

Sear

Views
9634

©Journal of Sports Science and Medicine (2009) 08 , 154 - 168

Share this article

Download
1000

Review article

from September
2014

Movement Skill Assessment of Typically Developing Preschool Children: A Review of Seven Movement Skill Assessment Tools

Full Text

Citations in
ScholarGoogle

Wouter Cools¹, [✉](#), *Kristine De Martelaer¹*, *Christiane Samaey¹*, *Caroline Andries²*

PDF

Author Information

Publish Date

How to Cite

Email link to this article

ABSTRACT

The importance of movement is often overlooked because it is such a natural part of human life. It is, however, crucial for a child's physical, cognitive and social development. In addition, experiences support learning and development of fundamental movement skills. The foundations of those skills are laid in early childhood and essential to encourage a physically active lifestyle. Fundamental movement skill performance can be examined with several assessment tools. The choice of a test will depend on the context in which the assessment is planned. This article compares seven assessment tools which are often referred to in European or international context. It discusses the tools' usefulness for the assessment of movement skill development in general population samples. After a brief description of each assessment tool the article focuses on contents, reliability, validity and normative data. A conclusion outline of strengths and weaknesses of all reviewed assessment tools focusing on their use in educational research settings is provided and stresses the importance of regular data collection of fundamental movement skill development among preschool children.

Key words: Early childhood, psychomotor performance, motor development, validity, reliability.

Key Points

- This review discusses seven movement skill assessment tool' s test content, reliability, validity and normative samples.
- The seven assessment tools all showed to be of great value. Strengths and weaknesses indicate that test choice will depend on specific purpose of test use.
- Further data collection should also include larger data samples of able bodied preschool children.
- Admitting PE specialists in assessment of fundamental movement skill performance among preschool children is recommended.
- The assessment tool' s normative data samples would benefit from frequent movement skill performance follow-up of today' s children.

HOME

Contact

Email alerts

ISSUES

Current

In Press

Archive

Supplements

Most Read

Articles

Most Cited

Articles

ABOUTEditorial
board

Mission

Scope

Statistics

AUTHORS

Authors

instructions

For Reviewers



JSSM | Copyright 2001-2018 | All rights reserved. | [LEGAL NOTICES](#) | [Publisher](#)

It is forbidden the total or partial reproduction of this web site and the published materials, the treatment of its database, any kind of transition and for any means, either electronic, mechanic or other methods, without the previous written permission of the JSSM.

This work is licensed under a  [Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License](#).