

ABSTRAK

Latar Belakang: Salmonella enterica, dan khususnya Salmonella typhi, adalah agen penyebab penyakit demam akut yang dikenal sebagai demam tifoid. Demam persisten, bakteremia, invasi bakteri, dan peningkatan fagosit mononuklear di hati, limpa, kelenjar getah bening, dan usus adalah tanda-tanda demam tifoid. Dilakukan pemeriksaan tes serologi Tubex untuk diagnosis demam tifoid.

Tujuan: Untuk mengetahui hubungan antara skala positif tubex dengan jumlah limfosit pada pasien usia produktif di RS Royal Prima Medan.

Metode: Penelitian ini merupakan penelitian deskriptif analitik case control. Dimana sampel yang didapat sebanyak 94 pasien. Aspek yang dinilai adalah skala tubex, jumlah limfosit, dan usia produktif. Tes Spearman rho digunakan untuk mengevaluasi semua data penelitian menggunakan SPSS 22.

Hasil: Hasil penelitian ditemukan sebanyak 43,2% pasien positif demam tifoid, dan 56,8% pasien normal.

Kesimpulan: Tidak terdapat hubungan skala positif tubex dengan jumlah limfosit pada pasien usia produktif demam tifoid di Rumah Sakit Royal Prima Medan

ABSTRACT

Background: Salmonella Enterica, and especially Salmonella Typhi, is an agent that causes acute fever known as typhoid fever. Persistent fever, bacteremia, bacterial invasion, and increased phagocytes mononuclear in the liver, spleen, lymph nodes, and intestines are signs of typhoid fever. A Tubex serological test was performed for the diagnosis of typhoid fever.

Objective: To determine the relationship between the positive scale of tubex and the number of lymphocytes in productive age patients at Royal Prima Medan Hospital.

Methods: This research is a descriptive analytics case of case control. Where the sample obtained was 94 patients. Aspects assessed are tubex scale, number of lymphocytes, and productive age. The spearman rho test was used to evaluate all research data using SPSS 22.

Results: The results were found as many as 43.2% of positive patients with typhoid fever, and 56.8% of patients were normal.

Conclusion: There is no relationship between the positive tubex scale and the number of lymphocytes in patients of productive age with typhoid fever at the Royal Prima Prima Hospital in Medan