

ABSTRAK

Depresi merupakan bentuk gangguan suasana hati yang ditandai dengan adanya karakteristik suasana hati yang berlebihan dengan gangguan fisiologis, kognitif dan psikomotor. Obat yang digunakan sebagai antidepresi adalah Imipramin HCl.

Pada penelitian ini menggunakan hewan coba 40 ekor mencit jantan yang dibagi dalam 2 metode yaitu metode *Waterwheel* dan metode *Forced Swimming Test*. Masing-masing metode tersebut dibagi 2 kelompok yaitu kelompok kontrol dan kelompok uji. Kelompok kontrol diberikan aquadem sebanyak 0,3 ml/20 g BB dan kelompok uji diberi larutan Imipramin HCl dosis 20 mg/kg BB secara oral.

Berdasarkan hasil penelitian terdapat perbedaan bermakna antara persen efektivitas metode *Waterwheel* dan metode *Forced Swimming Test*. Berdasarkan hasil tersebut dapat diketahui bahwa metode *Waterwheel* mempunyai efektivitas lebih baik daripada metode *Forced Swimming Test*.



ABSTRACT

Depression represents mood trouble form marked with existence of abundant mood characteristic with physiological trouble, cognitive and psychomotor. Drug usually used as antidepressant is Imipramin HCl.

In this research use forty male mice as animals test, this divided into 2 methods that are method of Waterwheel and method of Forced Swimming Test. Each method divided by 2 groups that is control and test group. Control group given by aquadem with dose 0,3 ml / 20 g body weight and test group given by Imipramin HCl solution with dose 20 mg / body weight by oral.

According to result of research there are significant difference between percentage effectiveness of Waterwheel and Forced swimming method. According to the result known that waterwheel method have effectiveness better than Forced Swimming Test Method.

