

Description of side Effect of the Sinovac Vaccine on the Community in the Work Area of the Tamalanrea's Public Health Center of Makassar During the COVID-19 Pandemic in 2021

Nindita Rahmawati^{1,a,*}, Fatmah Afrianty Gobel^{2,a}, Sumiaty^{3,a}

^aUniversitas Muslim Indonesia

*ninditarahmawati26@gmail.com

Abstract. Indonesia has used 3 types of vaccines, one of which is the Sinovac vaccine. The Sinovac vaccine is a vaccine to prevent infection with the SARS-CoV-2 virus or COVID-19. Vaccination dose 1 in South Sulawesi Province. In December 2021, it has reached 51.63%. This figure is equivalent to 3.64 million vaccine participants. Meanwhile, the 2nd dose of vaccination until yesterday has reached 33.57% of the target. Based on this, the purpose of the study is to obtain information about the side effects of the sinovac vaccine in the community at the Tamalanrea Health Center, Makassar City. The method used is based on primary data obtained when conducting research in interviews with tamalanrea residents. The type of research used is descriptive research with a quantitative approach. Sampling was carried out by purposive sampling, namely 107 people with criteria, namely: Recorded as a participant in participating in vaccination at the Tamalanrea Health Center (Tamalanrea residents), have vaccinated, have a vaccination certificate, and are willing to be respondents in this study. Data analysis uses univariate analysis by using ms Excel and SPSS programs. In this study, it was found that the side effects experienced by respondents only experienced mild and moderate symptoms and no severe side effects were found such as anaphylactic shock. In this study, the most common side effects were found at dose 2. The results of this study showed that respondents experienced the symptoms of side effects suffered by the most respondents, namely: shoulder-to-shoulder pain at the injection site (85%), pain in the muscles (62.6%), drowsiness (68.2%), and changes in appetite (43.9%), fatigue (45.8%), and not feeling well (42.1%). Like all vaccines in general, a COVID-19 vaccine can cause side effects, most of which are mild or moderate and disappear on their own within a few days.

Keyword: knowledge, the side effects of the sinovac vaccine, the tamalanrea medical lab.