

[CURRENT](#)[PAST ISSUES](#)[HOME](#) / [ARCHIVES](#) / [VOL 8 NO 1 \(2017\)](#) / [Formulary Evaluations](#)

Imaginary Worlds and Efficiency Frontiers: Should We Abandon the IQWiG Health Technology Assessment Model?

Paul C Langley

University of Minnesota

DOI: <https://doi.org/10.24926/21550417.1362>

keywords:

IQWiG, QALYs, imaginary worlds, efficiency frontier, credible standards

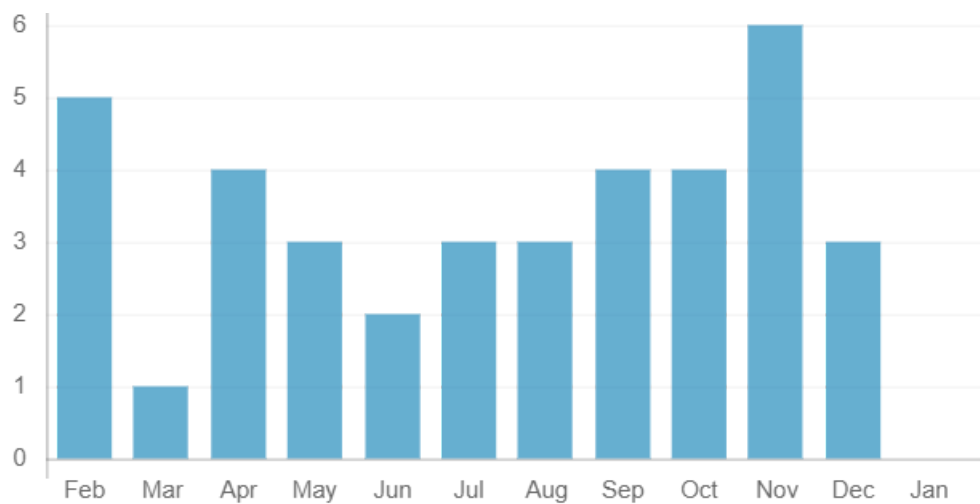
abstract

The contribution of cost-effectiveness analysis to the pricing of pharmaceuticals in Germany is at best marginal and in many, if not most cases, absent. While this may reflect a reasonable belief that cost-effectiveness analysis adds little if anything to pricing and formulary placement decisions, its marginalization reflects considerable dissatisfaction, if not frustration, with modeling efforts by the Institut für Qualität und Wirtschaftlichkeit im Gesundheitswesen (IQWiG). In part, this reflects the rejection of quality adjusted life years (QALYs) as the common outcome standard, together with the adoption of the efficiency frontier as the default framework for modeled claims. The purpose of this commentary is to consider the merits, in the German context, of an efficiency frontier framework for cost-effectiveness and pricing decisions. The commentary concludes that the efficiency frontier framework for health technology assessment, in supporting the creation of non-evaluable claims from models or simulations, fails of to meet the standards of normal science: it fails to support claims that are credible, evaluable and replicable. It should be abandoned. If cost-effectiveness modeling is

to play a constructive role in pricing negotiations in Germany then manufacturers should be required to submit evaluable claims. The most effective way of ensuring this is to require manufacturers to accompany any submission for a new product with a protocol detailing how their claims, to include those for clinical outcomes, cost-effectiveness and budget impact, are to be evaluated and reported to decision makers in a meaningful time frame.

Type: Commentary

downloads



metrics

No metrics found.



 PDF

PUBLISHED

2017-02-13

ISSUE

[Vol 8 No 1 \(2017\)](#)

SECTION

Formulary Evaluations

Copyright of content published in *INNOVATIONS in pharmacy* belongs to the author(s).

[Aims & Scope](#)

[About Innovations](#)

[Editorial Teams](#)

[Policies](#)

[Reviewer Guidelines](#)

[Partners](#)

[Author & Reviewer Accounts](#)

[Submit Article](#)

[Sign up for e-alerts](#)

Sections:

[Community Engagement](#)

[Education](#)

[Formulary Evaluations](#)

[Insights](#)

[Leadership](#)

[Pharmacy Practice](#)

[Policy](#)

[Practice-Based Research](#)

[Science](#)

ISSN: 2155-0417

Tweets by @liPJournal



Innov Pharm
@liPJournal

Successful academic writers have strong emotional habits that help them manage the ups and downs of writing. In addition to productivity goals, [#RxWritingChallenge](#) participants are exploring positivity and other key habits that support success.



Oct 29, 2019



Innov Pharm

[Embed](#)

[View on Twitter](#)



LIBRARIES

PUBLISHING

U of MN College of Pharmacy

[Home](#) | [Contact Publishing Services](#) | [My Account](#) | [Privacy](#) | [Acceptable Use of IT Resources](#)

The copyright of these individual works published by the University of Minnesota Libraries Publishing remains with the original creator or editorial team. For uses beyond those covered by law or the Creative Commons license, permission to reuse should be sought directly from the copyright owner listed on each article.

Platform &
workflow by
OJS / PKP

