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Pharmaceutical care program educate patient on quality of life (QOL) in type2 diabetes mellitus in Dhule

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Introduction: Diabetes mellitus is one of the major causes of illness and disability across the world. Patient knowledge, attitude, practice of the diabetes is an important concept and it has direct effect on quality of life.

Objective: The main objective of the study is to assess the impact Pharmaceutical Care Program provided patient education on Quality of life outcomes.

Method: Randomized control study was conducted in general medicine department of a civil hospital, Dhule (MS). Patients were enrolled and randomized in to control and intervention group based on inclusion and exclusion criteria. A total of three follow ups were made from the baseline. At each follow up questionnaires were applied to both the groups and their blood glucose was measured. Educational materials PIL (patient information leaflet) and formal counseling was given to intervention group at each level and to the control group at final follow up.

Results and discussion: A total of two hundred patients were enrolled. A significant increase in QOL, KAP, adherence scores (P value <0.05) was observed in intervention group when compared to control group. Blood glucose level in intervention group was significantly changed, as compared to control group.

Conclusion: This study concludes Pharmaceutical Care Program plays an important role in educating the patients to maintain their quality of life.

Biography

Tabrej Mujawar completed M Pharm in clinical pharmacology 2009 and pursuing PhD from North Maharashtra University, Jalgaon, Maharashtra, He is published 5 papers in international Journal.

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