



Ischemic Stroke: Diagnosis, Treatment, and Management

Guest Editors:

Dr. Maria Luisa Zedde

Neurology Unit, Stroke Unit,
Department of Neuromotor
Physiology and Rehabilitation,
Azienda Unità Sanitaria Locale –
IRCCS di Reggio Emilia, Reggio
Emilia, Italy

Dr. Rosario Pascarella

Neuroradiology Unit, Azienda
Unità Sanitaria Locale-IRCCS di
Reggio Emilia, Viale Risorgimento
80, 42123 Reggio Emilia, Italy

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Message from the Guest Editors

Dear Colleagues,

Stroke is still a predominant cause of mortality and the first cause of disability worldwide. In the last decade, the outcome of ischemic stroke has significantly improved due to the advancement of established and scientifically supported treatments. These therapies have expanded intravenous thrombolysis and endovascular thrombectomy, initiated the transition from alteplase to tenecteplase, and reinforced the importance of Stroke Units as treatment venues. This is likely the first case in which a treatment modality demonstrated the value of therapy in changing patients' outcomes. Nevertheless, several gaps remain in ischemic stroke management and knowledge. These include diagnostic, therapeutic, and care pathway organization in different aspects of this complex and variable disease. These gaps exist in various age groups, males and females, rare causes, frequent but neglected conditions, large and medium vessel occlusions, small vessel diseases, highly organized settings, and low-resource situations. This Special Issue aims to collect contributions from clinical practice to highlight and overcome these gaps, identify them, and propose solutions.





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Editors-in-Chief

Prof. Dr. Emmanuel Andrés

Internal Medicine Department,
University Hospital Strasbourg,
67000 Strasbourg, France

Prof. Dr. Kent Doi

Department of Acute Care
Medicine, University of Tokyo,
Tokyo, Japan

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Journal of Clinical Medicine Editorial
Office
MDPI, Grosspeteranlage 5
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