척수재활

게시일시 및 장소 : 10 월 19 일(토) 08:30-12:30 Room G(3F)

질의응답 일시 및 장소 : 10 월 19 일(토) 11:00-11:30 Room G(3F)

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A Case Report on Caring Works of a Care-receiver and a Caregiver on the Basis of ICF core sets

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OBJECTIVES
This case study was confirmed to difficulties on caring works of a caregiver for a care-receiver with significant disability at home.

SUBJECTS AND METHODS
The subjects were a care-receiver of 45 years old male with significant disability and a caregiver of 59 years old male. We evaluated the problems of caring works using a ICF core sets based in-depth interview for all subjects. We also figured out difficulties of caring work using the Observer XT version 12.5 (Noldus, Netherlands) for duration and frequency of care activity for two hours from 8am to 10am. We evaluated the physical burden of caregiver's risk posture factors using the REBA (Rapid Entire body Assessment) tool. We analyzed the relationship between the physical burden, the duration of care activities, the frequency of care activities and the problems of caring works.

RESULTS
As a result, care-receiver's activity performance level in ICF core sets was severe or total assistance. All subjects had most difficulties in transfer activities. Even though the duration (14.7 seconds (0.71%)) and frequency (1 time) of transfer assistance activity were low [Fig. 1]. And there was a relationship between a risk posture and the burden of transfer assistance [Fig. 2].

CONCLUSION
We identified the difficulties of the burden of transfer assistance in caring works with subjects. In the future, it is necessary to study by using biomechanical measuring devices and psychological assessment tools for improving of caring works.

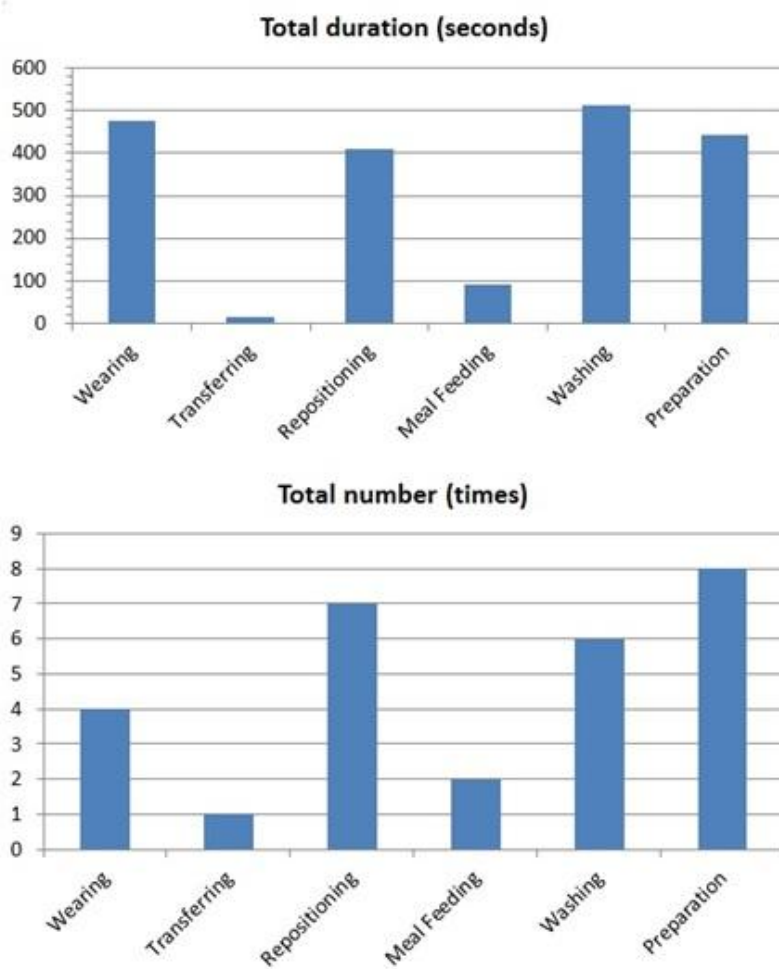Care Robots (HK19C0002), National Rehabilitation Center, Ministry of Health and Welfare, Korea.

Figure. 1 Results of Observer XT

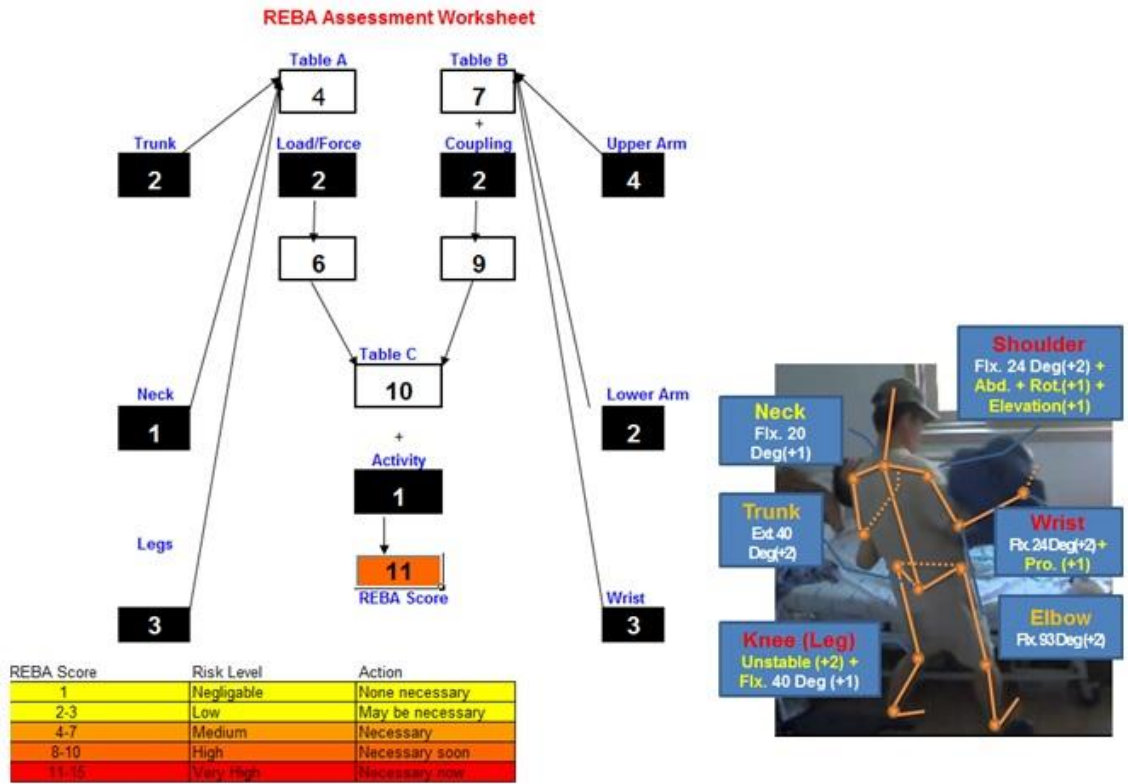Figure. 2 Result of REBA