

Poster presentation

Calcium-blood levels abnormalities and neurological and psychiatric manifestations: two characteristic cases in Florina, Greece

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Background

To present the direct relationship of calcium blood levels abnormalities with neurological and psychiatric disorders.

Material and Methods

Two cases are discussed, one with hypercalcemia and one with hypocalcemia and their mental state was studied.

Results

In first case, a 73-years old woman presented to us with fatigue and progressive neurological manifestation being developed within 24 hours was studied. Laboratory studies revealed hypercalcemia. In the second case a 40-years old woman, presented with a major epileptic crisis was studied. Laboratory studies revealed hypocalcemia.

Discussion

In conclusion, during the differential diagnosis of any kind of mental disorders, metabolic abnormalities, especially of calcium blood levels must be included.