



P22. EXAMINE THE EFFECT OF SUPPLEMENTATION OF A NOVEL COMBINATION OF HIGH GENISTEIN SOYBEAN EXTRACT AND PYROGALLOL PLUS POLYPHENOLS FROM STANDARDIZED PUMPKIN SEED EXTRACT IN PERIMENOPAUSAL WOMEN WITH URINARY (UI) INCONTINENCE.

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Objective: To examine the effect of supplementation of a novel combination of high genistein soybean extract and pyrogallol plus polyphenols from standardized pumpkin seed extract in perimenopausal women with urinary (UI) incontinence.

Methods: The present study investigated the effects of a dietary supplement formula containing high genistein soybean extract and pumpkin seed extract (DROPSORDRY™) on 82 perimenopausal women diagnosed with urinary incontinence. Subjects received 2 tablets of DROPSORDRY™ per day for 4 weeks, followed by 1 tablet per day for an additional 4 weeks. Subjects recorded UI symptoms and quality of life before supplementation for 14 days and for 8 weeks during treatment. Paired difference test (Wilcoxon test) was used to determine if there was a significant improvement in UI symptoms before and after treatment.

Results: Compared to baseline data, statistically significant decreases were observed in mean urgency grade (24.7%; $P < 0.01$), nocturia (69.35%; $P < 0.05$) and the use of daily pantyliners (66.25%; $p < 0.01$). In addition, in the quality of life was improved in 92.3% of the subjects.

Conclusion: The results suggest that DROPSORDRY™ supplementation is a safe and an effective strategy for reducing urinary incontinence symptoms and quality of life in Western perimenopausal women. The results are in accordance with animal models where genistein therapy reduced morphological changes that contribute to UI, such as degenerative changes to the bladder

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