LASERPUNCTUR EFFECT ON GROWTH OF POINTS OVERVIEW
HISTOPATHOLOGY OF LIVER
DUCK HYBRID

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ABSTRACT

Laserpuncture technology has been widely implemented in livestock, especially for increasing the growth of ducks hybrid. Yet, the safety guide is still need to be improved. The purpose of this study is to know the impact of laserpuncture injection which observed from the depiction of hepatic histopathology of ducks hybrid. This study used eighteen juvenile ducks hybrid which is divided into two treatments groups; the injection with non-laserpuncture (P0) and the injection with laserpuncture (P1). The injection with (P1) laserpuncture is conducted with stimulating the dots of acupuncture using a laser to increase the growth, detailed in the dots of Hu Men (ST-4), Bei Ji (C-1), Gou Hu (BL-60) and Wei Gen (GV-2). The stimulation is conducted in 0.5 Hz frequencies with 20 mW output along with 0.2 Joule in a ten seconds. Soft laser, semiconductor is used in injecting periodically once within weeks. After scoring and analyzing the data using wallis kruskal test, the results is not very different from the hypothesis. Showed there were no fit but (P>0.5) between treatment groups. Thus, the injection with the laserpuncture in the dots of growth in ducks hybrid did not show the negative effects viewed from the depiction of hepatic histopathology of ducks hybrid.

Keywords: Laserpuncture, liver histopathology, ducks hybrid