

This review article discusses current and controversial data related to questions about the prevalence, diagnosis, and treatment of hypertensive disorders of pregnancy (HDP). Current data on the definition, classification, and pathophysiology of HDP, including the pathophysiology of uterine and placental pre-eclampsia, are presented. The issues of stratification and risk prediction of pre-eclampsia development using modern laboratory and instrumental examination methods are discussed. Much attention is paid to modern, clinically based approaches to HDP, improvement of outcomes and prevention of maternal and fetal complications in HDP. Special attention is paid to the management of severe arterial hypertension (AH), pre-eclampsia, including pre-eclampsia with severe manifestations. Data on the pathophysiology of development, treatment of postpartum AH, including breastfeeding, are presented. The main approaches to the diagnosis and treatment of pre-existing secondary AH in pregnancy are also presented.