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Preeclampsia - What is to blame? The Placenta, Maternal Cardiovascular system
or both?

Dimuthu Vinayagam, Karin Leslie, Asma Khalil, Baskaran Thilaganathan

Abstract

Preeclampsia is a pregnancy-specific syndrome, complicating 2-8% of pregnancies. PE is a major cause of maternal mortality throughout the world with 60,000 maternal deaths attributed to hypertensive disorders of pregnancy. Pre eclampsia also results in fetal morbidity due to prematurity and fetal growth restriction. The precise aetiology of PE remains an enigma with multiple theories including a combination of

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These adaptations, which have been reported in both humans and rats, include ... have a deleterious impact on the maternal cardiovascular system in later life, contributor to maternal and perinatal morbidity, the mechanisms responsible for....

sFLT1 in preeclampsia: trophoblast defense against a decidual ...

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Nevertheless, in many preeclamptic pregnancies, maternal circulating levels ... Thus, the authors' study blames the victim, implicating the decidual cells of the mother ... of both decidual VEGFA overexpression and sFLT1 knockdown in placental ... thereby altering endocrine control of the maternal cardiovascular system (25)....

Vascular biology of preeclampsia. - ResearchGate

www.researchgate.net/publication/23668198_Vascular_biology_of_preeclampsia

Both the placenta and maternal vasculatures are major sources of reactive oxygen ... factors is possibly responsible for the individual pathologies of preeclampsia. ... Blood



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Mechanisms of Disease: pre-eclampsia - Nature

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Pre-eclampsia is a leading cause of maternal and fetal morbidity and mortality.