

## **Motor assessment in children and adolescents: Current practices and future directions**

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## **Abstract**

Developing competency in motor skills is important for young people's overall health as it enables successful engagement in daily life activities. It is therefore imperative to consider how motor competence is assessed in order to support individuals in developing their motor skills.

Different assessment methods have been developed for educational and non-educational contexts. Subjective methods include self-reports and proxy reports that measure motor skills indirectly whilst objective methods refer to motion devices and observation tools that capture motor skills directly. Choice of method and instrument depends on different aspects including administrative and psychometric properties. Meanwhile, new tests are being developed to address shortcomings of established tests.

Covering different methods, the present symposium aims to explore current practices in motor assessment and consider future directions. The first presentation will cover proxy reports and review widely adopted questionnaires. The second and third presentation will focus on observation instruments including process-oriented, product-oriented, and circuit-based tests. Following, the fourth presentation will investigate the role of the assessors and factors influencing evaluation of individuals' motor competence. In the fifth presentation, portable motion devices and their integration with observation tools will be discussed as a promising approach to measuring motor competence in youth.