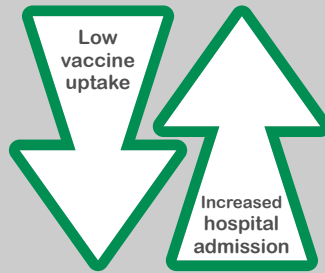


COVID-19 infection and COVID-19 vaccine in pregnancy: A Rapid Review of guidance, October 2021

Guidance Changed July 2021



Wales COVID-19 Evidence Centre
Canolfan Dystiolaeth COVID-19 Cymru

Ymchwil ymgenheddog ar Dystiolaeth Adolygiadau
SURE
Specialist Unit for Review Evidence



Ariennir gan Lywodraeth Cymru
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Ymchwil Iechyd a Gofal Cymru
Health and Care Research Wales



RCOG guidance identified as the most robust and relevant with Q & A for patients

Guidance from the Royal College of Obstetricians and Gynaecologists Coronavirus (COVID-19) Infection in Pregnancy, Version 14, was identified as the most robust and relevant from 23 resources searched and has "Questions and Answers" for patients.

Evidence:

Infection

Pregnant women at the same risk of contracting covid 19 as healthy adults

Slightly increased risk of becoming severely unwell with COVID-19, particularly in the third trimester, & more likely to have complications like preterm birth or stillbirth with COVID-19 infection

Risk factors for being severely unwell include:

- Ethnic minority background
- A BMI above 25 kg/m²
- Pre-pregnancy health problems
- Age of 35 years or older
- Living in high socioeconomic deprivation
- Working in healthcare or other public-facing occupations

Highest quality evidence lacking

Vaccine

OVER 200,000 WOMEN IN THE UK & USA HAVE BEEN VACCINATED IN PREGNANCY

No concerning safety signals

Excellent real-world evidence of efficacy

No evidence of fetal harm following vaccine

Vaccine at any time in pregnancy & breast feeding is recommended

There is a preference of Pfizer-Biontech or Moderna vaccines

No evidence of effects on fertility

Women Planning a pregnancy or fertility treatment can also receive vaccines

Policy Implications

Health professionals should recommend pregnant women receive COVID-19 vaccinations

Recommending vaccination is particularly relevant for women in an at risk group

The rapid evidence summary was produced in October 2021, and is available at:

http://www.primecentre.wales/resources/RES/RES00024_Wales_COVID-19_Evidence_Centre-Pregnant%2C_Post_Partum_Women_unborn_child.pdf