

Levels of some blood enzymes in schizophrenia

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The aim of this work is to assess the serum levels of creatinine phosphokinase (CPK), serum glutamic oxaloacetic transaminase (SGOT), serum glutamic pyruvic acid transaminase (SGPT) and lactic acid dehydrogenase (LDH) in schizophrenia patients. 30 schizophrenic patients attending Neuropsychiatry Department, Alexandria Main University Hospital are chosen for the study. They are divided into 2 groups, early cases with recent symptomatology and patients with schizophrenic manifestations for more than one year. The first group (17 patients) is divided into 2 subgroups, patients who develop the psychotic manifestations for the first time (9 cases, 4 males and 5 females of age ranging between 18 and 38 years) and patients who have recent relapse of psychotic symptoms on top of chronic schizophrenia (8 cases, 7 females and one male, age ranging from 19 to 38 years). The second group includes 13 patients (4 females and 9 males, age ranging from 18 to 47 years). The patients and control group (five normal healthy volunteers, 3 males and 2 females, their ages ranging from 18 to 35 years) are subjected to clinical and psychiatric examination and assessment of their serum levels of CPK, SGOT, SGPT and LDH.