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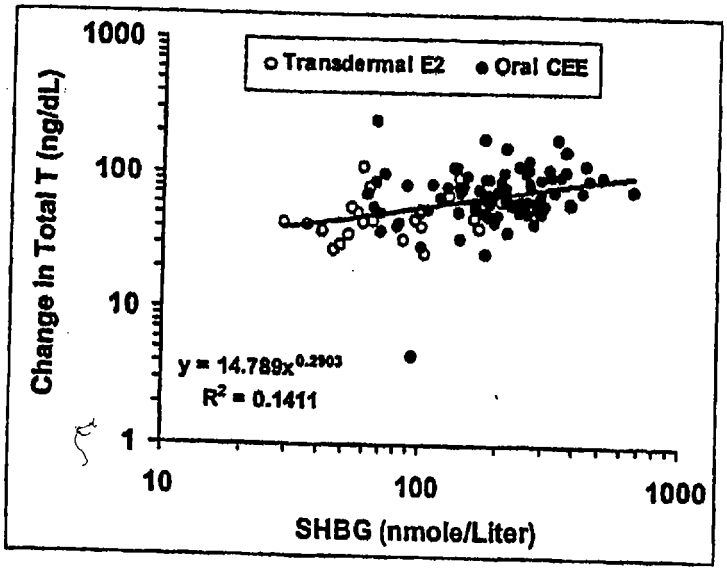
(54) Title: ADMINISTRATION OF NON-ORAL ANDROGENIC STEROIDS TO WOMEN



(57) Abstract: The present invention provides compositions, methods, and kits for improving health in a woman having elevated sex hormone binding globulin (SHBG) levels, or who is receiving oral estrogen supplementation, by non-orally administering an effective amount of an androgenic steroid. Further, the present invention provides compositions, methods and kits for coadministering an effective amount of an orally administered estrogen and an effective amount of a non-orally administered androgenic steroid for women in need of estrogen supplementation. Fig. 1 shows the change in total testoterone level versus baseline SHBG level during application of transdermal testoterone patch (300 mcg/day nominal delivery) to patients concomitantly receiving transdermal estradiol or oral conjugated equine estrogens. Fig. 2 shows the change in free testoterone level versus baseline SHBG level during application of transdermal testosterone patch (300 mcg/day nominal delivery) to patients concomitantly receiving transdermal estradiol or oral conjugated equine estrogens.

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