

Predictor Factors of Seizure in CVT Patients Who Admitted in Al-Zahra Hospital During Years ۲۰۰۷-۲۰۱۱

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Introduction: Cerebral Venous Thrombosis (CVT), is a rare kind of stroke but seizure is among the greatest concern in CVT management. Nevertheless, we tried to evaluate the prognostic factors for the seizure development in CVT.

Method: Through a prospective study we followed the CVT patients among January ۲۰۰۷ until January ۲۰۱۱. Different factors were recorded in patients with presenting CVT.

Results: among ۹۴ patients who developed CVT, ۳۲ (۳۴%) experienced at least one seizure. The results showed significant relationship between supra-tentorial lesions and presenting seizure. (Pvalue:۰.۰۳, OR:۳.۲۱, CI: ۱.۰۴-۹.۹۰)

Discussion: based on our results, the most important prognostic factor for presenting seizure are supra-tentorial lesions. However, further larger prospective studies are needed to confirm our results.

Keywords: seizure, cerebral venous thrombosis, risk factors, prognosis.