



PhD Course

Development & Use of Patient-Reported Outcomes

Block course: 2024 February 22 and 29; March 21; 9-16 h

Esplanade 36, room 4030/31

Course Instructors: PD Dr. phil. Christine Blome and Univ.-Prof. Dr. med. Matthias Augustin

Course Value: 2 SWS

Assessment/Student evaluation: Active participation; presentation and critical discussion of a Patient-Reported Outcomes Measure (PROM) on March 21 (group or single presentation, depending on number of participants). Grading for students of University of Hamburg will be pass/fail.

Course Language: English

Software: n/a

Prerequisites/Literature:

Registration: Please register via STiNE. For all organizational matters please contact e-mail cgrk-hche.bwl@uni-hamburg.de (Please remember that places will be allocated in order of received registrations)

Course Overview:

This course will provide an introduction to Patient-Reported Outcomes, their relevance in medical and health economic research, and their development, validation, selection, and use in the research context.

SYLLABUS

- **Day 1: Understanding Patient-Reported Outcomes (PROs)**

Morning session (3 hours)

- Introduction to Patient-Reported Outcomes (PROs)
- The significance of PROs in medical and health economic research
- Types and categories of PROs; introduction to preference-based PROs
- Practical applications and real-world examples of PROs: how to use PROs for your research topic?

Afternoon session (3 hours)

- Developing and validating PROs according to COSMIN (Consensus-based Standards for the selection of health Measurement Instruments)

- Measurement properties, e.g., reliability, validity, and responsiveness
- Hands-on exercises for evaluating PRO instruments (cognitive debriefing method)
- Feedback and discussion of role-play outcomes
- **Day 2: Selection and Evaluation of Patient-Reported Outcomes**
 - Morning session (3 hours)
 - Selecting appropriate PROs for research and clinical settings
 - Interpretation of PROM data
 - Assessing the quality of PRO instruments: COSMIN tools and guidelines for PRO evaluation
 - Afternoon session (3 hours)
 - Group exercises for evaluating and critiquing PROs using COSMIN guidelines
 - Preparation for student presentations
- **Day 3: Practical Application and Student Presentations**
 - Morning session (3 hours)
 - Student presentations: Each student / student group presents a selected PROM and discusses it critically
 - Group discussion and feedback on presentations
 - Professor Matthias Augustin: Use of PROs in dermatology
 - Afternoon session (3 hours)
 - Student presentations (continued)
 - Group discussion and feedback on presentations
 - Wrap-up, course summary, and closing remarks