

Special Issue

Diagnosis and Management of Contemporary Issues in Maternal-Fetal Medicine

Message from the Guest Editors

Maternal–fetal medicine is a specialized field focusing on managing high-risk pregnancies to ensure the health of both the mother and the fetus. Despite medical advancements, factors such as cardiovascular disease, hypertension, and hemorrhage contribute significantly to rising trends in maternal mortality rates. Moreover, prematurity remains a leading cause of neonatal morbidity and mortality. The exact causes are often multifactorial, involving genetic, environmental, and medical factors. Efforts to prevent preterm labor have shown mixed success rates, highlighting the need for more effective interventions. Rising obesity rates have led to an increase in gestational diabetes, preeclampsia, and other metabolic disorders, complicating pregnancies and increasing long-term health risks for both mothers and infants. Advancements in fetal medicine, such as in utero surgeries and genetic testing, raise ethical dilemmas regarding fetal rights, parental decision making, and resource allocation. To conclude, maternal–fetal medicine faces complex challenges that require a combination of medical innovation, policy reform, and equitable healthcare access.

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