

# Review of: "[Commentary] Applying the Rule of Designers and Architects “Form Follows Function (FFF)” Can Reduce Misinterpretations and Methodical Shortcomings in Healthcare"

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**Potential competing interests:** No potential competing interests to declare.

This study focused on addressing Sir Archibald Cochrane's century-old inquiries into healthcare innovations by examining the confirmation of efficacy, Real-World Effectiveness (RWE), and the perceived value of healthcare services. Sir Ronald A. Fisher's development of the Randomized Controlled Trial (RCT) as a gold standard for health care research is pivotal. While RCTs answer the first Cochrane question, "Can it work?," they fall short in assessing the second question, "Does it work?," in diverse patient populations with varying comorbidities. This commentary underscores the necessity for a method beyond RCTs to demonstrate RWE, proposing the Pragmatic Controlled Trial (PCT). The PCT addresses the Cochrane questions comprehensively, considering individual patient risk profiles and offering a three-dimensional assessment of outcomes. The method provides insights into revenue, expenses, and the reduction of time and costs in drug and device approvals. The PCT's potential impact extends to ethical, medical, economic, and political decision-making, offering a nuanced approach to healthcare research and decision support. Although it is an interesting study, there are some points with it.

- \* Concise the abstract and highlight the novelties.
- \* Separate the introduction, background, and literature review sections. Add graphical abstract, research flow, discussion, future works, and limitation sections.
- \* This paper does not emphasize the unique contributions and novelties compared to the existing literature review. It is better to compare this study with other similar studies in this field.
- \* List the advantages of the utilized methodologies in this paper in comparison with other similar methods for this purpose.
- \* The literature review needs to be improved with more recent similar studies to be more informative.
- \* It is better to update references using up-to-date papers. In this paper, 2 of 13 references are published after 2020, and the rest of them are before 2020. A table to summarize the literature review is suggested, as well.
- \* In addition, the text of this paper needs to be revised in a way that is more interesting to readers.

I hope these comments improve the quality of this paper.

