

***Analysis of Risk Factors Related With Cerebral Vascular Accident Causes In Patients In Inpatient Installation Balung Hospital Based On Medical Record Document Year 2012, Dwi Saputra, Nim E4110234, Year 2014, 98 pp, Medical Record, Health, State Polytechnic of Jember, Sustin Farlinda, S.Kom.,MT (Supervisor I) and Feby Erawantini, S.KM.,MPH (Supervisor II).***

**Dwi Saputra**  
Medical Record Study Program  
Health Department

## **ABSTRACT**

*Cerebral vascular accident is an acute neurological dysfunction caused by circulatory disorders of the brain , where the sudden in a matter of seconds or faster in a few hours the symptoms and signs in accordance with the focal area of the brain is interrupted . The purpose of this study was to analyze the risk factors related with the cause of cerebral vascular accident in patients in inpatient installation Balung Hospital . The type of this research is an analytic observational study with cross sectional approach . The population was 168 patients with cerebral vascular accident data with a large sample of 61 data taken by simple random sampling . Statistical analysis using the chi-square test . From the results, the risk factors related with the cause of cerebral vascular accident is a history of hypertension (  $p = 0.000 < \alpha = 0.05$  ) , history of diabetes mellitus (  $p = 0.004 < \alpha = 0.05$  ) , history of hypercholesterolemia (  $p = 0.000 < \alpha = 0.05$  ) , history of dislipidemia (  $p = 0.000 < \alpha = 0.05$  ) and past medical history (  $p = 0.000 < \alpha = 0.05$  ) . Risk factors that do not have a relationship with cerebral vascular accident causes were gender (  $p = 0.523 > \alpha = 0.05$  ) . It is concluded that there is a relationship between a history of hypertension , history of diabetes mellitus , history of hypercholesterolemia, history of dislipidemia and past medical history with cerebral vascular accident causes . Hospitals are advised to do counseling or providing information to people who are under 40 years of secondary prevention ( healthy lifestyle , risk factor control ) can be made directly or indirectly in the form of counseling in the form of media such as advertisements , posters / flyers.*

**Key words :** Risk factors , and cerebral vascular accident.