

# Intensive Age Refining Treatment®: 0.5% pure retinol night

This advanced retinol formulation uses the OmniSome delivery technology that works to provide actives deeper in the skin over a 10-hour period. Retinol with niacinamide, retinopeptide and stem cell extract work to reduce fine lines, wrinkles and laxity while reducing age-related skin yellowing, and work synergistically with calming and hydrating agents to visibly improve aging skin. The end result is smooth, full and even skin.

Application of retinol to human skin has been shown to induce epidermal thickening and cellular retinoid binding proteins characteristic of retinoic acid; this evidence supports the hypothesis that retinol acts as a prohormone of retinoic acid, but without significant levels of irritation.<sup>1</sup> The changes in skin treated with retinol are similar to those produced by retinoic acid, but without measurable irritation. These changes include stimulation of fibroblast growth, reduction of MMP levels, stimulation of collagen synthesis<sup>2</sup> and anti-melanogenic activity.<sup>3</sup>

## Clinical information

In a study completed with nine patients using the product with basic support products over a 12-week period, the investigating clinician reported 90% of patients showed positive changes in their skin with 80% of patients showing significant improvement in the visible signs of skin aging.

Before

After six weeks

Before

After twelve weeks



**Condition:**  
Fine lines, sagging and age-related yellowing

**Solution:**  
**Daily care:**

- Facial Wash
- Hydrating Serum
- Hydrator Plus Broad Spectrum SPF 30
- Intensive Age Refining Treatment®  
0.5% pure retinol night
- ReBalance

**Condition:**  
Diffuse redness and impaired barrier

**Solution:**  
**Daily care:**

- Creamy Cleanser
- Hydrating Serum
- Hydrator Plus Broad Spectrum SPF 30
- Intensive Age Refining Treatment®:  
0.5% pure retinol night
- Collagen Hydrator

## Conclusion

The study demonstrates that **Intensive Age Refining Treatment®: 0.5% pure retinol night** provides visible improvement in fine lines, wrinkles, laxity, and overall skin tone and texture. All patients showed positive improvement in their skin and experienced moderate dryness for no more than a two-week period. No other adverse events were noted.

<sup>[1]</sup> Kang S. et al, The Journal of Investigative Dermatology, 1995, 105(4), 549-556.

<sup>[2]</sup> Varani J. et al, The Journal of Investigative Dermatology, 2000, 114(3), 480-486.

<sup>[3]</sup> Sato K. et al, Bioscience, Biotechnology and Biochemistry, 2008, 72(10), 2589-2597.