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**Original article
Prevalence of cerebrovascular accidents (CVA) in obese hypertensives among inpatients of Govt.General Hospital, Guntur**

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**Abstract:**

**Background:** Cerebrovascular accident (CVA) or Stroke is known as the abrupt onset of neurological deficit that is attributable to a focal vascular cause. Stroke has been found to be associated with hypertension, diabetes, hyperlipidemias and many metabolic syndromes. Hence the present study has been done with an objective to determine the prevalence of cerebrovascular accidents in obese hypertensives and to evaluate obesity as an individual risk factor for CVA.

**Material & Methods**: It was a non-experimental prospective observational study done in Government General Hospital, Guntur. Patients admitted to general medicine ward as inpatients with CVA were evaluated. A total number of 202 patients were admitted in the hospital during the study period i.e., from March 1st to August 31st.

**Results**: A total of 202 patients were admitted with CVA during the study period. Among obese hypertensives, prevalence of overall CVA was found to be 24.2% with more preponderance among females compared with males. Hypertension was associated with greater number (38%) of obese CVA subjects.

 **Conclusions**: Though the results are showing the new trend in order to establish the findings more substantially. The study needs to be done on much larger scale and multiple centers all over the world.

**Keywords**: cerebrovascular accidents (CVA), obese hypertensives, Guntur