



UNIVERSITAS ANDALAS

ANALISIS KEJADIAN KLASTER COVID-19 DI MAS KMI (*MADRASAH ALIYAH KULLIYYATUL MU'ALLIMAAT EL-ISLAMIYYAH*) DINIYAH PUTERI KOTA PADANG PANJANG TAHUN 2021

Oleh :

DILLI FORTUNA ARIANTI

No. BP. 1711211006



FAKULTAS KESEHATAN MASYARAKAT

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Dilli Fortuna Arianti, No. BP 1711211006

**ANALISIS KEJADIAN KLASTER COVID-19 DI MAS KMI (MADRASAH
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PUTERI KOTA PADANG PANJANG TAHUN 2021**

x + 74 halaman, 12 tabel, 7 gambar, 11 lampiran

ABSTRAK

Tujuan

Mengetahui faktor yang berhubungan dengan kejadian Covid-19 berdasarkan riwayat kontak erat dan tindakan pencegahan Covid-19 serta mengetahui gambaran jejaring kasus berdasarkan status kasus, asal daerah, dan angkatan kelas pada klaster MAS KMI Diniyyah Puteri Kota Padang Panjang.

Metode

Penelitian dengan desain *Case Control*. Sampel diambil dengan *Sampling Jenuh* pada kelompok kasus dan *Simple Random Sampling* pada kelompok kontrol. Total sampel 110 orang (30 orang kasus dan 60 orang kontrol) dan analisis jejaring (50 orang kasus). Data diambil melalui data sekunder dan kuesioner yang dianalisis menggunakan *Chi Square* dengan tingkat kepercayaan 95 %.

Hasil

Responden yang pernah memiliki riwayat kontak erat sebanyak 71,1% dan tindakan pencegahan tidak baik sebanyak 42,2 % . Terdapat hubungan antara kejadian Covid-19 dengan riwayat kontak erat ($p\text{-value} = 0,002$) dan tindakan pencegahan ($p\text{-value} = 0,029$). Analisis jejaring kasus menunjukkan bahwa kasus Covid-19 bergejala sebesar 8 % , asal daerah Provinsi Sumatera Barat 40 % , angkatan kelas X 34 % , kelas XI 26%, dan kelas XII 40%.

Kesimpulan

Riwayat kontak erat dan tindakan pencegahan Covid-19 merupakan faktor risiko. Kasus tanpa gejala lebih banyak, Provinsi Sumatera Barat menjadi daerah asal kasus terbanyak, dan angkatan kelas XII merupakan kasus terbanyak. Diharapkan sekolah mengkaji ulang kebijakan protokol kesehatan.

Daftar Pustaka : 59 (2009-2021)

Kata Kunci : Asrama, Covid-19, Klaster

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ANALYSIS OF THE COVID-19 CLUSTER AT MAS KMI (MADRASAH ALIYAH KULLIYYATUL MU'ALLIMAT EL- ISLAMIYYAH) DINIYYAH PUTERI PADANG PANJANG CITY , 2021

x + 74 pages , 12 tables, 7 pictures, 11 appendices

ABSTRACT

Objective

Knowing factors related to Covid-19's incidence based on history of contact and Covid-19 prevention measures and knowing description of case network based on case status, regional origin, and class force in MAS KMI Diniyyah Puteri Cluster Padang Panjang City.

Method

Research uses Case Control design . Samples were taken using Saturated Sampling in Case Group and Simple Random Sampling in the Control Group . Total sample was 110 people (30 cases and 60 controls) and network analysis (50 cases in total). Data were taken through secondary data and questionnaires were analyzed using Chi Square with a 95% confidence interval.

Results

Respondents who had a history of contact were 71,1% and 42.2% had poor preventive measures. There is a significant relationship between the incidence of Covid-19 with a history of contact (p-value =0.002) and Covid-19 prevention measures (p-value =0.029). Analysis of case network shows that 8 % of Covid-19 cases were symptomatic , 40 % from West Sumatra Province, class X 34%, class XI 26%, and class XII 40 %.

Conclusion

A history of contact and Covid-19 precautions are risk factors. There are more asymptomatic cases, West Sumatra Province is area of origin for most cases, and class XII is highest number of cases. It is hoped that school will review the health protocol policy.

References : 59 (2009-2021)

Keywords : Boarding School, Covid-19, Cluster