

LONG TERM EFFECTS OF GDM ON THE OFFSPRING – THE HIDDEN SECRETS

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Maternal GDM exposes the fetus to a hyperglycemic and hyperlipidemic environment during its development. According to "Barker hypothesis" intrauterine environment may cause diseases of the offspring later in life. In the presentation I will present the evidenced based data on Offspring of GDM mothers regarding their risk for overweight and obesity, diabetes mellitus, hypertension, hyperlipidemia, intellectual performance and other medical problems related to the metabolic syndrome. A possible link between epigenetic effects during GDM pregnancy and offspring metabolic syndrome will be presented.