

研究業績 英文表記

和文	
表題	パーキンソン病患者を対象とした歩行能力評価法の信頼性の検討
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英文	
Title	Reliability of walking ability evaluation method in Parkinson's disease patients
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Abstract	<p>To confirm the relative and absolute reliabilities of 3 tests: the 5-m Walk Test (5MWT), Timed Up & Go Test (TUG), and 10-m Walk Test with Obstacles (10MWT-OB), 18 outpatients with Parkinson's disease were assessed using them. These 2 types of reliability were calculated using the intraclass correlation coefficient (ICC) and Bland-Altman analysis, respectively. The ICCs for 5MWT, TUG, and 10MWT-OB were 0.97, 0.94, 0.89, respectively. There was no systematic error for 5MWT or TUG, and the minimum detectable changes were 0.6 and 1.8 seconds, respectively. In contrast, there were fixed errors for 10MWT-OB, and the range of allowable error was 0.1 to 2.9 seconds. Thus, 5MWT and TUG were highly reliable to assess patients with Parkinson's disease, whereas the relative reliability of 10MWT-OB was sufficient, but its absolute reliability was insufficient, as there were fixed errors, and second measurement values walking speeds tended to be higher than the first ones.</p>
keyword	Parkinson's disease patient, Walking ability evaluation, Relative reliability, Absolute Reliability

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