



## Effects of Virtual Reality on Cognitive Rehabilitation

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Deadline for manuscript submissions:  
**closed (28 February 2022)**

### Message from the Guest Editors

Dear Colleagues,

Virtual rehabilitation (VR) is described as the use of virtual reality for cognitive rehabilitation of cognitive impairments. Traditional behavioral methods for cognitive rehabilitation are challenged by the need of transfer of training outcomes to daily life functioning. VR offers several advantages by contextualizing treatment in daily living activities in fully immersive, realistic, and multimodal enriched environments. Therefore, we will be looking for high-quality research on the following topics related to VR implementation for research and clinical settings:

- 1) Design elements that contribute to feasibility of virtual rehabilitation:
  - a) Serious games elements useful for improving patient motivation;
  - b) Multimodal feedback;
  - c) Avatar therapy;
  
- 2) Clinical outcomes on the efficacy of virtual rehabilitation:
  - a) Patient retention in different clinical populations;
  - b) General vs. domain-specific outcomes;
  - c) Dose and other moderating factors.





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## Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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