




 **Current Issue**


 **Browse Issues**

 **Search**



 **About this Journal**

 **Instruction to Authors**

 **Online Submission**

 **Subscription**

 **Contact Us**



 **RSS Feed**

Acta Medica Iranica

2009;47(4) : 12-23

"LABORATORY EXPERIMENTS ON THE IRRITABILITY OF ANOPHELES ATROPARVUS AND ANOPHELES STEPHENSI TO DDT "

N. Eshghy, J.J. Laarman

Abstract:

Two strains of *Anopheles atroparvus*, one resistant and another susceptible to DDT and two of *Anopheles stephensi*, one resistant and one susceptible to DDT were tested for their irritability to DDT. Various laboratory investigations of the effects of insecticides on mosquito behavior and their irritability were carried out. In these series of experiments a comparison was made between the results obtained by a tentative method proposed in 1960 by the WHO, Expert Committee on Insecticides in which the mosquitoes are confined over the treated surface in a small plastic chamber and in a large cage. Under the large cage conditions DDT-resistant *A. stephensi* were more readily irritated by the insecticide than a susceptible strain of the same species

Keywords:

[Anopheles atroparvus](#) . [Irritability to DDT](#)

TUMS ID: 1765

Full Text HTML  Full Text PDF  705 kB

top ▲

[Home](#) - [About](#) - [Contact Us](#)

TUMS E. Journals 2004-2009
Central Library & Documents Center
Tehran University of Medical Sciences

Best view with Internet Explorer 6 or Later at 1024*768 Resolutions