

Updates on Adverse Outcomes of Migraine in Pregnancy: A Systematic Review

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ABSTRACT

Background: The majority of women who experience migraines are reproductive-age women. Changes in female hormones, particularly estrogen levels, have an impact on it.

Objectives: This systematic review aims to study the recent updates regarding the adverse outcomes of migraine with pregnancy.

Methods: PubMed, SCOPUS, Web of Science, and Science Direct were systematically searched for relevant literature. Rayyan QRCI was employed throughout this comprehensive process.

Results & interpretation: Our results included nine studies with a total of 205674 women. There was a higher chance of negative pregnancy outcomes with migraine, according to all of the analyzed trials. Common negative outcomes of migraine include preeclampsia, stroke, and pregnancy-related hypertension. Preterm birth, low birth weight, and miscarriage were also included as negative pregnancy outcomes in women with migraine. Additionally, we found that women suffering from migraines experienced mixed depression and anxiety symptoms during pregnancy.

Keywords; Migraine; Headache; Pregnancy; Adverse outcomes; Systematic review.

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