Original

Structural Model of Predicting Sleep Disorders through Symptoms of Depression with the Mediating Role of Social Support in Dialysis Patients

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Abstract

Background: The present study was conducted with the aim of investigating the structural model of predicting sleep disorders through symptoms of depression with the mediating role of social support in dialysis patients.

Methods: The design of the current research was correlation of the structural equation modeling type. The sample of study consisted of 250 dialysis patients in Tehran hospitals in 2022-23, who were selected by available sampling method. The research instruments were Pittsburgh sleep quality questionnaires, Beck depression, and Zammit et al social support. Structural equation modeling was used in data analysis.

Results: The findings showed that social support plays a mediating role in the relationship between depression with sleep disorders. Also, the direct relationship between depression with social support and sleep disorders was statistically significant.

Conclusion: Therefore, it can be concluded that special attention should be paid to the elimination and adjustment of effective and causal factors in formulating therapeutic interventions for sleep disorders in dialysis patients.

Keywords: Depression, Dialysis patients, Sleep disorders, Social support