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Assesment of quality of life amonge type 2 diabetes patients and its associated risk factors

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Diabetes is a growing problem worldwide where its incidence and prevalence are increasing at an alarming rate. Its association with several comorbidities is common, making patients more susceptible to drug related problems (DRP). As a consequence, DRPs may affect patients quality of life (QoL) and may increase their morbidity and mortality risk. The objective of this study was to assess QoL and the impact of DRPs on it. A cross-sectional study was conducted among T2D patients who were attending a tertiary care teaching hospital, Lebanon. Data was collected from medical files and patient interview. The identification DRPs were based on the Pharmaceutical Care Network Europe tool version 8.03. The QoL was assessed using Health Related Quality of Life Brief Clinical Inventory. Data was analyzed using SPSS version 23. The total number of DRP was 313 with a mean of 2.05 ± 1.03 per patient. The most common DRPs encountered were adverse drug event (31.3%), untreated symptoms or indication (10.54%), effect of drug treatment not

optimal (7.34%) and high drug dose (7.34%). The average QoL was 40 ± 9.900 . Linear regression showed that problems "effect of drug treatment not optimal, untreated indication, adverse drug event and Patient uses unnecessary drug" were associated with poor QoL score, while "Incomplete drug treatment was associated with better score. Proper therapy management is necessary to prevent progression and occurrence of DRPs, for a better QoL in diabetes patients.

Biography

Amena Aidibi has completed her Masters Research in the [Department of Clinical Pharmacy](#) and [Pharmacoepidemiology](#) from [Lebanese University](#). Her research interest mainly focusses on Diabetes, Nutrition and Obesity.

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