

1. Measurement of Patient Reported Outcomes

Students are familiarised with the basic terms of patient reported outcomes (e.g. health outcomes, patient reported outcomes, patient adherence, quality of life, health related quality of life) and their relevance and applicability in economic evaluations (utility and quality adjusted life years, disability adjusted life years). They also learn the steps of patient reported outcome measurement from choosing the appropriate instrument to the translation of these results to economic value. They get acquainted with the psychometric basics of designing, adapting and validating such patient reported outcome measures. They will understand the applicability of patient reported outcomes in the use of full health economic evaluations (cost utility analyses and measuring health burden) and will also have a full understanding of their potential limitations.

Main themes:

- health outcomes
- patient reported outcomes (PROs)
- development and adaptation of PRO measures
- further PRO terms: patient adherence and patient satisfaction
- quality of life (QoL) and health related quality of life (HRQoL)
- classification of HRQoL measures
- utility, direct and indirect utility measures, utility mapping, transferability
- PROs in decision making: quality adjusted life years (QALY), disability adjusted life years (DALY), limitations of the concepts
- measurement PROs in special patient groups (children)