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## Validity and reliability of the Turkish version modified falls efficacy scale

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This study was carried out in order to determine the validity and reliability of Turkish language version of the Modified Falls Efficacy Scale (MFES) which has been developed to define fear of falling of old individuals. The study sample included 141 volunteers with an age 65 years and over to assess the test-retest reliability of the Turkish MFES, questionnaire was applied again 15 days after the first interview (interclass correlation: ICC) MFES was compared with Barthell indeks (BI), Rivermead Mobilitate Indeks (RMI), and Falls Behavioural Scale (FaB) for construct validity. The internal structure of the MFES was examined by factor analysis. Cronbach's alpha value of Scale was .98. Test-retest stability coefficients ranged between .73-.99 for each item. The Turkish MFES total scores were correlated with RMI and BI positively and FAB negatively. It was found that the Turkish version of the MFES was a reliable and valid measure of fear of falling in Turkish older people.

**Key words:** Fear of falling, Modified Falls Efficacy Scale, Validity and reliability, Elderly.

### Biography

Canan Birimoglu is an Research Assistant at Gazi University, Department of Public Health Nursing. She has almost finish her PhD. She is interested in gerontological and geriatric nursing, health promotion, school health and nursing research. Her thesis about Tai Chi Chuan excersize with elderly people.

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