

Propositions supplement to the dissertation

Current Challenges in Health Technology Assessment

Assessing costs and cost-effectiveness of novel treatments in haemato-oncology

Wilhelm Frederick Thielen, 16 December 2020

1. Methodological choices and unsolved challenges in Health Technology Assessment have a substantial impact on the results of economic evaluations and on reimbursement decisions. (this dissertation)
2. Novel and expensive haemato-oncological treatments bear the potential to cure a group of patients but also to bankrupt the healthcare system of the entire population. (this dissertation)
3. Financial departments of healthcare providers collect and manage data with valuable information that can be used for health economic research. (this dissertation)
4. Published data from phase II clinical studies can be used to model long-term treatment outcomes, especially when results of phase III clinical studies are not available or extensively delayed. (this dissertation)
5. Specific and adequate methods to conduct cost-utility analyses in children need to be developed to eliminate the current deficit of health economic evidence in this vulnerable patient group. (this dissertation)
6. Health economic research should be programming-based instead of spreadsheet-based to keep the discipline trustworthy, reliable, transparent, and up-to-date.
7. Keeping rigorous reimbursement procedures as short as possible saves patient live-years.
8. Only a European healthcare union can effectively manage health emergencies and tackle the widespread disparities in health(care) across the European Union in non-emergency times.
9. There is an increasing pressure to teach and research the practical side of economic evaluations due to a rising use and need for health economic expertise.
10. Major life decisions should not only be based on advice from people who do not have to live with the results and consequences.
11. "Questions you cannot answer are usually far better for you than answers you cannot question." (Yuval Noah Harari)