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A case study on acute intermittent porphyria in pregnancy

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The porphyrias are a group of rare metabolic disorders; each arising from a predominantly hereditary catalytic dysfunction of one of the eight enzymes in the porphyrin-haem biosynthetic pathway. Acute intermittent porphyria is the commonest type of porphyria worldwide. It is also called as pyrroloporphyria. The disease is more common in women than men. It is therefore important for the obstetricians to know about this entity as many women present with abdominal pain during pregnancy. This case shows that if acute intermittent porphyria is properly treated in a mother there is normal maternal and foetal outcome. A case of acute intermittent porphyria known before pregnancy has been reported in a patient who had three spontaneous abortions in the past, she was delivered by elective caesarean section. The pathogenesis of the disease, its symptoms, diagnosis, and therapeutic approach both during and out of pregnancy has been also discussed.

Biography

Hemalatha Reddy V received her degree in Bachelor of Pharmacy from Jawaharlal Nehru Technological University Anantapur (JNTUA) in the year of 2012. Currently she is pursuing Doctor of Pharmacy (PharmD) post baccalaureate degree in Raghavendra Institute of Pharmaceutical Education and Research (RIPER), Anantapuramu, Andhra Pradesh. She is member and an active student volunteer in organizing committee of ISPOR - India Andhra Pradesh chapter. To her credit she has presented nearly 03 papers in both national and international conferences. Achievement of best poster in PSG College of pharmacy 2013 organized by Directorate of Science and Technology (DST).

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