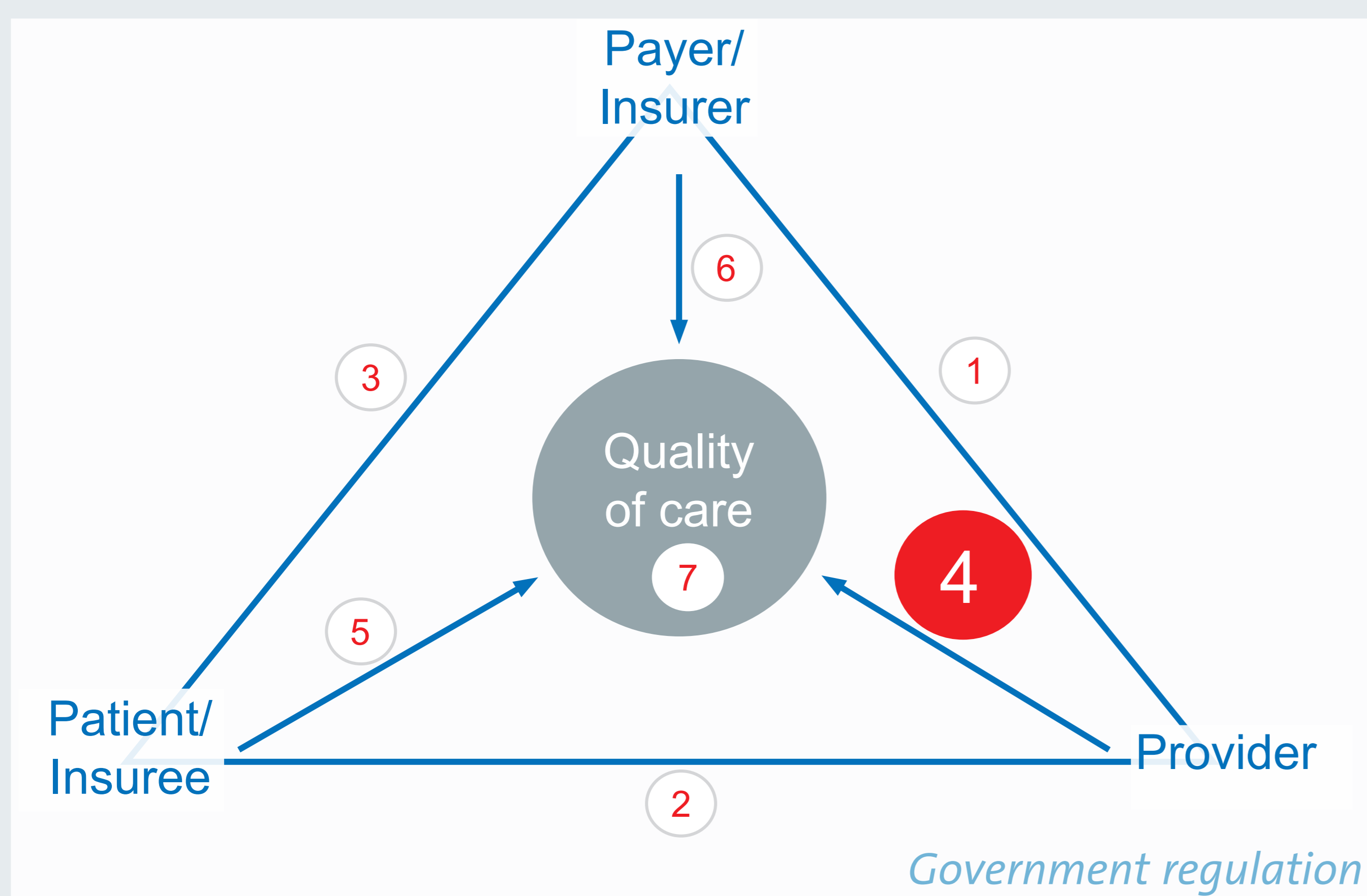




## 4 IMPACT OF PROVIDER BEHAVIOUR ON THE QUALITY OF HEALTH CARE



### 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:

- Cooperation between health care providers and its impact on quality of care – An analysis of referral networks
- Team composition and learning in surgery: Their impact on outcomes