

Special Issue

Advancement in Upper Limb Rehabilitation and Injury Prevention

Message from the Guest Editors

Upper limb function is one of the main indicators of a patient's independence, and pathologies affecting upper limbs represent a serious concern in rehabilitation. This is particularly important in athletes, mainly in overhead sport, in which repetitive technical gestures are responsible for shoulder disorders, e.g., impingement syndrome, and rotator cuff lesion, which represent frequent causes of shoulder pain. In addition, several neurologic diseases, e.g., stroke, multiple sclerosis, and cerebral palsy, affect upper limb function.

the rapid advancements in technology over the last decade have significantly impacted the medicine and health sciences through the provision of enhanced functionalities and improved health services. The implementation of new technologies in upper extremity rehabilitation settings has been proven to provide a substantial added value in the clinical outcome of patients and to improve training responses in musculoskeletal rehabilitation and injury prevention.

Papers dealing with innovative approaches to musculoskeletal rehabilitation and injury prevention using extended reality are welcome to this Special Issue.

Guest Editors

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