

# *4th International Conference on Health, Crisis and Safety*



## **Challenges of HPV vaccination in Covid-19 epidemics**

**\*Masoumeh Pourmohsen<sup>1</sup>, Mandana Khoshnavesh<sup>2</sup>**

*1 Department of Midwifery, School of Nursing and Midwifery, Rasht Branch, Islamic Azad University, Rasht, Iran.*

*2 Student Research Committee, School of Medicine, Guilan University of Medical Sciences, Rasht, Iran*

*1- \*Masoumeh Pourmohsen (\*Corresponding author) Ph.D. Reproductive Health, Assistant Professor*

*Postal Address: Department of Midwifery, School of Nursing and Midwifery, Islamic Azad University, Rasht Branch, Rasht.*

*2- Mandana Khoshnavesh, Medical Student*

**Masoumeh Pourmohsen<sup>2\*</sup>**

*1 Department of Midwifery, School of Nursing and Midwifery, Rasht Branch, Islamic Azad University, Rasht, Iran.*

*\* Corresponding Author*

**Mandana Khoshnavesh<sup>2</sup>**

*2 Student Research Committee, School of Medicine, Guilan University of Medical Sciences, Rasht, Iran*

*Mandana Khoshnavesh, Medical Student,*

### **Abstract**

The HPV vaccine can reduce the risk of cervical cancer and improve the quality of life. HPV vaccination has been severely reduced by the COVID-19 epidemic. The present study aimed to review the effect of epidemics on reducing HPV vaccine intake. Barriers to vaccination were assessed in three groups: individual, structural, logistical, and social. Individual barriers included fear of Covid-19 exposure, lack of awareness, and anxiety. Structural and logistical barriers included the unavailability of services due to COVID-19, interruption of school vaccinations, lack of personal protective equipment, and delays in diagnosis and treatment. Social and economic barriers included transportation delays, travel restrictions, social distance, anti-vaccine campaigns, high vaccine costs, global vaccine supply shortages, recession, and extreme poverty. Conclusion: Considering that HPV vaccination is a strategy to prevent cervical cancer, and since Covid-19 has made it difficult to access the HPV vaccine, adopt health strategies and policies, including public education and information, vaccination Based on the school, it is essential to provide a single dose of the HPV vaccine until the problems with access to and delivery of the vaccine are resolved.