

# Pregnancy and COVID 19 Vaccination


The answer is yes.....



# We are all in:

- **ACOG encourages its members to enthusiastically recommend vaccination to their patients.** This means emphasizing the known safety of the vaccines and the increased risk of severe complications associated with COVID-19 infection, including death, during pregnancy,” said J. Martin Tucker, MD, FACOG, president of ACOG.

# Why the hesitancy?

- Systemic exclusion of pregnant patients from vaccination research has led to an implied concern of risk to mother and fetus
    - Pregnancy was a required exclusion from trials by the FDA until 1996 with little exception
  - Misunderstanding of how genetic material is utilized in new vaccinations and carriers
  - Lack of understanding of disease risk versus risk of vaccination
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# Ongoing monitoring systems

- VAERS
- V-Safe: >5000 participants Sept, 2021
- MOMI-Vax
- VSD
  - Weekly counts and rates of COVID-19 vaccination in pregnant people
  - Miscarriage and stillbirth that occurs among people who received COVID-19 vaccine during pregnancy
  - Adverse outcomes in pregnancy following COVID-19 vaccination, including:
    - Pregnancy complications
    - Birth outcomes
    - Infant outcomes for the first year of life (includes infant death, birth defects, and developmental disorders)

# Side Note

- Are there vaccinations not recommended in Pregnancy?
  - Yes
- What do they have in common?
  - Some live or live attenuated vaccines
  - There are exceptions (TDaP)
- Have there been data fetal developmental problems from vaccines?
  - Interesting question...