

The Relationship between Glucose Level- controlling Behaviour for Clients with Diabetes Mellitus and Their Demographic Characteristics

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ABSTRACT

Background: Diabetes Mellitus is a complex chronic disease, requiring continuous medical care with multi factorial risk reduction strategies beyond glycemetic control.

Objective: The present study aims to determine the Relationship between Glucose Level- controlling Behaviour and Demographic Characteristics for clients with Diabetes mellitus.

Methods: Simple random sample of 60 diabetic clients who are attending Primary Healthcare Centers at Al-Karkh District of Baghdad were included in the present study. The participants were divided into experimental group (N=30) and control group (N=30), matched for age and gender.

Results: the experimental group are (35-<45) year old (59.4%), males (72.6%), married (66%), Bachelor Degree graduates (29.7%), self-employed (39.6%), having moderate socioeconomic status (72.6%) and urban residents (56.1%). There was highly significant comparative difference between the pretest and posttest I of the experimental group relative to glucose level controlling behavior. Also, there is highly significant comparative difference between the posttest I and posttest II of the experimental group relative to glucose level controlling behavior. In addition, there was highly significant difference between pretest, posttest I and posttest II of the experimental group relative to glucose level controlling behavior. The results of the study confirmed that the mean of age is (55.7) year, and the majority of the sample are male, first degree relatives with diabetes mellitus type-II are within positive bio-social aspect and laboratory screening had an effect on the incidence of diabetes mellitus type-II for first degree relatives to type-II diabetes mellitus.

Conclusion: Demographic Characteristics is effective in Glucose Level- controlling Behaviour for Clients for clients with DM.

Keywords: Demographic Characteristics, Glucose Level, Controlling Behavior, Diabetes Mellitus, University of Baghdad

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