

Special Issue

Effect of Neuromuscular Deficit on Gait

Message from the Guest Editor

Gait is a major human movement, and its physiological function is fundamental for a wide range of physical activities (e.g., household chores, sports, transportation, work). However, this movement can be compromised in the existence of any neuromuscular deficit such as muscle weakness, abnormal muscle tone, and coordination. Despite the large number of neurological and orthopedic conditions inducing neuromuscular deficits, few data exist on the concomitant changes in gait. Therefore, this Special Issue invites original research and review papers in both neurological and orthopedic conditions that lead to abnormal gait. We are especially interested in research on the effects of cerebral palsy, cerebrovascular accident, ataxia, Parkinson's disease, and weakness of hip, knees, and ankle muscle groups on gait mechanics and metabolic cost.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Biomechanics (ISSN 2673-7078) is an international, peer-reviewed, and open access journal devoted to the fast publication of the latest achievements of scientific research in the area of biomechanics. Both experimental and theoretical papers are published. We hope that the submission guidelines and submission template will assist you in your submission of your research to this journal, and that you will enjoy reading the articles in *Biomechanics*.

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