

研究業績 英文表記

和文	
表題	整形疾患を有する女性高齢者の歩行補助具の種類を分ける身体機能の検討 －独歩群, 杖群, 歩行器・歩行車群による比較－
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英文	
Title	Physical Functions of Different Types of Walking Aids for Older Females with Orthopedic Disorders - Comparing Independent Walk, Cane, and Walker/rollator Groups -
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Abstract	[Purpose] To clarify physical functions that different types of walking aids for older people with orthopedic disorders. [Participants and Methods] A total of 230 older females (mean age: 83; range: 79-87) with orthopedic disorders were divided into 3 groups, independent walk, cane, and walker/rollator, to analyze distinguishing factors. [Results] Thirty-second chair stand (CS-30; cutoff: 11 times) and standing on one leg with the eyes open (SOL-EO; 23 seconds) test results distinguished the independent walk and cane groups, whereas the hand grip strength (29.9 kg) distinguished the cane and walker/rollator groups. [Conclusion] The older adults who used a cane had decreased lower limb muscle strength and balance ability. In addition, the grip strength of the older adults who used a walker/ rollator was lower.
keyword	older adults, walking ability, walking aids

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