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Advanced Sensing Technology for Falls Prevention and Rehabilitation

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Deadline for manuscript
submissions:

closed (20 December 2022)

Message from the Guest Editor

Dear Colleagues,

Despite the significant impact of the coronavirus pandemic, lifespans are getting longer while healthy life expectancy is not growing at the same pace. At the same time, the low birth rate is steadily increasing the old-age dependency ratio. Healthcare costs have been rising for decades and healthcare systems will have, by force of circumstances, to rely more and more on Tele-health and to shift from treatment towards prevention of age-related medical conditions. Falls and consequences of falls at old age are very resource demanding. We know that about 30% of falls can be prevented, but current guidelines for fall risk assessment have shown relatively low performance and there are few risk-screening tools available that have been adequately validated. Now more than ever, there is the need to develop, deliver, and put into practice innovative and effective solutions for falls prevention and rehabilitation. Digital tools based on advance sensing technologies are the enabling factor.



mdpi.com/si/99507

Special Issue



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Message from the Editor-in-Chief

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