



# Evaluation of the Cerebrovascular Diseases during Pregnancy and Postpartum

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Article Info	ABSTRACT
<p><b>Article type:</b> Original</p> <p><b>Article History:</b> Received: 20 January 2020 Revised: 04 March 2020 Accepted: 14 May 2020article</p> <p><b>Keywords:</b> Cerebrovascular trauma Postpartum period Pregnancy</p>	<p><b>Background and Aim:</b> Pregnancy and postpartum are critical periods for patients with neurological complications. In this study, we aimed to evaluate the clinical characteristics and outcome of pregnant women with cerebrovascular disorders.</p> <p><b>Materials and Methods:</b> This cross-sectional study reviewed pregnant women with cerebrovascular signs and symptoms, who were registered in the Medical Care Monitoring Center (MCMC) database of Shiraz University of Medical Sciences 2013-15. A questionnaire was designed to record each patient's information including demographic variables, past medical history, clinical presentation, obstetric profile, and fetal/maternal outcomes.</p> <p><b>Results:</b> Totally 29 mother with cerebral venous sinus thrombosis (CVST), 3 mother with ischemic stroke and 8 mother with cerebral hemorrhage were registered in the database. 50% of Unilateral neurological symptoms were initiated in the third postpartum period. Gestational hypertensive disorders and diabetes were observed in 15% and 7.5% of the patients. About 73% of neonates were born healthy at term. Twenty-one percent of neonates were born by NVD and 79% via C/S. Abortion, preterm delivery, and stillbirth occurred in 2.5%, 5%, and 7.5% of our patients, respectively.</p> <p><b>Conclusion:</b> Unilateral neurological symptoms were more common in the third trimester and postpartum period. Consequently, observation and follow-up of mothers during postpartum, period has important role in reducing the risk of cerebrovascular diseases.</p>