

Incidence of Sick Cell Trait among the Mahar of Raipur, Chhattisgarh

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ABSTRACT The wide variation of genetic markers in different groups of people could be attributed to socio-environmental conditions where diseases play a vital role in the form of natural selection. In the present paper an attempt has been made to see the incidence of sickle cell anaemia trait in the Mahar of Raipur, Chhattisgarh. With this aim a sample of 139 (68 males and 71 females) has been screened by Solubility Test. The study reveals 17.27 % positive for the trait and 2.16 % for disease. The magnitude of sickle cell trait was found to be alarming in tribal populations of central and western parts of India followed by scheduled caste and other communities as revealed by earlier studies.