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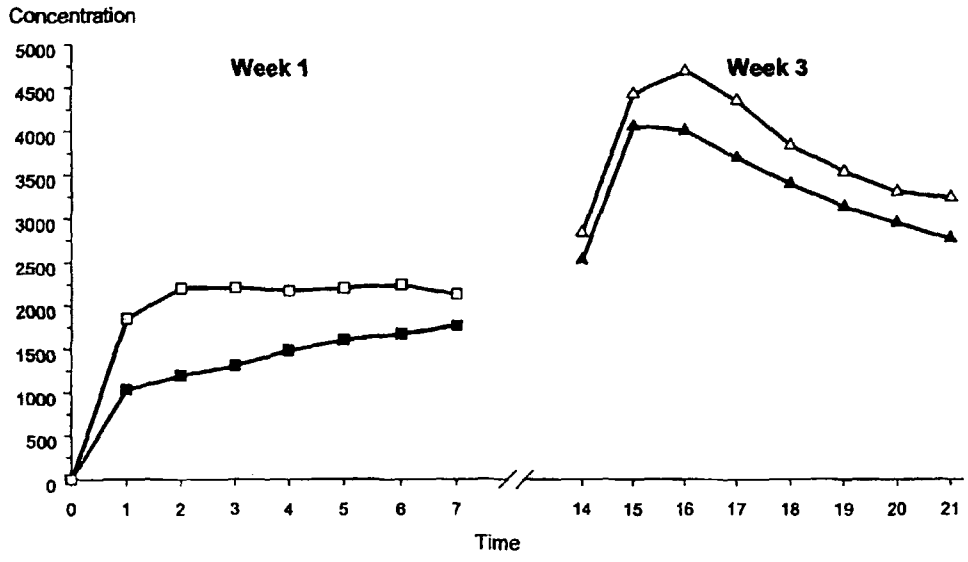
(54) Title: TRANSDERMAL DELIVERY SYSTEM OF HORMONES WITHOUT PENETRATION ENHANCERS



(57) Abstract: The present invention relates to a patch comprising a drug-containing layer with low content of hormones, such as gestodene, and optionally an estrogen (e.g. ethinyl estradiol). Upon administering the patch to a woman, plasma levels of at least 1.0 ng/ml of Gestodene is achieved at steady state conditions without the need of incorporating penetration enhancers or permeation enhancers in the drug-containing layer. Satisfactorily plasma levels of the hormones is also achieved throughout a period of at least 1 week, making the patch applicable for being used in female contraception with the concept of administering the patch ones weekly.

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