

Development of the rational drug use scale

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Aim: This study was conducted in order to develop the “rational drug use scale”.

Material and Method: The research was carried out methodologically. The population of the study was composed of all the patients (n=396) receiving hemodialysis treatment in the dialysis units where the study was conducted. After determining the scale items and

taking expert opinions, the final scale was created. A total of 325 patients were reached for validity and reliability analysis of the scale.

Results: According to the exploratory and confirmatory factor analysis, rational drug use scale has 21 items and a single factor. This factor measures whether patients use effective, reliable, appropriate and cheap drugs. A Cronbach’s alpha coefficient was 0.84.

Conclusion: According to these results, RDUS is a valid and reliable scale for

measuring rational drug use. It is recommended that RDUS be used to determine rational drug use in different patient groups and use before and after trainings for rational drug use. In addition, it is recommended to determine whether the factor structure is maintained by conducting validity and reliability studies in different cultures.

Biography

Zeliha Cengiz is a PhD student in the Fundamentals of Nursing. She has more than 8years of history in nursing profession. She is currently working research assistants at Inonu University Facult of Nursing.

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