

Occurrence of Sickie Gene and Malaria among the Mehra (Jhariya) Caste of Mandla District, Madhya Pradesh, India

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ABSTRACT Madhya Pradesh state and Mandla district is heart place of India. In the present survey forty-three percent people of Mehra (Jhariya) caste of Mandla district were found to be sicklers; the frequency of the HbS gene was recorded 0.245 in this population. Furthermore, it was seen that 44.18 percent normal individual were affected by the malarial parasite in last one year, either once or twice; the sicklers (23.25%) were more frequently affected as compared to normal individual (17.54%). The percentage of never affected individual was found to be more among normal individuals (17.54%) as compared to sicklers (9.30%). The sicklers were more susceptible towards different type of infections due to their anaemic conditions.