

EFFECT OF LASERPUNCTURE EXPOSURE ON BL-18 ACUPUNCTURE POINT'S TO THE LEVEL OF SGOT AND SGPT IN WHITE RAT (*Rattus norvegicus*) WERE INDUCED BY PARACETAMOL

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ABSTRACT

Laserpuncture is a therapy that involves the stimulation of defined points on the body with the use of laser for therapeutic and preventive purposes. Stimulation of acupuncture points will stimulate the activity of organ function. The study was aimed to determine the effect of laserpuncture exposure on BL-18 acupuncture point's to decrease SGOT and SGPT level in white rat (*Rattus norvegicus*) were induced by paracetamol. The total of 20 white rats were randomly divided into 4 groups. Group P0 (Healthy group), group P1 (Paracetamol 2 g/kgBW orally for 7 days), group P2 and P3 were given paracetamol 2 g/kgBW orally for 7 days and then treated laserpuncture 0,4 Joule and 0,5 Joule on BL-18 acupuncture point's dexter and sinister once a day for 10 days. On the 18th day of treatment, the blood samples were taken and measured for its SGOT and SGPT level. The result of Duncan test on SGOT and SGPT data showed that P2 and P3 groups were not significantly different to the group P0 ($P > 0,05$). However, it significantly different with the group P1 ($P < 0,05$). The data of SGOT and SGPT among groups P2 and P3 were not significantly. All these result suggest that laserpuncture exposure on BL-18 acupuncture point's have an effect to decreased level of SGOT and SGPT.

Key words : Laserpuncture, BL-18, SGOT, SGPT, Paracetamol