

CLINICAL DATA – MANDELIC ACID

This AHA is currently one of the most popular AHA's due to its unique but powerful combined properties. It is the intelligent AHA as it able to selectively target areas of concern whilst working in perfect synergy with the ethyl-ascorbic acid which has converted to L-ascorbic in the epidermis.

Results: Mandelic acid peel treatments Before and After



1. **Lipophilic:** This acid loves oil. It penetrates onto the pores quickly to remove trapped dead cells and debris and regulate excess sebum, minimise pore size and reduce oily T-Zone shine.
2. **Antibacterial:** It selectively targets bad bacteria making it an ideal acid for acne bacteria. It is a good alternative to antibiotics as will not stimulate antibiotic resistance.
3. **Anti-inflammatory:** This AHA is ideal for sensitive skin. It is twice the size of glycolic acid, so it penetrates slowly, in a controlled manner and more evenly thus reducing skin irritation. It works synergistically with L-ascorbic acid in the epidermis and dermis to help reduce inflammation at the source.
4. **Inhibits Tyrosinase:** Acts with L-ascorbic acid to reduce hyperpigmentation.
5. **Anti-ageing:**
 - a. It selectively increases sebum in the cheeks and chin of ageing skin where sebum levels are low, and skin is dry.
 - b. Acting as an exfoliant for improving surface texture, it also sends a feedback message to the fibroblasts in the dermis to produce more collagen and hyaluronic acid.

Ideal for:

- Solar damage
- Ageing skin
- Lipid dry skin
- Acne: excess sebum and acne bacteria
- Enlarged pores and excess T-zone oil
- Irritated and sensitive skin
- Hyperpigmentation
- Post inflammatory pigmented scarring
- Asian and darker skin tones