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**Original article:**

**Study on admitted cases of complicated malaria in Government General Hospital, Guntur**

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**Abstract:**

**Introduction**: Failure of early diagnosis and complete treatment of malaria cases will lead to complicated or severe malaria which is a life threatening condition.

**Material & Methods**: Present study was a hospital based prospective study done under the Department of General Medicine, Government General Hospital & Guntur Medical College. Duration of the study was for one year. All confirmed malaria cases aged above 18 years and satisfying at least one or more parameters of criteria for complicated malaria as per WHO guidelines were included in the study.

**Results**: A total of 52 patients who were diagnosed to have severe malaria during the study period of one year were studied. The mean age of the patients was 38.25±12.65 years. Out of which, majority (72%) were males and 28% females. Complications noticed in the present study were cerebral malaria in one fourth of the study population (25.8%), acute renal failure (32.7%) and Acute Respiratory Distress Syndrome (ARDS) (6.2%).

**Conclusions**: A high proportion of complications were noticed in severe malaria cases leading to significant morbidity and mortality.

**Keywords**: complicated malaria, acute renal failure, Acute Respiratory Distress Syndrome, hospital