

Special Issue

New Advances in Neurorehabilitation after Stroke

Message from the Guest Editors

The number of people with disabilities and the complexity of their needs and those of their families continue to increase despite advances in technology and health care. According to the World Health Organization, 15 million people worldwide suffer a stroke each year. Of these people, about one-third are functionally disabled and have difficulty regaining their independence. New technologies have been integrated into the rehabilitation field to improve the effectiveness of rehabilitation strategies for these conditions. These include robotic rehabilitation, virtual reality, functional electrical stimulation, noninvasive brain stimulation (NIBS) to improve the intensity and quality of neurorehabilitation and affect brain excitability and plasticity, and innovative approaches such as assistive technologies and domotics.

The scope of this special issue and the type of contributions we are soliciting is to bring together research activities on innovative technologies for both assessment and treatment in stroke rehabilitation and to update knowledge on the latest advances in neurorehabilitation.

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