

Dosage/ response study on the impact of *Young Tissue Extract* on short term memory loss

| Study no. 2, short term memory |
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The study was performed in 2003 and took place in Aas, Norway.

Introduction

Young Tissue Extract (YTE) is an extract of fertilized, partly incubated chicken eggs. The protein fractions isolated and used are derived at the pre- embryonic stage of the avian embryo, and are believed improve the steroidogenesis in the body and lower the synthesis of stress hormones.

To determine if YTE is an agent that enhances memory, a study of the effect of various doses of YTE on persons with reduced short term memory.

Subjects and Methods

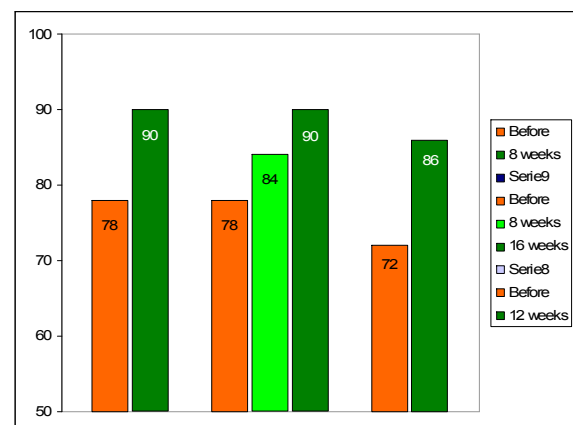
A total of 16 individuals completed this study. The test subjects were randomly divided into 4 groups of 4 individuals in each group, everyone ingesting YTE for 8 weeks. The 4 groups were tested on different doses, 0, 2, 4, and 8 grams of YTE per day.

Each individual undertook the Californian Memory Test within one week before the study started. They were then again tested after finishing the study.

Results

The average score prior to the study for the whole group were 70,8 percent of optimal short term memory.

The group with 2 grams of YTE per day increased the average score to 84,6 percent in 8 weeks. The group with 4 grams increased to 86,8 and the group on 8 grams increased to 89,4 percent. The group on placebo increased the average score to 72,8 percent.



General comments

The placebo effect seems relatively small, as the group on placebo showed an increase of only 2,8 percent. The other results were more or less consistent with the results of study 1. It is also evident that the effect increases with higher doses.