



Stroke and Acute Stroke Care: Looking Ahead

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Message from the Guest Editor

Stroke leaves patients with significant sequelae such as motor impairment, speech impairment, cognitive impairment, and swallowing disorders, the development of acute care and rehabilitation techniques is a significant topic for researchers. This Special Issue will cover various aspects related to innovative approaches in stroke acute care and rehabilitation, including:

Deadline for manuscript
submissions:

closed (30 May 2024)

- Acute stroke care: exploration of new intervention techniques and protocols for acute stroke care and the potential of neuroprotective agents.
- Neurotechnology and artificial intelligence-based interventions: exploration of using virtual reality, robotics, sensors, wearables, and artificial intelligence in acute stroke care and rehabilitation.
- Non-invasive brain stimulation: investigation of transcranial magnetic and electrical stimulation's effectiveness in promoting neural plasticity.
- Rehabilitation exercise technique: innovative approaches to restore functional disability and improve cardiorespiratory fitness for stroke survivors.

We aim to contribute to developing innovative, evidence-based strategies that can optimize stroke care and rehabilitation and improve the lives of stroke survivors.





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Message from the Editor-in-Chief

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Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).

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