



PhD Course

## Development & Use of Patient-Reported Outcomes

Block course: 2026 November 6, 13 and 20; 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 November 20 (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](mailto: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