

عنوان مقاله:

Investigate the Hemorheological changes and lipid profiles in women with pre-eclampsia

محل انتشار:

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خلاصه مقاله:

Pre-eclampsia is a syndrome which is characterized by the increase in blood pressure above 130/90, oedema and proteinuria, and is one of the leading causes of maternal death and of complications in pregnancy that can occur in the second half of pregnancy. Approximately 20 % of pregnant women in developing countries and 6 % of pregnant women worldwide are affected, and it is the second leading cause of maternal death in developing countries, including Iran . The objective of this study was to determine the differences of hemorheological parameters in association to haematological tests in patients with preeclampsia (blood pressure (diastolic) > 90 mm Hg, blood pressure (systolic) > 130 mm Hg and proteinuria > 2 g/23 h). This case-control study was conducted on healthy pregnant women visiting Taleghani and Al Zahra hospitals in Tabriz, Iran, as well as on women with pre-eclampsia admitted to these two hospitals. Fifty-eight samples were selected as controls and 6+ subjects were selected as cases. The blood samples were prepared with their consents. Parameter measured included MCH- MCHC- MCV- Htc – Hbg in blood. lipid profiles such as cholesterol and TG - HDL- LDL. In comparison between patients with preeclampsia and normal pregnant women we found statistically elevated values of MCH and MCHC and TG . Non-significant changes were observed in values of MCV, Htc - Hbg- HDL and LDL. Our results suggest that hemorheological parameters and lipid profiles play an important role in preeclampsia

کلمات کلیدی:

pre-eclampsia, lipid profiles, hemorheological parameters

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