

A study of the chromosomes in Egyptian schizophrenics

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This study aimed to find out an anomaly that can be demonstrated on the cytological level. Forty selected cases of schizophrenia, unmixed with any other mental or physical disorder subjected to chromosomal counts obtained by short term leukocyte culture and chromosome karyotyping were included in this study. The results showed that chromosome karyotyping submitted a strong evidence of trisomy in the group 13-15 in association with monosomy of group 16-18. Abnormally enlarged satellites could be observed among all the acrocentric autosomes of groups 13-15 as well as those of group 21-22.