

ABSTRACT

Development of Parental Attitude Scale Towards Rational Drug Use

Aim: The study aims to develop a valid and reliable measurement instrument to determine parental attitudes towards rational drug use.

Materials and Method: The methodological study was conducted between May and December 2017 in pediatric clinics of a university hospital and in a FHC region in the province of Erzurum, Turkey. The study population consisted of the parents with 0-12-year-old children in the studied outpatient clinics and FHC. Study samples consisted of 517 parents. "Parental Introductory Information Form" and "Parental Attitude Scale towards Rational Drug Use" were used in the collection of study data. In the evaluation of the data, validity and reliability analyses were used. In addition, percentage, mean, independent t test, Mann-Whitney U test, Kruskal Wallis test, ANOVA and advanced analyses were used.

Results: In the study, scale's validity was verified, and the content validity index was found to be 0.71. For the explanatory factor analysis, the KMO score was 0.86 and the Bartlett's test was $\chi^2=7559.22$ in the study ($p<0.05$). For confirmatory factor analysis, the corrected chi-square value was 3.47, the root-mean-square error was 0.06, the comparative fit index was 0.06, and the scale structure was confirmed according to these results. As a result, the scale consisted of 40 items and 2 sub-scales. In addition, the Cronbach's Alpha value of the scale was 0.88. Item-total correlation values were 0.322-0.61, and test-retest value was $r = 0.85$, $p < 0.05$. In addition, the average total score of the parents was 157.13 ± 16.25 . A statistically significant difference was found between the mean scores in terms of gender, place of residence, family type, social security status, income level, education status, employment status, place of admission in case of children's disease, and non-prescribed drug administration status ($p<0.05$).

Conclusion: Parental Attitude Scale towards Rational Drug Use is a valid and reliable scale. In the study, it was determined that the attitude towards rational drug use was affected by some variables.

Key Words: Attitude, nurse, parents, rational drug use, scale.