

ABSTRACT

CLINICOPATHOLOGY CHARACTERISTICS OF BRAIN TUMOR IN TWO HOSPITALS AT BANDAR LAMPUNG

By

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Brain tumor is a tumor which located in brain, central nervous systems and membranes lining the brain (*meninges*). Brain tumors were the second cause of death of cancer in male patients by the age of 20-39 years. In Indonesia, there is still limited data of brain tumor, especially in Lampung. The aim of this study is to find out the clinical and histopathology characteristics of brain tumor in Rumah Sakit Umum Daerah Abdul Moeloek (RSUDAM) and Imanuel hospital in Bandar Lampung. This research is a descriptive study with cross sectional approach. We take all data of brain tumor patients who diagnosed by phatologist at Anatomical Pathology laboratory. During 2009-2013 there were 173 cases. Ten cases were from Imanuel hospital and 163 cases were from RSUDAM. Female are more often get brain tumors than male. The ratio is 1,8:1. We found that meningioma is the most frequent tumor count by 100 (57.8 %) of 173 cases followed by *astrocitoma* which is 50 cases (28.9 %). The frontal is known as the most frequent site of the tumor. The brain tumors increase by the age range of 30-34 years (9.2 %), reach the peak at 40-44 years (17.9 %) and decrease at the older ages. The

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most frequent symptom is headache which is 69 (84.1 %) of 82 cases. The treatment of brain tumor is surgery without chemotherapy or radiotherapy.

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