Telerehabilitation in patients with respiratory tract diseases: protocol for a scoping review

Shunsuke Taito¹, Kota Yamauchi², Yuki Kataoka³

¹Division of Rehabilitation, Department of Clinical Practice and Support, Hiroshima University Hospital, Kasumi 1-2-3, Minami-ku, Hiroshima, 734-8551 Japan, Systematic Review Workshop Peer Support Group (SRWS-PSG), Japan;
²Department of Rehabilitation, Steel Memorial Yawata Hospital, Fukuoka, Japan;
³Department of Internal Medicine, Kyoto Min-Iren Asukai Hospital

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ABSTRACT

Background
Telerehabilitation is delivery of therapeutic rehabilitation at a distance or offsite using telecommunication technologies. However, telerehabilitation for respiratory diseases and respiratory infections is not known. During the COVID-19 pandemic, telerehabilitation may represent the first option for people at home. The COVID-19 is one of respiratory tract disease, and rapid and widespread transmission was demonstrated. Therefore, it is necessary consider telerehabilitation in patients with respiratory tract disease in the acute phase in hospital as well as chronic phase from the perspective of infection prevention.

Aim
The purpose of this scoping review is to assess the intervention program, safety and feasibility of telerehabilitation for patients with respiratory tract diseases in the COVID-19 era.

Methods and analysis
We describe this protocol that follows the PRISMA extension for scoping reviews (PRISMA-ScR) statement. We also use the scoping review framework by The Joanna Briggs Institute following five stage approach: (1) identify the research question; (2) identify relevant studies; (3) select studies; (4) chart the data and (5) collating, summarize and report the results.

Ethics and dissemination
In this scoping review, only data from previously conducted studies will be analyzed. We will publish this scoping review in peer-reviewed journals.

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