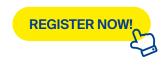


# AO PEER Course— Principles of Clinical Research

August 20–21, 2021

Ludwigshafen, Germany Chairpersons: Paul Grützner, Camillo Müller



# **Course description**

Participants will learn about the importance of research and evidence-based medicine (EBM), the relevant ethical considerations and guidelines for Good Clinical Practice (GCP) with a focus on the formulation of a clinical research question. In addition to practicing some of the skills related to critical literature review, this course offers support in working with a statistician, and navigating the AO Program for Education and Excellence in Research (AO PEER) to help make their research project a success.

#### **Venue**

BG Klinik Ludwigshafen | Turm 1, 9.0G Ludwig-Guttmann-Str. 13 67071 Ludwigshafen

## Registration

EUR 300 for standard ticket

EUR 265 for AO members of all Clinical Divisions (-20% discount) EUR 265 for all residents and PhD students (-20% discount) The course certificates will be available at the end of the course after passing the assessment in Totara.

For more information and registration <a href="https://sforce.co/3vqeTyv">https://sforce.co/3vqeTyv</a>

### **Learning objectives**

At the end of this course, participants should be able to:

- Explain the importance of doing research and the link to evidence-based medicine
- Apply the basic principles of literature search and critical appraisal
- Follow GCP guidelines and adhere to ethical requirements, eg, informed consent
- Identify a clinical problem, formulate a clinical research question, and select the study design
- Collaborate with a statistician to perform sample size calculation and basic statistical analyses
- · Describe the principles of medical writing
- Utilize available research environment, resources, and tools

#### **Teachers**

Paul Grützner (Ludwigshafen), Camillo Müller (Ludwigshafen), Sven Vetter (Ludwigshafen), Kirsten Häusler (Stuttgart), Jochen Franke (Ludwigshafen), Leonardo Righesso (Mainz)

#### **AO** Foundation

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