I would like to book a place in the 5-day Intensive Course in Comparative Effectiveness and Safety Research.

Please, be aware of the course fees

- Professionals: EUR 800
- Students: EUR 400
- LMU students: EUR 50

Please, be aware that the course is limited to 40 participants on a first come, first serve basis.

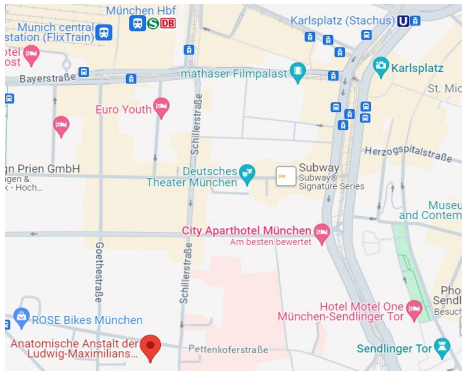
Registration form

First name:
Last name:
Title:
Institution:
Invoice address:
Email:

If applicable, please provide proof of your student status

Cancellation of registration: In the event of a cancellation, we charge a cancellation fee of 50 EUR. In case of cancellation from 10 days before the event, we charge the full amount.

Please, send your registration via email to:
miriam.schechner@med.uni-muenchen.de



Venue
Anatomische Anstalt der Ludwig-Maximilians-Universität München,
Pettenkoferstraße 11
D-80336 München

Course Director:
Sebastian Schneeweiss, M.D., M.S., Sc.D.
Professor of Medicine and Epidemiology, Harvard Medical School and Brigham &Women's Hospital/Harvard T.H. Chan School of Public Health
sschneeweiss@bwh.harvard.edu

Course Co-Director:
Tobias Dreischulte, M.Pharm., M.Sc., Ph.D. Professor of Clinical Health Services Research
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2nd Intensive Course in Comparative Effectiveness &Safety Research

April 8-12, 2024

Prof. Sebastian Schneeweiss (Course director)
Prof. Tobias Dreischulte (Course co-director)

LMU KLINIKUM

HARVARD
DIVISION OF MEDICAL SCIENCES

2nd Intensive Course in Comparative Effectiveness and Safety Research

Course director: Prof. Sebastian Schneeweiss MD, Harvard University
Course co-director: Prof. Tobias Dreischulte, PhD, LMU

What is the aim of the course?

Large longitudinal healthcare databases have become important tools for studying the clinical effectiveness of medical products and interventions in a wide variety of care settings and for evaluating the impact of clinical programs or policy changes. This course will prepare students to design, implement, execute and discuss studies on causal treatment effects using healthcare databases. Strengths and limitations of large longitudinal healthcare databases that are commonly used for comparative effectiveness research will be considered.

Who is the course targeted at?

The course is targeting trainees/investigators who recently started analyzing longitudinal healthcare data or are planning to do so. We specifically focus on comparative effectiveness research and will not cover data visualization, descriptive analyses or prediction. The course centers around student projects of an analyses of some medical product outcome pair and we therefore expect working knowledge of epidemiology study designs for causal inference and the typical statistical analysis methods in non-randomized settings. The software package is in its logic, terminology, and workflows aligned with our didactics of teaching causal study design concepts and we assume that most students will use a variety of software products after completing the course.

Where and when does the course take place? How much does it cost?

The course is a five day intensive full time course and will take place in Munich (in presence) from April 8-12, 2024 (8:30 to 13:00; 14:00 to 17:30)

Which preliminary skills are required?

The course does not require specific programing skills. It is focused on analytic principles and their application to database research rather than mathematical details. It requires an understanding of epidemiologic study designs and typical analysis strategies.

What will I learn and how?

The centerpiece of the course is a student project resulting in a pilot analysis and a study protocol. Each morning includes lectures with discussions. In the afternoons students will convene in the Evidence Lab with faculty and teaching assistants to work in small groups with a large longitudinal claims database of 31 million commercially insured patients in the US and with an easy-to-use statistical software to develop inclusion and exclusion criteria, compare population descriptives, implement follow-up models and risk-adjustment methodologies resulting in multivariate adjusted effect estimates. Practical issues in obtaining, linking, and analyzing large

databases will be emphasized throughout the course, and key analytic issues will be addressed, including design considerations and multivariate risk-adjustment. Bring your laptop with the Chrome browser installed.

What will I get out of this?

Upon completion, students will receive a certificate and those enrolled in an LMU graduate degree program will receive 3 ECTs

How can I enrol?

If you are interested in taking part, please complete the form overleaf and send via email to miriam.schechner@med.uni-muenchen.de. Please, note that the number of participants is limited to 40 and certain course and cancellation fees apply.

Course fees:

- Professionals: EUR 800
- Students: EUR 400
- LMU students: EUR 50

Cancellation fees:

- Up to 10 days prior to the course: EUR 50
- 10 days or less prior to the course: Full fee