List of Tables

Table | Title | Page
---|---|---
### Chapter 1. Prevalence of Malaria.
Table 1: | Prevalence of malaria showing *Plasmodium falciparum*, *Plasmodium vivax* and mixed infections during 2011. | 39
Table 2: | Prevalence of malaria showing *Plasmodium falciparum*, *Plasmodium vivax* and mixed infections during 2012. | 40
Table 3: | Prevalence of malaria showing *Plasmodium falciparum*, *Plasmodium vivax* and mixed infections during 2013. | 41
Table 4: | Prevalence of malaria showing *Plasmodium falciparum*, *Plasmodium vivax* and mixed infections during 2011-2013. | 42
Table 5: | Year wise slide positivity rate and prevalence of *Plasmodium falciparum*, *Plasmodium vivax* and mixed infection for years 2011, 2012 and 2013. | 43
Table 6: | Sex wise distribution of malaria during 2011-13. | 45
Table 7: | Uncomplicated and complicated severe malaria cases on the basis of parasitaemia during the study period 2011-2013. | 46
Table 8: | Results of microscopic examination of blood film and QBC technique. | 47
### Chapter 2. Relapse and Resistance in Malaria.
Table 1: | Relapse and resistance against the antimalarials used to treat *Plasmodium vivax* and *Plasmodium falciparum* infections. | 61
Table 2: | Relapse pattern in *Plasmodium vivax* patients after treatment with chloroquine and varying doses of primaquine. | 62
Table 3: Level of resistance in *Plasmodium falciparum* patients against sulfadoxine-pyrimethamine.

Table 4: Recrudescence in *Plasmodium falciparum* against artemisinin and artemisinin combination therapy during 2011-2013.

Chapter 3. Mutations associated with dihydrofolate reductase enzyme in *Plasmodium falciparum* and *Plasmodium vivax*.

Table 1: DHFR genotypes of *Plasmodium falciparum* in Aligarh, Uttar Pradesh, India.

Table 2: DHFR genotypes of *Plasmodium vivax* in Aligarh, Uttar Pradesh, India.

Chapter 4. Clinical manifestations in malaria.

Table 1: Symptoms in the patients of *P. falciparum*, *P. vivax* and mixed infections.

Table 2: Showing age wise distribution of malaria in male and female patients.

Table 3: Showing clinical parameters in *P. falciparum* and *P. vivax* malaria.

Table 4: Splenomegaly, jaundice and neurological sequelae in children under ten years of age and older patients.

Table 5: Liver enzymes, serum bilirubin, creatinine and urea at different levels of parasitaemia in falciparum, vivax and mixed malaria patients of Aligarh, India.

Table 6: Liver enzymes, serum bilirubin, creatinine and urea in different age groups of male and female patients of *P. falciparum*.

Table 7: Liver enzymes, serum bilirubin, creatinine and urea in different age groups of male and female patients of *P. vivax*. 