

研究業績 英文表記

和文	
表題	要介護高齢者が使用する歩行補助具の種類を識別する身体機能
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英文	
Title	Physical functions that identify the type of walking aids used by older adults who need long-term care.
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Abstract	[Purpose] The physical functions that discriminate the types of walking aids used by long-term care older adults were examined. [Participants and Methods] The participants were 763 long-term care older adults. The subjects were divided into three groups: independent walking group, cane group, and walker group, Kruskal-Wallis test was used to compare the results of each measurement. Next, the physical functions that discriminate between types of walking aids were examined using multinomial logistic regression analysis, and cutoff values for the selected physical functions were calculated. [Results] The 30-second chair stand test (CS-30) and the total time to stand on one leg with open eyes were selected as the physical functions that discriminated the independent walking group from the cane group. The cutoff values were CS-30 was 8 trials and open-eyed one-leg standing time total was 12 seconds. Grip strength was selected as the physical function that discriminated between the cane group and the walker group. The cutoff value was 31.6 kg for total grip strength. [Conclusion] It is possible to distinguish between the independent walker group and the cane group by CS-30 and the total time to stand on one leg with open eyes, and between the cane group and the walker group by the total grip strength.
keyword	long-term care older adults, walking ability, walking aids

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