Abstract

The surgical treatment of traumatic hematomas in the elderly is a complex and controversial topic due to its associated high mortality rate. Objective: the purpose of this article is to present the preliminary findings on the use of limited craniotomy for the evacuation acute juxtadural traumatic hematomas in the elderly. Method: a descriptive study on the surgical treatment results of acute juxtadural traumatic hematomas was conducted involving 19 elderly patients of 60 years and over treated in the Neurosurgical service at the University Hospital “Manuel Ascunce Domenech” from January 2008 to December 2010. Results: CAT scan results revealed the presence of acute hemispheric subdural hematomas in 17 patients. The 58.8% of patients diagnosed with acute subdural hematoma as well as the 100% of those with intracerebral hematomas died. Eighteen limited craniotomies were performed with a 39% survival rate. Conclusion: this research reveals promising preliminary results for limited craniotomy as the treatment of choice for these primary lesions, owing to the fact that close to 40% of patients who had this treatment survived with good prognosis what is considered as a therapeutic option pending to assess its results in future research.

Keywords

AGED, CRANEOTOMY, CELEBRAL HEMORRHAGE, TRAUMATIC, EPIDEMIOLOGY DESCRIPTIVE.