

研究業績 英文表記

和文	
表題	高齢者における立位での足指圧迫力と最大歩行速度の関連
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英文	
Title	Association between toe pressure strength in the standing position and maximum walking speed in older adults
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Abstract	This study aimed to examine the association between toe pressure strength in the standing position and walking speed in older adults. Correlation analysis showed a significant positive correlation between maximum walking speed and toe pressure strength in the standing position, with a moderate effect size ($r = 0.48$, $p < 0.001$). Moreover, multiple regression analysis with covariates injected showed that maximum walking speed was associated with toe pressure strength in the standing position (standardization factor = 0.13, $p < 0.026$). Toe pressure strength in the standing position is one of the functions associated with maximum walking speed. This clarified the significance of assessing toe pressure strength in the standing position and suggested that enhanced toe pressure strength in the standing position may increase maximum walking speed.
keyword	Toe pressure strength in the standing position; Toe muscle strength; Older adults; Walking speed

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