

## P03-51 - FOLATE AND VITAMIN B12 SERUM LEVELS IN FIRST PSYCHOTIC EPISODE IN MENTAL HEALTH CENTER

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Low folate and vitamin B12 serum levels are associated with schizophrenia, and other psychotic disorders.

**Objectives:** Determinate folate and vitamin B12 serum levels in a sample of naive psychotic patients and in a sample of healthy population.

**Methods:** For 24 patients with a first psychotic episode serum folate and vitamin B12 were measured, and we take a sample of 30 person from healthy population adjust with age and gender for comparing both groups.

**Results:** In the sample of psychotic patients 15 patients (62,5%) presents low levels of folate, and 2 (8,3%) vitamin B12 deficiency. In the group with low levels of folate the mean was 1,5 ng/ml, and in the group with low levels of vitamin B12 the mean was 155 pg/ml. In healthy sample, 9 persons presents low levels of folate and there weren't any vitamin B12 deficiency in this group. We compared the mean of folate levels in both samples and there was a significance difference between them.

**Conclusions:** Important percentage of patients with a first psychotic episode presents a folate deficiency, in our area, with lower levels of this vitamin than in the healthy population, so maybe is a factor that influence in development of the disorder.