

Glucose 6-phosphate Dehydrogenase Deficiency among the Kolams of Adilabad, Andhra Pradesh

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ABSTRACT Kolam is a primitive tribal population inhabiting Adilabad district of Andhra Pradesh and practicing a high degree of consanguinity. Data are presented here on the incidence of G6PD deficiency, generational variation and the effect of consanguinity on its distribution among them. The Sample consisted of 454 individuals out of which 226 were males and 228 were females. Overall frequency of *Gd* allele was 0.1151 in males and .0373 among the females. For the generational variation analysis 135 females were included. In the female population of the offspring generation the G6PD deficiency in both homozygous and heterozygous conditions seemed to be higher than that of their mothers in the parental generation