

COVID-19 Vaccines

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ABSTRACT

Summary: COVID-19 episode was and is a devastating pandemic. The morbidity and mortality have skyrocketed at its peak. In the initial phase it was challenging to restrain the outcome of the disease and then in finding a suitable and effective control measure (a vaccine) to prevent further spread and occurrences. The production of the vaccine was fast tracked and a number of vaccines was the outcome of the global effort. Four major types of vaccines were made - whole virus vaccines, protein based vaccines, viral vector vaccines and nucleic acid vaccines. The outcome of these vaccines have been inconstant and at present emphasis in on the protection levels achieved due to the vaccines. Although there have been sporadic aftereffects of COVID vaccines, which is common outcome of vaccination, excessive limitations have been perceived as exceptions. On the whole there has been some amount of control of the viral infection, even if not for the expected long duration. As the protective levels are not as expected and due to the occurrence of many variants of SARS-CoV-2 and other reasons, multiple doses of the same or combination of the different vaccines is advocated at this present situation. In addition, antivaxxers have hindered or tried to hinder the vaccination process in many countries around the world. There are other aspects, such as non-availability of vaccines, non-compliance and others to be taken note in regards to COVID vaccines. Time will tell the factual outcome of the COVID vaccines. Get protected against COVID infection through COVID vaccines for whatever the outcome of the vaccination may be.