34. UNDERSTANDING THE IMPACT OF COVID-19 ON PREGNANCY: A COMPREHENSIVE STUDY

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Introduction. The COVID-19 pandemic has raised concerns about its potential impact on pregnant individuals. This study aims to fill the existing knowledge gap by investigating how COVID-19 affects pregnancy. With the virus continuing to pose a global health threat, understanding its implications for expectant mothers is crucial.

Aim of study. Our study seeks to assess the risks and outcomes of COVID-19 in pregnant women. We aim to identify specific challenges, determine high-risk factors, and contribute to the growing body of knowledge guiding healthcare practices during the pandemic.

Methods and materials. We conducted a retrospective analysis of medical records from pregnant individuals with confirmed COVID-19 cases. The study included data from multiple healthcare facilities, covering diverse demographics. Statistical analyses, including logistic regression, were employed to assess the association between COVID-19 and pregnancy outcomes.

Results. Our findings indicate an increased risk of complications, including preterm birth and gestational diabetes, among pregnant individuals with COVID-19. The severity of maternal infection correlated with adverse neonatal outcomes. Additionally, our study highlights the importance of vaccination in mitigating these risks.

Conclusion. In conclusion, our study underscores the significance of understanding how COVID-19 impacts pregnancy. The increased risk of complications emphasizes the need for vigilant prenatal care and emphasizes the importance of vaccination for pregnant individuals. This research contributes valuable insights to the evolving understanding of managing pregnancy during the ongoing pandemic.