

研究業績 英文表記

和文	
表題	小学生における運動器チェックと体力テストの結果について
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英文	
Title	Significance and results of musculoskeletal checks and physical fitness test in elementary school students.
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Abstract	<p>Abstract: OBJECTIVE: The aim of this study was to classify the association between the features of children who require detailed examination of musculoskeletal check and the results of physical fitness test. METHODS: Musculoskeletal check and physical fitness test were conducted for 169 elementary school children, and the motor skills of 2 groups based on their motor screening results (requiring/not requiring detailed examination) were compared. RESULTS: Among the 169 children, 77required and 92 did not require detailed examination, according to their results of musculoskeletal check. On motor skill assessment, there were differences between the 2 groups only in the 30-second Chair Stand Test, as those requiring detailed examination showed significantly lower values, but the effect size was small, at $d=0.47$. CONCLUSION: Our findings suggest that measures of early detection of locomotive syndrome in children are more necessary than those of musculoskeletal disorders by musculoskeletal check.</p>
keyword	Children, Prevention, Musculoskeletal check

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