

DISORDERS OF CYTOKINES BALANCE AND ACTIVITY OF LIPID PEROXIDATION PROCESSES AT LATE GESTOSIS

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80 women in the third trimester of pregnancy (60 women with the late gestosis of intermediate severity level and 20 pregnant women with physiological course of pregnancy) have been examined. High concentrations of proinflammatory cytokines IL-1, IL-6 and IL-8, acute phase proteins lactoferrin, malondialdehyde and indicators of endothelial dysfunction — the intercellular adhesion molecule vascular endothelial 1, against decrease antioxidant potential have been revealed in women with preeclampsia. The correlation analysis revealed the presence of relationships between indicators reflecting the activity of lipid peroxidation, proinflammatory cytokines and intercellular adhesion molecules of vascular endothelium 1. Specified leads to the conclusion about the interrelation between the inflammation development and endothelial dysfunction in the pathogenesis of preeclampsia.

Key words: preeclampsia, cytokines, lipid peroxidation, antioxidants, adhesion molecules.

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