

SERUM GLUTAMIC OXALOACETIC TRANSAMINASE ACTIVITY IN HUMAN TRICHINELLOSIS

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The value of biochemical biopsy in clinical course of various diseases increases considerable. Most of investigators assert increased activity of transaminase in bloodserum accords to enzymes delivered from damaged tissues (La Due, Nydick, Wroblewski and others).

The activity of transaminase is known best in: infarctus miocardi, infarctus pulmonis, leucaemia, neoplasma maligna, diseases of liver tissue and other maladies.

The behaviour of GOT in course of trichinellosis at human beings was for us of considerable value. We tested bloodserum in 11 cases during the 1, 3, and 4 week of illness. The GOT activity we tested by the colorimetric method of Cabaud, Leeper and Wroblewski (A. J. Clin. Path., 1956, 26, 1101).

Our results are similar to these ones described in 1958 by Malik, Niewiarowski and Rachoń (Wiad. Parazyt, 1958 nr 5/6, 377-378). We noted increased activity of GOT in the 3rd week of illness. We noted the highest activity in the 6th week. We controled 5 cases in the 7th week of disease, among which in 3 cases there was a significant decline of GOT activity, in other cases there was an increasing tendency. Further experiments will inform us about the GOT — activity in bloodserum in cases of human trichinellosis in the 9th week of this malady.