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The Use of Motion Analysis for Diagnostics

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Deadline for manuscript submissions:

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Message from the Guest Editors

Dear Colleagues,

Gait analysis and, more generally, motion analysis have been at the center of scientific research in recent decades for several purposes and in several forms: gait analysis labs have been used to analyze gait patterns, inertial measurement units have been employed to perform analysis in non-hospital settings, and there are also researchers who have designed new wearable systems known as “e-textile”. Indeed, these types of measurements allow clinicians to obtain a quantitative evaluation of motion of patients, supporting them in so-called clinical decision making since there are things that cannot be assessed through medical visits and clinical scales. There is proof in literature that the data acquired by these systems can be used to study diagnosis/prognosis with the implementation of artificial-intelligence-based techniques. Therefore, this Special Issue welcomes all the papers and reviews of literature dealing with motion analysis and diagnosis/prognosis (with and without artificial intelligence solutions).

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Special Issue



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Message from the Editor-in-Chief

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