

New study finds no risk of pregnancy loss from COVID-19 vaccination

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A new study published in *The New England Journal of Medicine* has found no correlation between COVID-19 vaccinations and risk of first-trimester miscarriages, providing further evidence of the safety of COVID-19 vaccination during pregnancy.

The study analyzed several national health registries in Norway to compare the proportion of vaccinated women who experienced a miscarriage during the first trimester and women who were still pregnant at the end of the first trimester.

"Our study found no evidence of an increased risk for early [pregnancy](#) loss after COVID-19 vaccination and adds to the findings from other reports supporting COVID-19 vaccination during pregnancy," write the study authors, which includes co-author Dr. Deshayne Fell, an Associate Professor in the School of Epidemiology and Public Health in the University of Ottawa's Faculty of Medicine and a Scientist at the Children's Hospital of Eastern Ontario (CHEO) Research Institute.

"The findings are reassuring for [women](#) who were vaccinated early in pregnancy and support the growing evidence that COVID-19 vaccination during pregnancy is safe."

Dr. Fell, currently leading an Ontario study on the effectiveness and safety of COVID-19 vaccines, and the international team behind the study found no relationship between the type of [vaccine](#) received and miscarriage. In Norway, the vaccines used included Pfizer, Moderna and AstraZeneca.

"It is important that [pregnant women](#) are vaccinated since they have a higher risk of hospitalizations and COVID-19-complications, and their infants are at higher risk of being born too early. Also, vaccination during pregnancy is likely to provide protection to the newborn infant against COVID-19 infection in the first months after birth," the study authors write.

More information: Maria C. Magnus et al, Covid-19 Vaccination during Pregnancy and First-Trimester Miscarriage, *The New England Journal of Medicine* (2021). DOI: 10.156/NEJMc2114466

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