

IMMUNIZATION

Overview

Immunization represents the global health and also development in the health sector, which keep supporting millions of lives every year. As the immunization process have decreased the risk of getting viral infections and diseases that could create natural defence system against such viral spreads that even spread at the global level (World Health Organization, 2023). The immunization process has been need of the hour in view of the global pandemic, the COVID-19, which has pushed the globe to devise immunization even for the adults and it has become the routine need of the present century even the globe has hit the extensive advancements of the year. Even the vaccinations have supported the prevention of more than 20 life threatening diseases, which has assisted in having healthy and long life as the immunization presently prevents 3.5-5 million deaths every year for-example diphtheria, influenza and measles, tetanus and also pertussis (World Health Organization, 2023). It has represented that even in the age of modernization and advancement, there is still need of increasing the health standards, advanced with the present need of immunization and keeping the health system modernize and advanced according to the complexities of health concerns, changes in the symptoms of diseases, commonality of the autoimmune diseases and allergies and also in view of decrease in the morality rate.

NEED OF VACCINATION IN THE MODERN AGE

In the modern age, there is immense need to understand the need of immunization as it's the basic part of the primary health, which could not be denied as it's the pertinent need of the hour. Even in the comprehensive study, among the participant students even the organizational difficulties have been updated to 33.3% and it has even certified to the EVC through the healthcare

professionals to 55.9%, which has represented the low-quality standards of the health systems (Souza et al., 2023). It has represented that the health system is still in the need of the advancements, improving the health conditions of the masses and also devising the advanced and modern treatments for the life-threatening diseases and autoimmune diseases. As the vaccines are the supportive treatment for the prevention and control of the infectious diseases spread at the regional and also global level. As it creates the supportive step through the global health security, which a significant tool against the antimicrobial resistance. Even the covid-19 pandemic, which caused the global health risk and concerns that even it causes the linked disruption for the last two years that have drained the health systems, which includes 25 million children have been missed out in the year 2021 to have the immunization, even in 2019 it has been observed that 06 million children have been missed out and the highest numbers have been recorded since the 2009 (World Health Organization, 2023). It has represented that still man his behind the equal distribution of the health facilities and support facilities to decrease the fatality rate and spread of the viral, infectious and bacterial, air-borne diseases spread-out. It has been noted that till the end of 2021, all countries have been introduced to the covid-19 vaccination and even till initial phase of the 2022, one billion doses of the covid-19 have been delivered through the COVAX (World Health Organization, 2023). It has represented that beside the advancements of the modern era, man of modern age is still in need of the equality of the health facilities to decrease the morality rate, health risk complications, emergency unit deaths and longer-stays in the ICU and on Ventilators have pushed masses to still suffer and afford the high expenses of health care, treatments and the medicines. As it has been observed the various manufacturers have represented a non-significant level regarding the adverse effects of the Binational AEFI approach to the immunization of the Covid-19 (WORLD HEALTH ORGANIZATION, 2023). Its need of the hour to have efficiency-

based and satisfaction of the security concerns regarding the usage of various immunizations as various vaccinations have caused long-term damage to health like in-view of the covid-19 vaccination

CONCLUSION

Thus, the immunization system needs to be according to the advanced and modernized needs of the hour where health facilities should be equal for each individual and citizen of every state irrespective of the gender, race, nationality, class division and other societal differences as it's the basic right of every human being. The World Health Organization (WHO) and other regional and international organizations are badly needed to understand the risks of the immunization process according to the adverse effects to the health of the masses and have such immunization process that is safe to global health standards and in-accordance to the health risk concerns of the individual's health, complications in view of prevalence of the autoimmune and life-threatening diseases.

BIBLIOGRAPHY

Alberta Immunization Policy. (2023, March). *Immunization Goals and Objectives*. Alberta Immunization Policy. http://www.ahw.gov.ab.ca/IHDA_Retrieval/.

Centers for Disease Control and Prevention. (2021, September 1). *Immunization: The Basics*. Centers for Disease Control and Prevention. <https://www.cdc.gov/vaccines/vac-gen/imz-basics.htm>

Souza, S. de, Combes, C., & Schott, A. M. (2023). Mandatory immunizations for health students in Lyon (France), overview and evaluation. *PubMed*, 35(1), 21–26. <https://doi.org/10.3917/spub.231.0021>

WORLD HEALTH ORGANIZATION. (2023). Assessing the Self-reported After Events Following Immunization of COVID-19 Vaccines in Turkey and Bangladesh. *Environ Sci Pollut Res Int*, 30(16). <https://doi.org/covidwho-2235983>

World Health Organization. (2023). *Vaccines and immunization*. World Health Organization. https://www.who.int/health-topics/vaccines-and-immunization#tab=tab_1