Incidence of NESTROFT-positive among the Kolams of District 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. Sickle cell anemia is not the only haemoglobinopathy found among the Indian tribes. Other Hb variants like HbE, HbC, HbD and the structural defects in the synthesis of haemoglobin in the form of alpha- and beta-thalassaemias may also be present. For the extensive screening of the population for abnormal haemoglobins, the most inexpensive and commonly used technique is the "naked eye single tube red cell osmotic fragility test" (NESTROFT). In the present study the incidence of Nestroyf-positive in the Kolam tribe of Andhra Pradesh have been reported.