

Special Issue

Advancing Diabetes Care in Pregnancy: Recent Progress in Clinical Management and Research

Message from the Guest Editors

According to the International Diabetes Federation, an estimated 1.8% of live births worldwide occur in women with pregestational diabetes. Although not as common as gestational diabetes, pregestational diabetes poses even more severe risks to the mother and fetus.

Moreover, diabetes types 1 and 2 differ significantly in pathophysiology, associated comorbidities, and complications and thus present distinct management challenges. Among others, these include the impact of structured preconception care and interventions for weight loss and the assessment of associated complications on pregnancy outcomes, the best use of existing technologies for glucose control and insulin delivery, biomarkers and determinants of optimal fetal and placental development and growth, and predictors of impending complications. The scope of this Special Issue is to provide an overview of recent advances in the field of pregestational diabetes (type 1 and 2). We encourage all professionals involved in the care of pregnant women with pregestational diabetes to submit original articles or reviews to enrich this Special Issue.

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