

## 研究業績 英文表記

和文	
表題	健康成人における立位での足指圧迫力と姿勢制御能力との関連性
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英文	
Title	Association between toe pressure strength in the standing position and postural control capability in healthy adults
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Abstract	Which is more associated to postural control capability, the conventional toe grip strength or the newly devised toe pressure strength in the standing position, which is close to the actual movement? Pearson's correlation analysis revealed that the postural control capability was correlated with toe pressure strength in the standing position ( $r = 0.36$ , $p = 0.003$ ). Multiple regression analysis demonstrated that only toe pressure strength in the standing position was significantly associated with the postural control capability, even after adjusting for covariates (standard regression coefficient: $0.42$ , $p = 0.005$ ). The results of this study indicated that toe pressure strength in the standing position was more strongly associated with the postural control capability in healthy adults than toe grip strength in the sitting position. It has been suggested that a rehabilitation program for toe pressure strength in the standing position would help improve postural control capability.
keyword	Toe pressure strength in the standing position · Toe grip strength · Toe strength · Postural control capability · Rehabilitation

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