

## KORASZÜLÖTT GYERMEKEK PSZICHODIAGNOSZTIKAI VIZSGÁLATÁNAK ÉS ISKOLAI BEVÁLÁSÁNAK EREDMÉNYEI

ESTEFÁMÉ VARGA MAGDOLNA

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**Abstract:** *The Hypothesis* The goal of my research was to determine whether premature birth as a biological risk factor determines the child's mental development, attainment of scholastic maturity and subsequent aptitude and integration in the school.

Furthermore, I have also investigated the effect of environmental factors, socio-economic status, education in the home and intellectual influences, and the degree to which these factors help or detain scholastic aptitude. In the longitudinal study, I was interested to determine which class of factors promoted children's scholastic aptitude: the environmental influences or biological factors. In addition, I was also interested to find out which of the psychological tests had a predictive value concerning scholastic aptitude.

The *investigational sample* consisted of 30 prematurely-born children (14 boys and 16 girls) from the ministration area of the Eger Educational Counselling Centre. The children's perinatal risk-level was as follows: average gestation period: 33.9 weeks; birth weight under 2500 grams, average weight 1885 grams.

Methods of Investigation and Applied Investigational Parameters:

1. Biological parameters (anamnestic data: pre- and perinatal biological data: process of gestation, gestation period, birth-weight; data of development: locomotion and speech).

2. Characteristics of the domestic environment: SES at the age of 6, the educational attitude of the mother, intellectual stimulating factors; HOME inventory at the age of 10.

3. Output variables indicative of the level of development:

Budapest Binet IQ at the age of 6, and the Goodenough evaluation of human representation as an index of visuo-motory coordination, as well as the Bender-test (B variant, Santucci and Galifret-Granjanian evaluation)

HAWIK at the age of 10, Bender B and Brickenkamp's advergence-test (d2)

Questionnaire to seek school teacher's opinion at the end of the first school year, repeated at the end of the fourth school year.

4. Computer software applied: BMDP 2V, BMDP 4M, BMDP 7M (for examinations between the ages of 6 and 7), BMDP PC 90 software package (follow-up examination at the age of 10).