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## Wearable Systems in Physical Rehabilitation: Opportunities and Challenges

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### Message from the Guest Editors

Dear Colleagues,

Thanks to recent technological advances, wearable technologies have opened up new exciting opportunities for rehabilitation. Wearable devices enable the continuous monitoring of posture, movement quantity and quality outside the movement laboratory, and the monitoring of vital signs which can be used as diagnostic tools for the evaluation of cardiorespiratory conditions. Such applications offer, on their own or in combined use, an interesting starting point for individualised rehabilitation interventions; as well as a monitoring tool for patient progress during rehabilitation. They can also enable augmented feedback during motor training or in combination with monitoring applications, offering a basis for blended care and telerehabilitation. They, however, also come with their own challenges, such as their reliability, validity and feasibility within clinical contexts and clinical populations, and the challenging interpretability of the data to effectively inform clinical practice.

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# Special Issue



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## Message from the Editor-in-Chief

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