AO PEER Course—
Publication Writing
Mission
The AO’s mission is promoting excellence in patient care and outcomes in trauma and musculoskeletal disorders.

Purpose statement
In its work to advance the AO’s mission, AO PEER’s purpose is to support surgeons in their clinical and translational research activities with innovative education and tools.

AO PEER offerings

Level 1
Principles of clinical research course
8 modules
• Importance of research
• Basics of GCP
• Study questions
• Literature review
• Research environment
• Basics of statistical thinking
• Basics of medical writing
• Make your research project a success

Level 2
Advanced courses
• Grant writing
• Study management and GCP
• Publication writing

Level 3
Research mentorship program
Welcome
Dear AO PEER course participant,

It is our distinct pleasure to welcome you to the AO PEER course. Like you, we understand that research is key to advancing patient outcomes and—like you—we know that initiating, planning and conducting research can be challenging. AO PEER learning opportunities are designed for by surgeons, for surgeons, and the AO PEER Level II Publication Writing course is designed to take your publication writing skills to the next level.

It is an interactive course on how to successfully write a publication. We will give you the tools needed to write your publication with a methodical, step-by-step approach. We are committed to advancing clinical research for the benefit of your patients.

Sincerely yours,

Name
Job, Work place
Course description

This one and a half-day course is organized in four modules and includes interactive discussions and workshops, preceded by online preparation activities.

The course covers the different types of manuscripts and the structure, the actual writing of a manuscript, ethical considerations, authorship, and the review process of scientific articles.

For more information, please visit www.aopeer.org. Access is free for all members of an AO Clinical Division.

Goal of the course

The goal of the AO PEER Publication Writing course is to explain the different types of manuscripts including their structure and present the reporting guidelines. The course includes a writing workshop to help participants overcome any writing barriers. Furthermore, the course gives an insight into the ethical guidelines, authorship and how to deal with rejections..

Target participants

This course is targeted toward individuals who are publishing a paper or studying for a PhD or need to mentor/supervise students, PhD candidates, or residents in their publication efforts.

Learning objectives

At the end of this course, participants should be able to:
- Differentiate between case reports, scientific manuscripts, and systematic reviews
- Write a manuscript by applying the relevant reporting guidelines and following the correct manuscript structure
- Apply the most important ethical guidelines in publishing
- Deal with authorship
- Deal with a manuscript rejection
Chairperson(s)

Name
Job, Work place

Teacher
Mandatory precourse activities for participants

- Bring all information of a study you were involved in to this course.
- Watch the recorded lecture "Literature search".
- Complete the eLearning module "Getting ready to publish".

Course prerequisite

AO PEER Principles of Clinical Research course (or similar education on the principles of clinical research)

Organizational aspects

Please bring your own laptop to the course.

Day

Date

Location: xxx

Module 1
Types of manuscripts

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<td>Types of manuscripts</td>
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<td>Introduction</td>
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<td>• Case report / expert advice</td>
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<td>• Scientific or data driven manuscript</td>
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<td>• Systematic review / meta analysis</td>
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<tr>
<td>15</td>
<td>Introduction to reporting guidelines</td>
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<td>160</td>
<td>Manuscript structure/guidelines</td>
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<td>Practical exercise based on examples of two RCTs</td>
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<td>• Use the CONSORT guideline to review the content and structure of 2 articles</td>
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<td>• Compare and contrast two different guidelines</td>
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<td>15</td>
<td>Break</td>
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<td>15</td>
<td>Systematic Literature Review/Meta-analysis (recap)</td>
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<td>Lecture</td>
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Module 2
Writing

| 30  | How to create an outline for your manuscript |     |
|     | Practical Excercise |         |
| 60  | How to improve your writing |     |
|     | Lecture and plenary discussion |       |

Module 3
Ethical considerations

| 45  | Ethical considerations in publishing |     |
|     | Small group discussion |         |
| 45  | Authorship: Role play |     |
|     | Practical exercise |         |
# Module 4
**Submission and beyond**

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<td>10</td>
<td>Where to submit your paper</td>
<td>Lecture</td>
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<td>Review process</td>
<td>Lecture</td>
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<td>How to deal with rejections and revisions</td>
<td>Plenary discussion and examples</td>
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<td>Conclusions and feedback</td>
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End of course
Course organization

Course venue
Event information

Event fee
CHF xxx for non-AO members
CHF xxx for AO members
CHF xxx for other non-for-profit organizations and
SwAPP members
Your registration fee includes:
• Attendance of all lectures/practical sessions
• Teaching material for the course
• Coffee breaks and lunch

Intellectual property
Event materials, presentations, and case studies
are the intellectual property of the event faculty.
All rights are reserved. For more information, please see:
www.aofoundation.org/legal.

Recording, photographing, or copying lectures, practical
exercises, case discussions, or any event materials is strictly
forbidden. Participants violating intellectual property will be
dismissed.

Security
If applicable

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

Use of mobile phones
Use of mobile phones is not permitted in the lecture halls or
in other rooms during educational activities. Please be
considerate of others by turning off your mobile phone.

Dress code
Business casual
Principles of AO educational events

1. Academic independence
Development of all curricula, design of scientific event programs, and selection of faculty are the sole responsibilities of volunteer AO network surgeons. All education is planned based on needs assessment data, designed and evaluated using concepts and evidence from the most current medical education research, and reflects the expertise of the AO Education Institute (www.aofoundation.org).
Industry participation is not allowed during the entire curriculum development and planning process to ensure academic independence and to keep content free from bias.

2. Compliance to accreditation and industry codes
All planning, organization, and execution of educational activities follow existing codes for accreditation of high-quality education:
- Accreditation Criteria of the Accreditation Council for Continuing Medical Education, US (www.accme.org)
- ACCME Standards for Commercial Support: Standards to Ensure Independence in CME Activities (www.accme.org)
- Criteria for Accreditation of Live Educational Events of the European Accreditation Council for Continuing Medical Education (www.uems.eu)
Events that receive direct or indirect unrestricted educational grants or in-kind support from industry also follow the ethical codes of the medical industry, such as:
- Eucomed Guidelines on Interactions with Healthcare Professionals (www.medtecheurope.org)
- AdvaMed Code of Ethics on Interactions with Health Care Professionals (advamed.org)
- Mecomed Guidelines on Interactions with Healthcare Professionals (www.mecomed.org)

3. Branding and advertising
No industry logos or advertising (apart from the AO Foundation and its clinical divisions) are permitted in the area where educational activities take place.
Sponsors providing financial or in-kind support are allowed to have a promotional booth or run activities outside the educational area with approval from the event chairperson.

4. Use of technologies and products in simulations
In case simulations are chosen as an educational method to educate skills, we only use technology approved by the AO Technical Commission—a large independent group of volunteer surgeons developing and peer reviewing new technology.
More information about the AO Technical Commission and its development and approval processes can be found on the AO’s website: www.aofoundation.org.

5. Personnel
Industry staff members are not permitted to interfere with the educational content or engage in educational activities during the event.
Notes
Upcoming AO PEER courses

For upcoming AO PEER courses please visit www.aopeer.org
The AO is a medically-guided, not-for-profit organization, a global network of surgeons, and the world’s leading education, innovation, and research organization specializing in the surgical treatment of trauma and musculoskeletal disorders. Today the AO has a global community of over 215,000 health care professionals in the fields of trauma, spine, craniomaxillofacial, veterinary, and reconstructive surgery. Each year the AO offers over 830 educational events globally with over 58,000 participants and supported by 9,000 faculty.