

[CURRENT](#)[PAST ISSUES](#)[HOME](#) / [ARCHIVES](#) / [VOL 7 NO 2 \(2016\)](#) / [Formulary Evaluations](#)

Modeling Imaginary Worlds: Version 4 of the AMCP Format for Formulary Submissions

Paul C Langley

University of Minnesota

DOI: <https://doi.org/10.24926/iip.v7i2.434>

keywords:

AMCP, pseudoscience, imaginary worlds, evaluable claims, value propositions

abstract

The question of demarcation between normal science and pseudoscience is critical to the discovery of new facts. The core elements supporting progress in science are: (i) empirically evaluable coherent theories and (ii) the testing of hypotheses through experimentation or systematic observation. If modeled or simulation-based claims for cost-effectiveness are to be accepted as a credible input to health care decision making than they must conform to these standards. Claims should be testable, falsifiable and replicable. If not then they are best seen as pseudoscience. This assessment of the latest version of the Academy of Managed Care Pharmacy (AMCP) Format for Formulary Submissions (Version 4.0; April 2016) concludes that, in their recommendations for cost-effectiveness modeling, the proposed standards do not meet those of normal science. Rather, in common with previous versions of the AMCP Format, the modeling framework proposed not only puts to one side the issue of testable claims, but supports the modeling of imaginary worlds or thought experiments where claims are immune to falsification. In consequence, the payer or other recipient of a modeled or simulated

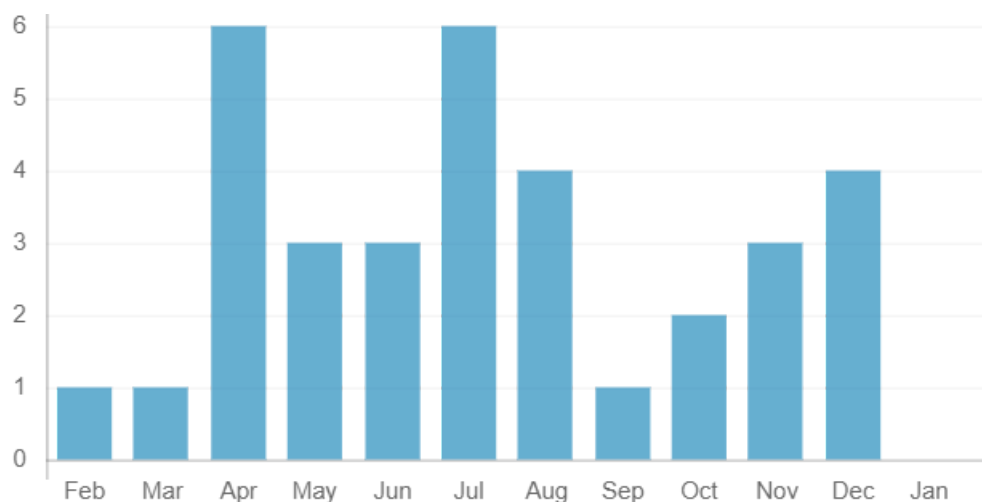
claim that follows the AMCP Format has no idea, in the absence of observation or experimentation, whether the claim is right or even if it is wrong. The claims are potentially misleading, possibly harmful, but to an unknown extent. They have no place in evidence-based medicine.

Conflict of Interest

None

Type: Commentary

downloads



metrics

No metrics found.



 PDF

PUBLISHED

2016-07-05

ISSUE

[Vol 7 No 2 \(2016\)](#)

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

