Special Issue

The Role of Exercise and Physical Activity in Rehabilitation

Message from the Guest Editors

Exercise and physical activity play a central role in functional recovery, disease prevention, and overall health promotion. Advances in rehabilitation science, driven by evidence-based practice, novel technologies, and interdisciplinary collaboration, have redefined strategies for optimizing patient outcomes. This *Healthcare* Special Issue, "The Role of Exercise and Physical Activity in Rehabilitation," seeks to gather high-quality research, systematic reviews, and clinical reports that deepen our understanding of exercisebased rehabilitation approaches. Topics include physiotherapeutic and movement-based interventions, predictive modeling of functional recovery, wearable and assistive technologies, tele-rehabilitation, biopsychosocial factors, and the integration of artificial intelligence in rehabilitation. Studies exploring musculoskeletal, cardiovascular, metabolic, and neurological responses, as well as biomarker-based insights, are particularly welcome. We invite submissions of clinical trials, experimental research, reviews, meta-analyses, and case studies that advance innovation in rehabilitation science and practice.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Healthcare is an international, peerreviewed, open access, multidisciplinary journal. Original research articles, short communications, review articles, and symposium highlights are welcomed.

Healthcare hopes to influence global health and disease aspects, and hopes to gain high visibility and acceptance by the scientific and healthcare community and will dedicate itself to covering special and specific topics in special

We would be pleased to welcome you as one of our authors.

Editor-in-Chief

issues.

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