



## Vaccination during pregnancy

### **Priscilla Estephane da Costa Carvalho**

Medical

Institution: UNICEUMA

E-mail: pri1carvalho@hotmail.com

### **Francieli Monica Schuch**

Institution: Federal University of Santa Catarina UFSC

E-mail francieli.schuch@gmail.com

ORCID: <https://orcid.org/0000-0002-8936-8949>

### **Isabel Barroso Brandão Alcoforado**

Undergraduate student in Medicine

Institution: UFMA

E-mail: isabelsbbranda@gmail.com

### **Beatriz Valinhas Guimarães**

Undergraduate student in Medicine

E-mail: bia.vagu@hotmail.com

ORCID: <https://orcid.org/0009-0008-6158-4640>

### **Clara Simplicio Viana de Carvalho**

Institution: CEUMA University, Brazil

E-mail: cclarasimplicioo@hotmail.com

ORCID: <https://orcid.org/0000-0003-3330-4310>

### **Mikael Coutinho Silva**

Medicine, Ceuma

## **ABSTRACT**

Vaccination during pregnancy is an essential strategy to protect the health of the mother and fetus.

**Keywords:** Pregnancy, Mother's health.

## **1 INTRODUCTION**

Vaccination during pregnancy is an essential strategy to protect the health of the mother and fetus. This research aims to analyze the importance of vaccination during pregnancy, identifying the recommended vaccines, the benefits, and potential associated risks, in addition to highlighting their relevance to public health.

## **2 OBJECTIVES**

The objectives of this study are:



1. Discuss recommended vaccinations for pregnant women.
2. To analyze the benefits of vaccination in pregnancy, both for the mother and the fetus.
3. Explore any concerns and risks associated with vaccination during pregnancy.
4. To evaluate the impact of vaccination during pregnancy on the reduction of childhood diseases.

### **3 DISCUSSION**

Vaccination during pregnancy plays a crucial role in protecting both mother and baby from infectious diseases. Vaccines such as flu and tetanus are widely recommended during pregnancy to prevent infection-related complications such as pneumonia and neonatal tetanus. In addition, some vaccines, such as pertussis, also protect the newborn by transferring antibodies from the mother.

### **4 RESULTS**

Studies have shown that vaccination during pregnancy is safe and effective. The recommended vaccines not only protect the mother from infection but also confer temporary immunity to the baby during the first few months of life. Vaccination during pregnancy has been effective in reducing cases of infectious diseases in newborns, especially pertussis.

### **5 METHODOLOGY**

This research used a systematic review of scientific studies and epidemiological data related to vaccination during pregnancy. Information was collected on the efficacy of the vaccines, possible side effects, and impact on public health. In addition, guidelines from health organizations and immunization programs were analyzed.

### **6 CONCLUSION**

Vaccination in pregnancy is a highly beneficial public health strategy. It protects the mother from infection and offers passive immunity to the fetus and newborn, reducing the risk of serious illness. The safety of vaccines in pregnancy has been proven by numerous studies, emphasizing the importance of following medical guidelines and ensuring that pregnant women have access to recommended vaccines. This approach plays a key role in promoting maternal and child health.