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Evaluation of pharmaceutical care services on health related QOL in patients with type 2 Diabetes mellitus: A prospective interventional study

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In the last three decades, role of pharmacist has changed dramatically. Patient counselling by pharmacist deals with providing information to the patients regarding the disease, medications and lifestyle modifications. Diabetes mellitus (DM) is a severe medical and social problem that affects patient's general wellbeing. Despite of the advances in understanding the disease and its management, the morbidity and mortality rate are in rise. The current six months prospective interventional study aims in evaluating the impact of pharmaceutical care services on quality of life in type 2 Diabetes mellitus and to improve the knowledge, practice & attitude, quality of life of patients towards disease management. Out of 80 patients, who are having Diabetes mellitus and given patient counseling again collected after 1st and 2nd month. The paired t-test in Graph Pad InStat was used for statistical calculation. The overall KAP scores for diabetes patients between test of baseline and final follow up was statistically significant ($P < 0.001$). The test group has shown increased medication adherence than control which shows the importance of patient counseling. The study concluded that pharmacist mediated patient counseling and the disease, medications and lifestyle modifications will improve the knowledge, attitude and practice, Quality of life and Glycemic control.

Biography

Kartheek Mungara pursuing Doctor of Pharmacy (PharmD) degree in Raghavendra Institute of Pharmaceutical Education and Research (RIPER), Anantapuramu, Andhra Pradesh. He has participated and presented papers in the field of pharmacy practice in nearly 6 national and international conferences. He is a member of various professional organizations like IPA, ISPOR - India Andhra Pradesh chapter. As a part of organizing committee organized national and international conferences on behalf of ISPOR India - Andhra Pradesh chapter. He also a member student publication committee of RIPER PDIC bulletin.

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