



Hyperglycemia Diagnosed in Pregnancy: Diagnosis, Interventions, Outcomes and Knowledge Gaps

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Message from the Guest Editor

Hyperglycemia is among the most frequent yet serious complications of pregnancy. Although this disorder is commonly recognised as a major risk factor for fetomaternal adverse outcomes, such as excessive fetal growth, macrosomia, excessive maternal gestational weight gain, or hypertensive disorders of pregnancy, the magnitude of these interactions differs across the populations, and their mechanisms are yet to be fully elucidated.

New areas of clinical and research interest are emerging, such as specific approaches to target populations at high risk for developing hyperglycemia in pregnancy and to detect hyperglycemia in early pregnancy. We are also gathering more evidence on nonglycemic risk factors for complications. There is also an increasing amount of evidence on an association between hyperglycemia in pregnancy and a vicious circle of premature morbidity for non-communicable disorders in mothers and their offspring. This recent evidence raises further questions about whether effective treatment of hyperglycemia in pregnancy could be translated into long-term benefits for both generations.





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Message from the Editor-in-Chief

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