of the organizing/scientific committee are mitigated by a member of the education committee or board of the respective AO clinical specialty. You can find more in-depth information on the AO Foundation “[Continuing medical education \(CME\) accreditation and compliance](#)” on the AO website.

Event COI disclosures may be accessed and downloaded directly from the event website.

International Faculty

Manlio Galiè	Co-Chairperson	St. Anna Hospital & University, Ferrara, Italy
Majeed Rana	Co-Chairperson	Albert Einstein University, Ulm Germany
Beat Hammer	Faculty Regional	cfc Hirslanden Aarau, Switzerland
Nicholas Kalavrezos	Faculty Regional	UCL London Hospitals, NHS Foundation Trust, UK
Lelio Baldeschi	Faculty National	Catholic University of Louvain, Brussels, Belgium
Marina Corsico	Faculty National	Città della Salute e della Scienza, Turin, Italy
Stefano Fusetti	Faculty National	University of Padua, Italy
Paolo Gennaro	Faculty National	University of Siena, Italy
Giovanni Gerbino	Faculty National	University of Turin, Italy
Marco Mura	Faculty National	University of Ferrara, Italy
Guglielmo Ramieri	Faculty National	University of Turin, Italy
Davide Sozzi	Faculty National	University of Milan-Bicocca, Italy
Riccardo Tieghi	Faculty National	S. Anna Hospital and University, Ferrara, Italy
Valentino Valentini	Faculty National	Sapienza University of Rome, Italy
Emanuele Zavattero	Faculty National	University of Turin, Italy
Angela Rosa Caso	Guest Speaker	University of Siena, Italy

Agenda

Friday

October 30, 2026

08:30 - 09:00 Registration

09:00 - 09:15 **Opening & Course Framing**

Who should perform orbital surgery and why ?
Majeed Rana & Manlio Galié

Module 1

Planning the Orbit: Precision or Illusion?

Moderator: Guglielmo Ramieri

09:15 - 09:30 **3D Surgical Anatomy of the Orbit**

Danger zones, false safety, and cognitive traps
Beat Hammer

09:30 - 10:00 **Digital Planning & Patient-Specific Implants, Navigation and intraoperative imaging**

When technology saves you – and when it misleads you
Emanuele Zavattero

10:00 - 10:30 **Cross-Fire I: Titanium Fan Plates vs. PSI – Evidence or Ego?**

- Pro PSI: Giovanni Gerbino
- Pro Titanium: Beat Hammer · Valentino Valentini

10:30 - 10:45

Coffee Break

Module 2

Acute Orbital Trauma: Timing Is a Weapon

Moderator: Manlio Galié

10:45 - 11:00

Primary Orbital Trauma

Blow-out, NOE, panfacial – one orbit, three decision logics
Stefano Fusetti

11:00 - 11:50

Cross-Fire II: Early Surgery vs. Delayed Reconstruction

- Early intervention: Guglielmo Ramieri
 - Delayed / secondary interventions:
Majeed Rana
 - Pediatric considerations: Lelio Baldeschi
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11:50 - 12:00

Q&A

12:00 - 13:00

Cross-Fire III – Round Table

Orbital diseases and deformities
Moderator: Majeed Rana
Panel: Nick Kalavrezos · Manlio Galié ·
Valentino Valentini · Marco Mura (case
based discussion)

13:00 - 14:00

Lunch break

Module 3

Special Orbits, Special Rules

Moderator: Valentino Valentini, Andrea Saletti

14:00 - 14:30

The Pediatric Orbital Cavity from different perspectives

Davide Sozzi vs Lelio Baldeschi

14:30 - 15:30 Orbital Tumors – Interdisciplinary approach

Marina Corsico

Valentino Valentini – Nick Kalavrezos

Marco Mura

15:30 - 16:00 Cross-Fire IV: Radical Resection vs. Functional Preservation

- **Radical oncologic control: Valentino Valentini**
 - **Function-first strategy: Paolo Gennaro (Rana)**
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16:00 - 16:15 Coffee Break

Module 4

Function Is the Outcome

Moderator: Guglielmo Ramieri

16:15 - 17:00 Diplopia & Vision Loss after Orbital Surgery

Prevention, responsibility, salvage, accept & rehabilitate

Riccardo Tieghi · Lelio Baldeschi · Marco Mura

Module 5

Periorbital Lymphedema – The Forgotten Complication

Moderator: Majeed Rana

17:00 - 17:20 Periorbital Lymphedema – The Forgotten Complication

Supermicrosurgical lymphatic-venous anastomoses

Paolo Gennaro

17:20 - 18:20

Cross-Fire VI: Structural Reconstruction vs. Functional Microsurgery

Case based discussion

Majeed Rana vs Nick Kalavrezos

18:20 - 18:35

Take-Home Messages & Closing

Majeed Rana · Manlio Galié

Event Terms

General information

Event organization compliance

In certain countries where AO has no office but offers educational events, the AO cooperates with third party companies to conduct local organization and logistics, as well as to communicate with participants in the local language. In these cases, the AO has put rules and guidelines in place to ensure that this cooperation has no impact on the curricula, scientific program, or faculty selection.

AO funding sources

Unrestricted educational grants from different sources are collected and pooled together centrally by the AO. All events are planned and scheduled by local and regional AO surgeon groups based on local needs assessments. We rely on industrial/commercial partners for in-kind support to run simulations/skills training if educationally needed.

Evaluation guidelines

All AO events apply the same evaluation process, which includes pre- and post-event online evaluation and on-site written questionnaires. These evaluation tools help ensure that AO continues to meet your training needs.

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The AO Foundation reserves the right to film, photograph, and audio record during their events. Participants must understand that in this context they may appear in these recorded materials. The AO Foundation assumes participants agree that these recorded materials may be used for AO marketing and other purposes and made available to the public.

Security

There will be a security check at the entrance of the building. Wearing of a name tag is compulsory during lectures, workshops, and group discussions.

No insurance

The event organization does not take out insurance to cover any individual against accidents, theft, or other risks.

Use of mobile phone

Mobile phone use is not allowed in the lecture halls and in other rooms during educational activities. Please be considerate of others by turning off your mobile phone.