

HORMONAL PROFILE IN CHILDREN WITH HEARING LOSS THAT RECEIVE OZONE THERAPY.

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It was carried out a study in 19 children, of the special school "René Vilches" with different grades, ages and development level of language, with the aim of evaluating the behavior of different hormones (T4, T3, TSH, cortisol) and insulin, at the beginning and at the end of rectal ozone treatment in doses according to weight. The results demonstrated that hiperthyroxinemia cases disappeared obtaining a value of T4 significantly lower in the post-treatment. Cortisol reached values significantly lower, up a normal population distribution. Also, insulin values were normal at the end of the treatment. This study showed that ozone, at appropriate doses, is capable to regulate the cellular metabolism.