**IMPACT OF PROVIDER BEHAVIOUR ON THE QUALITY OF HEALTH CARE**

**Aim:**
- To investigate how cooperation across health care providers (for example in networks) affects the quality of care.
- To understand how collaboration within health care providers, i.e., among its members, affects the quality of care.

**Methods:**

*Projekt A*
- Use administrative data to analyze referrals between providers as a measure of cooperation and outcomes at the patient level, such as mortality, avoided hospitalisation or adherence to processes.

*Projekt B*
- Use data from medical records of a health care provider (e.g., UKE) to investigate the effect of team composition on surgical outcomes.
- To investigate causal effects, exogenous variation in team composition, such as sick leave or temporary absences due to parental leave, will be exploited.

**Contribution**
- Understand the optimal composition and size of provider networks in order to maximize quality of care.
- Provide evidence on aspects such as team composition, familiarity with team members, and learning from successes and failures.
- Understand how patient-sharing evolves over time within and across providers and how it can be influenced.

**PIs and interdisciplinary integration**
- Background in medical psychology will help PhD students to explain observed responses.
- Expert in using administrative data in health services research.
- Provides extensive knowledge on hospital behaviour and quality measurement.

**Potential dissertation topics:**
- Team composition and learning in surgery: Their impact on outcomes.