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**CHANGES OF THE ACTIVITY OF CERTAIN ENZYMES IN HUMAN SERUM UNDER THE INFLUENCE OF ARGON LASER RADIATION**

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The authors conduct the investigations on the blanching of port wine stains (PWS) with the aid of argon laser radiation. In the examination of blood of the patients subjected to this treatment the activity of the following enzymes was determined :

E.L.2.6.1.1 L - asparaginian : 2-oksylglutaran aminotranspherase

E.L.2.6.1.2 L - alamina : 2 - oksylglutaran aminotranspherase and

E.L.2.7.3.2.ATP creatin phosphotransferase.

The activity of this enzymes was determined with the aid optical test utilising  $\text{NAD}^+$  and  $\text{NADH}_2$ .

The increase of the examined enzymes activity was observed in the blood serum of the patients immediatelly after the irradiations.

Further examinations could explain the reason of the observed phenomenon and its significance in laser therapy.