

## ABSTRAK

### **Pengaruh Madu Terhadap Peningkatan Aktivitas Seksual Mencit Galur *Swiss-Webster* Jantan**

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Seiring perkembangan zaman, keluhan penurunan aktivitas seksual makin meningkat. Upaya pengobatan secara medis memiliki banyak efek samping, sebagai alternatif dipilihlah produk herbal, seperti madu. Penelitian bertujuan mengetahui pengaruh madu terhadap peningkatan aktivitas seksual mencit jantan. Penelitian ini merupakan eksperimental sungguhan, menggunakan Rancangan Acak Lengkap (RAL) bersifat komparatif. Hewan coba sebanyak 25 ekor mencit jantan dan 15 ekor mencit betina. Mencit jantan dibagi dalam 5 kelompok secara acak ( $n=5$ ), yang diberi : kelompok I: madu 1 (18 g/kgBB), kelompok II: madu 2 (24 g/kgBB), kelompok III: madu 3 (30 g/kgBB), kelompok kontrol: Na-CMC 1% dan kelompok pembanding: eugenol 620 mg/kgBB. Data yang diukur adalah jumlah pengenalan (*introducing*) dan penunggang (*mounting*). Analisis statistik dengan uji One Way ANOVA, dilanjutkan uji Tukey HSD dengan  $\alpha = 0,05$ . Hasil statistik *introducing* pada hari ke-3 madu 1, 2, dan 3, tidak menunjukkan perbedaan signifikan dibandingkan kelompok kontrol ( $p > 0,05$ ), hari ke-5 menunjukkan perbedaan signifikan ( $p = 0,024$ ) dan sangat signifikan ( $p=0,009$ ;  $0,009$ ), hari ke-7 menunjukkan perbedaan tidak signifikan ( $p > 0,05$ ) dan sangat signifikan ( $p = 0,000$ ;  $0,001$ ) dengan kelompok kontrol. Jumlah frekuensi *mounting* pada hari ke-3, 5, dan 7 tidak menunjukkan perbedaan yang signifikan dibandingkan kelompok kontrol ( $p > 0,05$ ). Kesimpulan dari penelitian ini adalah madu berpengaruh meningkatkan aktivitas seksual.

Kata kunci: aktivitas seksual, disfungsi ereksi, madu

## **ABSTRACT**

### ***THE EFFECT OF HONEY ON SEXUAL ACTIVITY OF MALE Strain Swiss-Webster mice***

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*In this modern era, men complaint of their low sexual activity has been increase. Medicine can overcome this problem but it seem that medicine has some side effect, so herbal product, such as honey, can be chosen as an alternative therapy. The objective of this research was to know the effect of honey on increasing the sexual activities of male Swiss-Webster mice. This research was based on the real experimental perspective method using Randomized Complete Design with comparative characteristic. Twenty five male mice and 15 female mice of Swiss-Webster strain were used. Twenty five male mice were divided randomly into five groups, group I were given 18 g/kgBW honey (honey I), group II were given 24 g/kgBW honey (honey II), group III were given 30 g/kgBW honey (honey III), control group were given Na-CMC 1%, and standart groups were given Eugenol 620 mg/kgBW. The parametres measure were the frequency of introducing and mounting. Data was analyzed using One Way ANOVA, follow with Tukey HSD test with  $\alpha = 0.05$ . The result of introducing frequency on day-3 for honey 1, 2, and 3, showed non significantly difference with control groups ( $p > 0,05$ ), on day-5 showed significantly differences ( $p = 0.024$ ) and very significantly difference with control groups ( $p = 0.024$ ;  $0.009$ ;  $0.009$ ), on day-7 showed non significantly difference ( $p > 0.05$ ) and a very significantly different with control groups 3 ( $p = 0.000$ ;  $0.001$ ). The result of mounting frequency on day-3, 5, 7 were not significantly different with control groups ( $p > 0,05$ ). The conclusion was honey may have effect on sexual activity.*

*Key word : sexual activity, erectile dysfunction, honey*

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