

## C.445367: MAJOR DERMATOLOGY

KEY WORD: ZINC MONOGLYCEROLATE/ RECURRENT HERPES SIMPLEX / HEALING TIME /  
VIRAL SHEDDING TIME.

KUNTHON PITTAYATHIKHUN : HEALING TIME OF RECURRENT HERPES SIMPLEX IN  
NORMAL HOST, A COMPARISON STUDY BETWEEN TOPICAL ZINC MONOGLYCEROLATE  
AND PLACEBO. THESIS ADVISOR : ASSO. PROF. WIWAT KORKIJ, M.D. 66 pp.  
ISBN 974-582-776-2

We studied the effects of topical zinc monoglycerolate (ZMG) on healing time and viral shedding time of recurrent herpes simplex in normal host. The 28 normal immune status patients were recruited in this randomized double blind study. The patients were divided in to 2 groups. ZMG or placebo was applied on the lesions 4 times a day until the lesions became completely healed. The viral cultures were taken everyday until the lesions became dry crusted. The results show that topical ZMG significantly decreases crusting time and healing time when compared to placebo ( $T < T_{0.05}$ ) but does not reduce viral shedding time ( $T > T_{0.05}$ ). No different changes of pretreatment and posttreatment zinc level ( $T > T_{0.05}$ ) and serious side effects are observed. However drying and burning are notified in 39% and 8% of the patients.