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 (5 credit points for Graduate Program Business Administration)

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: n/a

Registration: Please register via STiNE. For all organizational matters please contact e-mail cgk-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)
  o Introduction to Patient-Reported Outcomes (PROs)
  o The significance of PROs in medical and health economic research
  o Types and categories of PROs; introduction to preference-based PROs
  o Practical applications and real-world examples of PROs: how to use PROs for your research topic?
Afternoon session (3 hours)
  o Developing and validating PROs according to COSMIN (Consensus-based Standards for the selection of health Measurement Instruments)
  o Measurement properties, e.g., reliability, validity, and responsiveness
  o Hands-on exercises for evaluating PRO instruments (cognitive debriefing method)
  o Feedback and discussion of role-play outcomes

• **Day 2: Selection and Evaluation of Patient-Reported Outcomes**
  Morning session (3 hours)
  o Selecting appropriate PROs for research and clinical settings
  o Interpretation of PROM data
  o Assessing the quality of PRO instruments: COSMIN tools and guidelines for PRO evaluation
  Afternoon session (3 hours)
  o Group exercises for evaluating and critiquing PROs using COSMIN guidelines
  o Preparation for student presentations

• **Day 3: Practical Application and Student Presentations**
  Morning session (3 hours)
  o Student presentations: Each student / student group presents a selected PROM and discusses it critically
  o Group discussion and feedback on presentations
  o Professor Matthias Augustin: Use of PROs in dermatology
  Afternoon session (3 hours)
  o Student presentations (continued)
  o Group discussion and feedback on presentations
  o Wrap-up, course summary, and closing remarks