

Retinol + Bakuchiol

Ingredient Research Highlights



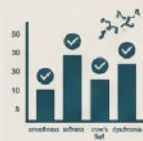
Retinol demonstrated significant improvement in visible signs of photoaging.

In a 12-week double-blind clinical study of 45 women with moderate photodamage, topical retinol serum significantly improved skin smoothness, radiance, firmness, and overall skin appearance beginning as early as week 4.



Clinical improvements were comparable to prescription tretinoin.

The study compared escalating doses of retinol serum (0.25–1%) with tretinoin cream. Investigator assessments showed no statistically significant difference in overall improvement between the two treatments after 12 weeks, demonstrating comparable efficacy.



Retinol significantly improved multiple clinical photoaging parameters.

Subjects using retinol experienced statistically significant improvements in visual smoothness ($P=0.003$), softness ($P=0.006$), crow's feet ($P=0.001$), dyschromia ($P=0.004$), and overall photodamage ($P=0.031$) during the study period.



Histological analysis demonstrated increased collagen production.

Skin biopsies showed new collagen formation and increased epidermal thickness after retinol treatment, supporting its role in dermal remodeling and wrinkle reduction.



Retinol combined with bakuchiol improved tolerability during retinization.

Bakuchiol, a plant-derived compound with retinol-like gene expression activity, helped support anti-inflammatory effects and reduced irritation while allowing retinol to deliver visible clinical improvements.

How This Translates to Our Formula

- Helps visibly improve fine lines, wrinkles, and uneven skin texture
- Supports collagen production and dermal remodeling associated with retinoid activity
- Helps improve skin tone, radiance, and firmness in photoaged skin
- Combines retinol with bakuchiol to support retinoid performance while improving tolerability
- Designed to deliver retinoid benefits with a smoother, more comfortable user experience



Source: Draelos ZD, Peterson RS.

A Double-Blind, Comparative Clinical Study of Newly Formulated Retinol Serums vs Tretinoin Cream in Escalating Doses: A Method for Rapid Retinization With Minimized Irritation. Journal of Drugs in Dermatology. 2020;19(6):625–631.doi:10.36849/JDD.2020.5085.