

**HUBUNGAN PENGETAHUAN DENGAN KEPATUHAN  
MELAKSANAKAN PROTOKOL KESEHATAN  
DALAM RANGKA PENCEGAHAN COVID-19  
PADA ANAK SMK NEGERI 1 WORU**

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**Abstrak**

**Latar Belakang :** Pengetahuan merupakan Segala sesuatu yang diketahui oleh seseorang tentang penyakit Covid dan pencegahannya. Di dalamnya ada : Pengertian Covid-19, Penyebab Covid-19 Tanda dan gejala, Faktor resiko dari Covid-19, Komplikasi Covid-19. Kepatuhan adalah perilaku yang dilakukan oleh pasien dalam mencegah Covid-19 melalui 5 M Mencuci tangan, Memakai masker, Menjaga jarak 1 meter anda, Menjauhi keramaian , Mengurangi mobilitas.

**Tujuan :** Untuk mengetahui hubungan pengetahuan dengan kepatuhan melaksanakan protokol kesehatan dalam rangka pencegahan Covid-19 pada anak Smk N 1 Wori,

**Metode :** Penelitian ini menggunakan desain penelitian kuantitatif dengan korelasional melalui pendekatan *cross sectional* dimana variabel independen (faktor resiko) dan variabel dependen (efek) dikumpulkan pada subjek yang sama di waktu yang bersamaan (Donsu, J, D, 2018). jumlah sampel yaitu 60 orang menggunakan rumus *total sampling* dimana jumlah sampel dan populasi sama yaitu jumlah polulasi 60 orang .waktu penelitian di lakukan pada tanggal 29 juni sampai 30 juni 2022.

**Hasil :** Melalui uji *Chi Square* pada tabel 2x2, semua cells mempunyai nilai *expected count* > 5, maka sudah memenuhi syarat uji chi square dengan nilai *continuity correction* 45,117 menunjukkan nilai  $X^2$  hitung yaitu 45,117 lebih besar dari  $X^2$  tabel yaitu 3,841 sehingga dapat di simpulkan terdapat hubungan yang signifikan antara pengetahuan dengan kepatuhan melaksanakan protokol kesehatan . dan memperoleh nilai  $p = 0,000$  yang artinya nilai tersebut lebih kecil dari nilai signifikan  $\alpha \leq 0,05$ .

**Kesimpulan :** Maka  $H_a$  diterima yaitu terdapat hubungan yang signifikan antara pengetahuan dengan kepatuhan protokol kesehatan dalam rangka pencegahan Covid 19 pada anak SMK N 1 Wori di kecamatan woru. Dan  $H_0$  di tolak , sehingga dapat di simpulkan terdapat hubungan antara pengetahuan dengan kepatuhan protokol kesehatan.

**Kata Kunci :** pengetahuan , Covid-19 , protokol kesehatan

## **ABSTRACT**

### **THE RELATIONSHIP OF KNOWLEDGE AND THE COMPLIANCE IN IMPLEMENTING HEALTH PROTOCOLS IN PREVENTING COVID-19 AMONG SMK NEGERI 1 WORU STUDENTS**

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#### **Abstract**

**Background:** Knowledge is everything a person knows about Covid disease and its prevention. It contains the definition of Covid-19, the causes of Covid-19, the signs and symptoms, the risk factors for Covid-19, the complications of Covid-19. Compliance is patients' behaviors in preventing Covid-19 through 5W: washing hands, wearing a mask, maintaining a distance of 1 meter, staying away from crowds, reducing mobility,

**Objective:** To determine the relationship between knowledge and the compliance in implementing health protocols in the context of preventing Covid-19 among SMK N 1 Wori students.

**Method:** This research used the quantitative research design with correlation through a cross sectional approach where the independent variable (risk factors) and the dependent variable (effects) were collected on the same subjects at the same time (Donsu, J, D, 2018). The number of samples was 60 people chosen using the total sampling formula where the number of samples and population were the same. The research was carried out from 29 June to 30 June 2022.

**Results:** Through the Chi Square test in the 2x2 table, all cells had an expected count value  $> 5$ , so they had fulfilled the requirements of the chi square test with a continuity correction value of 45.117 showing the calculated  $X^2$  value was 45.117, which is greater than the  $X^2$  table, 3.841. So, it can be concluded that there was a significant relationship between knowledge and compliance of health protocols which obtained a p value of 0.000, which means this value is smaller than the significant value  $\alpha \leq 0.05$ .

**Conclusion:**  $H_a$  was accepted, which means that there was a significant relationship between knowledge and compliance of health protocols in the context of preventing Covid-19 among SMK N 1 Wori students. And  $H_0$  was rejected, so it can be concluded that there was a relationship between knowledge and compliance with health protocols.

**Keywords:** knowledge, Covid-19, health protocol.

