

Psychiatric disorders in children and adolescents with type 1 diabetes mellitus

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The aim of the work is to study psychiatric disorders among children and adolescents with type 1 DM. A sample of 85 diabetic patients (type 1 DM) are selected randomly, aged from 6-18 years, both sexes are included. 78 Mothers of young diabetics are included in the study. A control group of 40 individuals matched with the cases are selected randomly from the summer school clubs in Ain Shams and Mataria Zones. The diabetic group is subjected to the following: 1) Detailed psychiatric interview. 2) Pediatric clinical examination. 3) Modified Social Score of Egyptian Community. 4) Laboratory routine investigations done every 3 months.

The rate of psychiatric disorders among them is nearly double (44.7%) the control group (22.5%), depressive disorders occur at a significantly higher rate among diabetics (22.4%) than controls (2.5%). Major depressive disorders are the most frequent psychiatric disorder among young diabetics. ODD is the second common psychiatric disorder among diabetics with significant higher rate (11.8%) than controls (2.5%). Also she found that behavioral disorders are more common in patients with early onset of diabetes mellitus. 50% of diabetics with psychiatric morbidity have the onset of their current psychiatric diagnosis during the first year of diabetes.