

## **P-410 - EVALUATION OF PHYSICIANS' KNOWLEDGE AND AWARENESS ABOUT DEPRESSION IN PRIMARY FAMILY HEALTH CARE CENTERS FOR DIABETES MELLITUS IN ALEXANDRIA, EGYPT**

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**Background:** In Egypt, the total number of persons with diagnosed and undiagnosed Diabetes is expected to increase more than double from 3.80 million to 8.80 million by the year 2025. Compared with the prevalence of depression among normal subjects. These reports indicate that >25% of patients with diabetes reach clinical criteria for depression, a rate far higher than in the general population. The comorbidity of diabetes and depression is associated with adverse diabetic outcomes, compared with nondepressed diabetic patients.

**Aim:** To evaluate the knowledge of family physicians concerning occurrence, early detection and management of depression in type II diabetic patients attending family health centers in Alexandria.

**Material and method:** A sample size of approximately 303 adult diabetic cases of type II in the age category of (20-60) years old based on a prevalence of 27% of depression in diabetics, degree of precision of 5% and confidence level of 95%, will be randomly selected from the attendees of the studied family health facilities. Two days of the week will be selected randomly to visit the studied primary health care facilities till the allocated sample size is reached. A self-administered questionnaire was designed for family physicians to assess their knowledge about early detection & management of depression in type II diabetic patients.

**Results:** Statistical analysis shows poor knowledge about depression among primary health care physicians in Diabetes Mellitus outpatient service.