World Academy of Science, Engineering and Technology
International Journal of Medical and Health Sciences
Vol:18, No:05, 2024

The Interventional, Prospective, Real-World Post-Marketing Clinical Follow-Up Trial of a Polycarbophil Vaginal Moisturising Gel in Women Affected by Vaginal Dryness in Late Menopausal Transition and Postmenopause: A Triple Investigation

Authors : A. Cagnacci, D. F. Barattini, E. Casolati, M. Mangrella, E. Piccolo, S. Rosu, L. C. Pătrașcu

Abstract : This Triple study aimed to evaluate the efficacy of polycarbophil vaginal gel (PCV) in treating symptoms of vaginal atrophy (VA) in peri- and post-menopausal women. Women in peri- (n=29) and postmenopause (n=54) diagnosed with VA were progressively enrolled and treated once a day for 30 days. Thereafter, those wishing to continue (n=73) received the PCV treatment for an additional 180 days. The vaginal health index (VHI) and vaginal dryness, irritation, and pain at intercourse, along with treatment safety, were evaluated at baseline, 30 days of treatment, and after additional 180 days. At baseline, the VHI ($p<0.056$) and VAS of vaginal dryness ($p=0.0001$,) irritation ($p=0.002$), and pain at intercourse ($p=0.0001$) were worse in postmenopausal women than in perimenopausal women. VHI and VA symptoms improved in all women, and after 30 days of PCV administration, they were similar between peri-and postmenopausal women. After an additional 180 days of treatment, VHI further increased ($p=0.0001$), VAS of all symptoms ($P=0.0001$) and the Global Symptom Score ($P=0.0001$) further decreased. The treatment was safe. Treatment with PCV improves VA symptoms in both peri- and post-menopausal women. Prolongation of treatment up to 6 months increases the efficacy of treatment with no side effects.

Keywords : late menopausal transition, postmenopause, polycarbophil, sexuality, vaginal dryness
Conference Title : ICM 2024 : International Conference on Menopause
Conference Location : Berlin, Germany
Conference Dates : May 16-17, 2024