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**Hubungan Pelatihan Tenaga Ahli Teknologi Laboratorium Medis (ATLM)
dengan Kualitas Sediaan Bakteri Tahan Asam (BTA) di Puskesmas
Kabupaten Lampung Selatan**

xvi + 38 halaman, 4 tabel, 13 gambar, 9 lampiran

ABSTRAK

Tuberkulosis (TB) merupakan penyakit menular yang masih menjadi masalah kesehatan utama di Indonesia. Pemeriksaan mikroskopis Bakteri Tahan Asam (BTA) merupakan metode skrining utama dalam penegakan diagnosis TB. Kualitas sediaan BTA sangat dipengaruhi oleh kompetensi Tenaga Ahli Teknologi Laboratorium Medik (ATLM), termasuk pelatihan yang diterima. partisipasi pelatihan dan uji silang masih rendah di Kabupaten Lampung Selatan, yang berdampak pada mutu sediaan BTA. Tujuan dalam penelitian adalah untuk mengetahui hubungan antara pelatihan ATLM dengan kualitas sediaan BTA di Puskesmas Kabupaten Lampung Selatan. Jenis penelitian adalah *analitik observasional*, dengan desain *cross sectional*. Data dianalisis menggunakan uji *chi-square*. Populasi penelitian ini adalah seluruh Tenaga Ahli Teknologi Laboratorium Medik (ATLM) dan hasil kualitas sediaan BTA di kab. Lampung Selatan tahun 2022-2024 dengan jumlah sampel sebanyak 35 responden. Hasil penelitian menunjukkan bahwa variabel yang berhubungan dengan kualitas sediaan BTA di Puskesmas Kabupaten Lampung Selatan adalah pelatihan ($P\text{ value} = 0,001$; $PR = 2.200$), faktor yang tidak berhubungan dengan kejadian kualitas sediaan BTA adalah usia ($P\text{ Value} = 0.282$), jenis kelamin ($P\text{ Value} = 0.106$)

Kata Kunci : ATLM, BTA, kualitas sediaan, mikroskopis, Pelatihan, PME, puskesmas, Tuberkulosis

Daftar Pustaka : 16 (2013 – 2024)

**TANJUNGKARANG MINISTRY OF HEALTH POLYTECHNIC
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The Relationship between Training of Medical Laboratory Technologists (MLT) with the Quality of Acid Resistant Bacteria (ARB) Preparations at the South Lampung District Health Center

xvi + 38 pages, 4 tables, 13 picture, 9 attachments

Abstract

Tuberculosis (TB) is an infectious disease that remains a major health problem in Indonesia. Microscopic examination of acid-resistant bacteria (ARB) is the main screening method in confirming the diagnosis of TB. The quality of ARB preparations is strongly influenced by the competence of Medical Laboratory Technologists (MLT), including the training received. training and cross-examination participation is still low in South Lampung District, which has an impact on the quality of ARB preparations. The purpose of the study was to determine the relationship between MLT training and the quality of ARB preparations at the South Lampung District Health Center. The type of research was observational analytic, with a cross sectional design. Data were analyzed using the chi-square test. The population were all Medical Laboratory Technology Experts (MLT) and the results of the quality of MLT preparations in South Lampung District in 2022-2024 with a sample size of 35 respondents. The results showed that the variable associated with the quality of ARB preparations at the South Lampung District Health Center was training (P value = 0.001; PR = 2.200), factors that were not associated with the incidence of ARB preparation quality were age (P Value = 0.282), gender (P Value = 0.106).

Keywords : ARB, EQA, health center, microscopy, MLT, preparation quality, Training, Tuberculosis

References : 16 (2013 - 2024)