

ABSTRAK

Kimberly Natanya Gouw (01071200094)

HUBUNGAN IMUNISASI BCG TERHADAP KEJADIAN TB PARU PADA BALITA DI SILOAM HOSPITALS LIPPO VILLAGE GEDUNG B

(xv + 45 halaman: 4 gambar; 7 tabel; 3 lampiran)

Latar belakang: Berdasarkan data dari WHO 2020, Indonesia masuk dalam peringkat ke-2 sebagai negara dengan beban TB tinggi. Salah satu pencegahan yang dapat dilakukan, yaitu dengan imunisasi BCG. Di wilayah Banten maupun Tangerang sendiri masih sangat terbatas mengenai data cakupan imunisasi BCG. Berdasarkan penelitian yang dilakukan di RSUD Dr. Achmad Mochar Bukittinggi, RSUD Pariaman, dan RSUD Dr. Pirngadi Medan, juga terdapat perbedaan hasil penelitian mengenai hubungan antara imunisasi BCG dengan kejadian TB paru.

Tujuan Penelitian: Untuk mengetahui apakah terdapat hubungan antara imunisasi BCG dengan kejadian TB paru pada balita di Siloam Hospitals Lippo Village Gedung B.

Metode: Penelitian ini merupakan penelitian observasional analitik komparatif kategorik tidak berpasangan dengan cara studi potong lintar retrospektif (retrospective cross-sectional), yang dilakukan pada Januari 2023 sampai dengan Juni 2023 pada pasien balita di poli anak Siloam Hospitals Lippo Village Gedung B. Penelitian ini akan dilakukan dengan mengambil data dari rekam medis dengan jumlah sampel sebesar 113 balita. Hasil penelitian ini akan diolah menggunakan program *Statistical Package for the Social Sciences* (SPSS) yang uji statistiknya menggunakan metode *Fisher's Exact Test*.

Hasil: Penelitian ini menunjukkan bahwa terdapat hubungan yang signifikan antara imunisasi BCG dengan kejadian TB paru. Didapatkan nilai $p = 0,046$ menggunakan uji Fisher's Exact Test.

Kesimpulan: Terdapat hubungan antara imunisasi BCG dengan kejadian TB paru pada balita di Siloam Hospitals Lippo Village Gedung B.

Kata Kunci: Balita, imunisasi BCG, tuberkulosis paru

ABSTRACT

Kimberly Natanya Gouw (01071200094)

RELATIONSHIP BETWEEN BCG IMMUNIZATION TO PULMONARY TB INCIDENCE IN TODDLER AT SILOAM HOSPITALS LIPPO VILLAGE B

(xv + 45 pages: 4 images; 7 tables; 3 attachments)

Background: *Based on data from WHO 2020, Indonesia is ranked 2nd as a country with a high TB burden. One of the prevention that can be done, namely with BCG immunization. In the Banten and Tangerang regions, data on BCG immunization coverage are still very limited. Based on research conducted at RSUD Dr. Achmad Mochar Bukittinggi, Pariaman Hospital, and Dr. Pirngadi Medan, there are also differences in research results regarding the relationship between BCG immunization and the incidence of pulmonary TB.*

Purpose: *To find a relationship between BCG immunization and the incidence of pulmonary TB in toddler at Siloam Hospitals Lippo Village B.*

Methods: *This research is an unpaired categorical comparative analytic observational study with a retrospective cross-sectional design, which was conducted from January 2023 to June 2023 in toddler patients at the pediatric polyclinic at Siloam Hospitals Lippo Village B. This research will be conducted by taking data from medical records with total 113 toddlers. The results of this study will be processed using the Statistical Package for the Social Sciences (SPSS) program, which tests statistics using the Fisher's Exact Test.*

Results: *This study showed there is significant relationship between BCG immunization and incidence of pulmonary TB. The value of $p = 0.046$ was obtained using the Fisher's Exact Test.*

Conclusion: *There is significant relationship between BCG immunization and pulmonary TB incidence in toddler at Siloam Hospitals Lippo Village B.*

Keywords: *BCG immunization, pulmonary TB, toddler*