

INSECT REPELLENT TEST REPORT

BIOCONCEPTS Ltd

"Mozzipatch"

December 1997



**LONDON SCHOOL  
OF HYGIENE &  
TROPICAL MEDICINE**

UNIVERSITY OF LONDON

## CONCLUSIONS

Our results show it is possible to achieve a good degree of protection against mosquitoes by using the Bioconcepts "Mozzipatch" applied directly to exposed flesh. Levels of protection were considered to be moderate compared to synthetic compounds such as Deet, but compared very favourably to other natural plant based products on the UK and European markets.

Although it was necessary to apply more than one patch in every case to achieve good levels of protection against biting insects, it was very encouraging that once enough were used the duration of protection that could be achieved was very long. If the "Mozzipatch's" were refreshed by further pressure every 30 minutes, it was possible to extend a good degree of protection for around 4 hours, considerably longer than any other citronella based product we know of, most of which last less than 3 hours.

Although this type of insect repellent product is unique on the market, and therefore rather difficult for us to compare to existing products, such as liquids, sprays, gels & lotions, we would consider the "Mozzipatch" to be a potentially useful personal protection product against biting insects due to its ease of use, handy design and, in particular, its relatively long effective duration.