
A Study of the lysozyme activity and peroxidase content of polymorphonuclear leukocytes in patients with active rheumatic fever

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The peroxidase content and lysozyme activity in the polymorphonuclear leukocytes in 20 patients suffering from active rheumatic fever were measured. They were taken as two parameters for the assessment of the intracellular killing capacity of these cells during the course of this disease. A decrease in the peroxidase content in polymorphonuclear leukocytes of cases of rheumatic fever was found (m: 306.05 + 23.97) in comparison to values obtained from controls (m: 343.7 + 14.78). This decrease is statistically significant (P