

Special Issue

From Imaging to Intervention: Modern Approaches in Spine Disorders Management

Message from the Guest Editor

The spine plays an essential role in human posture, mobility, and neuromuscular control. Spinal disorders, ranging from degenerative and traumatic conditions to deformities and pain syndromes, represent one of the leading causes of disability worldwide and contribute significantly to the global burden on healthcare systems. Accurate diagnosis, timely interventions, and evidence-based rehabilitation are therefore fundamental to preventing the progression of disability and preserving functional independence. Recent scientific advancements have led to major improvements in diagnostic imaging, quantitative motion analysis, neuromuscular assessment, and multidisciplinary care pathways. This Special Topic aims to provide an updated and comprehensive overview of emerging evidence and best practices in spinal diagnosis and management.

Guest Editor

Dr. Maria Chiara Maccarone
Padua Neuroscience Center, University of Padova, 35128 Padova, Italy

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Journal of Clinical Medicine
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcm@mdpi.com

mdpi.com/journal/

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