

ABSTRAK

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Judul : *Literatur Review* Variabel Penting
Terkait Vaksin Covid-19

Penelitian ini dilakukan untuk mengetahui variabel- variabel yang berperan dalam perkembangan Vaksin Covid-19 dan mengetahui jenis vaksin Covid-19 yang dikembangkan diseluruh dunia beserta mekanisme kerjanya. Metode pada penelitian ini menggunakan *literature review* sehingga data yang digunakan merupakan data sekunder. Data sekunder didapatkan dari literatur yaitu jurnal internasional yang telah dikumpulkan yang sesuai dengan inklusi, setelah itu didapatkan 50 jurnal internasional yang memenuhi inklusi. Kemudian 50 jurnal yang didapat, di tinjau dan dianalisis, metode analisis yang digunakan adalah metode analisis deskriptif. Setelah di analisis di dapatkan variable yang berperan dalam pengembangan vaksin didunia dan jenis vaksinya yaitu berupa *Spike S Protein, Animal Model, Human Trial For Covid-19, Safety Concerns*, Vaksin DNA, Vaksin mRNA, *Vaksin Inaktiv, Vaksin Subunit, Live Vector Vaccine*. protein S memainkan peran penting dalam siklus hidup virus maka sebagian besar kandidat vaksin Covid-19 menggunakan protein S sebagai antigen. Mikroorganisme yang telah dilemahkan atau terdeaktivasi masuk ke dalam tubuh dan akan menginisiasi respon imun dalam tubuh. Respon ini dapat meniru respon natural jika terjadi infeksi.

Kata Kunci :

Vaksin Covid-19, *Literatur Review*.

ABSTRACT

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Title : Literature Review Important Variables
Regarding the Covid-19 Vaccine

This study was conducted to determine the variables that play a role in the development of the Covid-19 vaccine and to determine the types of Covid-19 vaccines developed around the world and their mechanism of action. The method in this study uses a literature review so that the data used is secondary data. Secondary data was obtained from the literature, namely international journals that had been collected according to inclusion, after which 50 international journals were obtained that met inclusion. Then 50 journals obtained, reviewed and analyzed, the analytical method used is descriptive analysis method. After the analysis, the variables that play a role in the development of vaccines in the world and the types of vaccines are in the form of Spike S Protein ,Animal Model, Human Trial For Covid-19, Safety Concerns, DNA Vaccine, mRNA Vaccine, Vaccine Inaktiv, Subunit Vaccines, Live Vector Vaccines. S protein plays an important role in the viral life cycle, so most of the Covid-19 vaccine candidates use S protein as an antigen. Microorganisms that have been weakened or deactivated enter the body and initiate an immune response in the body. This response can mimic the natural response in case of infection.

Keywords :

Vaccine For Covid-19, Literature Review