

**TREATMENT OF SENILE DEMENTIA OF ALZHEIMER TYPE WITH OZONE THERAPY AND ELECTROMAGNETIC FIELD.**

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The aim of this study was to introduce a new method of treatment by means of the combination of ozone therapy and electromagnetic field in the therapeutic of the Alzheimer disease, in order to improve the quality of life of these patients. This study was a prospective trial performed in 60 patients with probable Alzheimer's disease according to NINCDS-ADRDA group criteria. The evaluation of patients included clinical history, exploration of mental status according to Folstein's Minimental Test, Hachinski's ischemic score, the global deterioration scale and the dementia behavior score. Other studies included electroencephalograph, evoked potential (P300) and CT scan of the brain. The patients were randomly assigned in two treatment groups: Group I: rectal ozone and electromagnetic treatment and Group II: control group. Efficacy assessment was made at 3 months intervals and defined three ranges of responses: improvement, progression and not answer. Seventy-six percent of the patients who were treated with ozone and electromagnetic field improved after being treated during a month. This response remained in 57,0 % of the patients after six month of treatment. Any improvement was observed in the control group.