

**EFFECT OF LASERPUNCTURE SHOOT ON REPRODUCTION POINT
OF MALE MOJOSARI DUCK (*Anas Platyrhynchos*) ON THE NUMBER
OF SPERMATOGONIUM CELLS AND SEMINIFEROUS
TUBULE DIAMETER**

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ABSTRACT

Objective from this research was to know the effect of laserpuncture on reproduction point of male Mojosari duck on the number of spermatogonium cells and seminiferous tubule diameter of the testes. This research using completely randomized design with eighteen male Mojosari ducks which divided into three group randomly. Group I (P0) without any treatment of laserpuncture, Group II (P1) with 0.2 J dose of laserpuncture, and Group III (P2) with 0.4 J dose of laserpuncture. Laserpuncture shooting was done on reproduction point with three days interval in one month. On the thirty first day, the duck was dissected so that the testes can be taken then made the histological slide of testes. The obtained data processed by ANOVA followed with Duncan. Research result showed that laserpuncture shoot on the reproduction point of five month old male Mojosari duck decrease the number of spermatogonium cells and seminiferous tubule diameter of the testes.

Keys word : Laserpunctur, Mojosari duck, spermatogonium, seminiferous tubule