Predictor Factors of Seizure in CVT Patients Who Admitted in Al-Zahra Hospital During Years 1397-1399

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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 1397 until January 1399. Different factors were recorded in patients with presenting CVT.

Results: among 87 patients who developed CVT, 77 (84%) experienced at least one seizure. The results showed significant relationship between supratentorial lesions and presenting seizure. (P-value: .0, OR: 7.41, CI: 1.04-49.59)

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

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