

Cerebral Venous Sinus Thrombosis in Early Pregnancy : A Case Report

Salma Akhter^{1*}

¹Department of Obstetrics and Gynecology
Chattogram Maa-O-Shishu Hospital Medical College
Chattogram, Bangladesh.

Abstract

Cerebral Venous Sinus Thrombosis (CVST) in pregnancy is an uncommon condition and affects about 5 women per million. Actual etiology is difficult to confirm, a hypercoagulable state along with protein Sand C deficiency, hyperhomocystinaemia are the contributing factors. MRV like neuro imaging is the main stay of diagnosis. Treatment with Low molecular weight heparin throughout the pregnancy and post partum period can save the life of both mother and child.

Key words : Sinus Thrombosis; Haemorrhagic stroke; Pregnancy.

INTRODUCTION

Cerebral Venous Sinus Thrombosis (CVST) in pregnancy is an uncommon condition but has a propensity to cause substantial damage including fatal outcome, such as, haemorrhagic stroke^{1,2}. It affects about five women per million³. Although the actual cause is not always known, there are many predisposing factors that may contribute to the development of Cerebral Venous Sinus Thrombosis (CVST). These include systemic hyper homocystinaemia, iron deficiency, folic acid deficiency, protein C and S deficiency⁴. Pregnant women are at greater risk due to their hyper coagulable state. The common presentations of cerebral venous sinus thrombosis are severe headache, seizure, visual disturbance, increase intra cranial pressure and focal neurological deficit. CVST in pregnancy demands a prompt and effective management strategy for maternal and foetal wellbeing⁵.

CASE REPORT

A 32 years old woman, para 2+0, P/H/O 2 LSCS, came at her 7 weeks of pregnancy with early symptoms and signs of pregnancy. Her physical examination was normal and she was treated with anti emetic drugs and folic acid supplement. After 2 weeks

*Correspondence to:

Dr. Salma Akhter
Assistant Professor
Department of Obstetrics and Gynecology
Chattogram Maa-O-Shishu Hospital Medical College
Chattogram, Bangladesh.
Mobile : +88 01819 37 72 44
Email : salmashimu36@gmail.com

Date of Submission : 01.12.2018
Date of Acceptance : 15.01.2019

www.banglajol.info/index.php/CMOSHMCJ

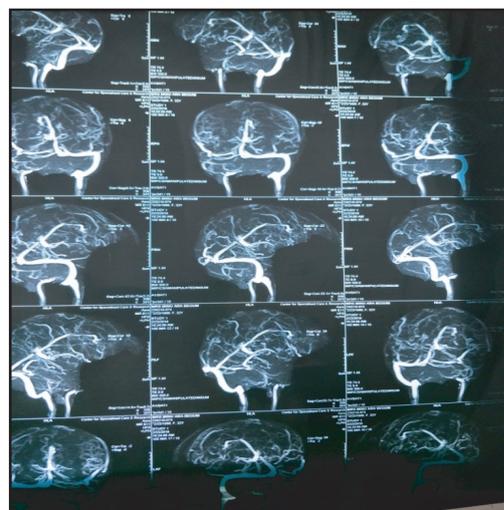


Figure 1 : Complete thrombosis of superior sagittal sinus

