

# Review of: "Controlling Offenses on Health Care Personnel through Environmental Design of Healthcare Environments"

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

The application of environmental interventions to improve the quality of rehabilitation environments is a valuable and interesting topic. 1983 Prof. Ulrich confirmed the effectiveness of the physical environment to aid patient rehabilitation with scientific data through a controlled study of greenery and walls outside patient observation windows. Since then, research in the field has been promoted and the safety of healthcare spaces has been a popular topic that has been scrutinized. Although the article attempts to go into the effectiveness of space configuration in reducing environmental risks, the case study is relatively simple and still needs a lot of revision.

The following are some suggestions provided to the authors:

1. For the title, the author did not capture the "independent variable" element well. Environmental design consists of many elements, it can be layout, flow, interface or decorative materials, which aspect of the research is the paper focusing on? The author does not give a good answer in the title.
2. In the abstract section, the author's description of the research findings and the results of the study is rather hasty. And, visibility for reducing environmental safety risks has been proven in very early studies, which is not a novel and interesting thing. The authors should be specific in their descriptions and go into the depths of where this study has made practical contributions, rather than simply carrying them over.
3. In the introduction section, it is recommended that the authors state the purpose of the study, the value of the study. Emphasize the innovation of the study and what practical benefits are expected to result.
4. In the introduction section, the author should include a paragraph that briefly describes the logic and methodology of the following study in order to provide context.
5. In the methodology section, the author should define and describe the spatial syntax. Although this is a commonly used research method. However, it is essential as the structure of the article. Secondly, the writer should elaborate why he/she chooses to use this method instead of others. So, are there any other methods in researching environmental security, and then what are their previous advantages and disadvantages in relation to each other? The author should highlight the reasons for choosing spatial syntax over other methods by giving suitable justifications.
6. Secondly, the authors used four hospitals as case studies. Then, in the methodology section, the authors should describe the basic information about the sites and explain which hospitals were chosen? Why were they chosen and what is typical about them?
7. From the whole article, there are still many structures and levels that the authors need to improve. Also, the writer can

refine the quality and presentation of the analyzed graphs, the quality of each graph should be emphasized as it reflects the attitude of the researcher.

8. Before the conclusion, the author could add a "discussion" section.