

## HUBUNGAN PELAKSANAAN VAKSINASI COVID-19 TERHADAP ANGKA KEJADIAN INFEKSI COVID DI PUSKESMAS MAJENANG II CILACAP JAWA TENGAH

### INTISARI

**Latar Belakang:** Covid-19 termasuk penyakit infeksi yang sangat menular (infeksius). Upaya yang dilakukan pemerintah untuk mengurangi transmisi penularan sekaligus menurunkan angka kesakitan dan kematian akibat Covid-19 adalah dengan melakukan vaksinasi Covid-19. Vaksin dapat meningkatkan kekebalan seseorang, sehingga apabila terinfeksi tidak akan sakit atau hanya mengalami sakit ringan. Hasil studi awal di Puskesmas Majenang II didapatkan data bulan Juni – Agustus 2021, terdapat 262 kasus positif Covid-19 dengan 72 kasus kematian.

**Tujuan Penelitian:** Mengetahui hubungan pelaksanaan vaksinasi Covid-19 terhadap angka kejadian infeksi Covid di Puskesmas Majenang II Cilacap Jawa Tengah.

**Metode Penelitian:** Penelitian ini menggunakan desain *survey* analitik. Populasi penelitian ini adalah pasien terkonfirmasi positif Covid-19 yang mendapatkan perawatan di Puskesmas Majenang II Cilacap Jawa Tengah periode Juni sampai Agustus 2021. Teknik sampling yang digunakan *purposive sampling* dengan jumlah sampel 262. Jenis data yang digunakan adalah data sekunder dengan pengambilan data menggunakan metode dokumentasi dengan alat bantu master tabel. Analisis data menggunakan analisis analisis *Spearman Rank*.

**Hasil:** Pelaksanaan vaksinasi Covid-19 di Puskesmas Majenang II pada Bulan Juni sampai Agustus 2021 sebagian besar dosis II (lengkap) sebesar 72,9%. Kejadian infeksi Covid-19 di Puskesmas Majenang II pada Bulan Juni sampai Agustus 2021 adalah sebanyak 262 kasus dengan rincian sebanyak 20 orang (7,6%) tidak ada gejala, sebanyak 99 orang (37,8%) gejala ringan, paling banyak adalah yang mengalami gejala sedang yaitu sebanyak 117 orang (44,7%), sebanyak 18 orang (6,9%) mengalami gejala berat dan 8 orang (3,1%) kritis. Ada hubungan pelaksanaan vaksinasi Covid-19 terhadap angka kejadian infeksi Covid-19 di Puskesmas Majenang II Cilacap Jawa Tengah pada Bulan Juni sampai Agustus 2021 ( $p=0,000$ ).

**Kesimpulan:** Ada hubungan pelaksanaan vaksinasi Covid-19 terhadap angka kejadian infeksi Covid-19 di Puskesmas Majenang II Cilacap Jawa Tengah.

**Kata Kunci :** Pelaksanaan vaksinasi, kejadian infeksi, Covid-19, Puskemas Majenang II Cilacap

## **THE RELATIONSHIP BETWEEN THE IMPLEMENTATION OF THE COVID-19 VACCINATION AND THE INCIDENCE OF COVID INFECTION AT THE MAJENANG II HEALTH CENTER CILACAP CENTRAL JAVA**

### **ABSTRACT**

**Background:** Covid-19 is a highly contagious (infectious) infectious disease. Efforts made by the government to reduce the transmission of contagion as well as reduce morbidity and mortality due to Covid-19 are by carrying out the Covid-19 vaccination. Vaccines can increase a person's immunity, so that if they are infected they will not get sick or only experience mild illness. The results of an initial study at the Majenang II Health Center obtained data from June to August 2021, there were 262 positive cases of Covid-19 with 72 deaths.

**Research purposes:** Knowing the relationship between the implementation of the Covid-19 vaccination and the incidence of Covid infection at the Majenang II Cilacap Health Center, Central Java.

**Research methods:** This study uses an analytic survey design. The populations of this study were patients who were confirmed positive for Covid-19 who received treatment at the Majenang II Cilacap Health Center, Central Java, from June to August 2021. The sampling technique used was purposive sampling with a total sample of 262. The type of data used is secondary data with data collection using the documentation method with the help of the master table. Data analysis used Spearman Rank analysis.

**Result:** The implementation of the Covid-19 vaccination at the Majenang II Health Center from June to August 2021 mostly doses II (complete) of 72.9%. The incidence of Covid-19 infection at the Majenang II Health Center from June to August 2021 was 262 cases with details of 20 people (7.6%) had no symptoms, 99 people (37.8%) had mild symptoms, the most were experienced moderate symptoms, namely as many as 117 people (44.7%), as many as 18 people (6.9%) experienced severe symptoms and 8 people (3.1%) were critical. There is a relationship between the implementation of the Covid-19 vaccination and the incidence of Covid-19 infection at the Majenang II Cilacap Health Center, Central Java, from June to August 2021 ( $p=0.000$ ).

**Conclusion:** There is a relationship between the implementation of the Covid-19 vaccination and the incidence of Covid-19 infection at the Majenang II Cilacap Health Center, Central Java.

**Keyword:** The implementation of the Covid-19 vaccination, incidence of Covid infection, Majenang II Health Center Cilacap