

What happens to the skin once SOT is applied?

PHASE 01

Spicule Implantation

Three million siliceous microneedles are transdermally delivered into the epidermis, penetrating the stratum basale. They remain for up to 72 hours, inducing controlled microtrauma that stimulates cytokine release and keratinocyte activity without damaging the dermis.

PHASE 02

Day 1

Basal Cell Activation

Mitosis of basal keratinocytes is triggered, prompting upward migration through epidermal layers. This accelerates the shedding of aged corneocytes and supports visible skin renewal, marking the onset of epidermal regeneration.

PHASE 03

Day 1-3

Collagen Reproduction

Spicule-induced microinjury activates fibroblasts to produce collagen, elastin precursors, and glycosaminoglycans. This granulation response enhances dermal density and vascularity, supporting neocollagenesis and angiogenesis for firmer, smoother, and revitalized skin.

PHASE 04

Day 3-5

Epidermal Repair

The epidermis undergoes re-epithelialization, forming new keratinocytes and intercellular lipids. Mild shedding may occur as a sign of renewal. This phase restores skin structure and strengthens barrier function.

PHASE 05

Day 5+

Metabolic Renewal

Continued fibroblast activity remodels collagen and elastin fibers, improving skin tone, texture, and resilience. This phase promotes long-term dermal regeneration and homeostasis, with cumulative enhancements over weeks to months.

The Future Of Dermal Rejuvenation



Natural Ingredients for Repair & Radiance

Powered by nature's finest siliceous biological needles derived from freshwater sponges, this treatment energizes and enhances skin rejuvenation, naturally.

Accelerated Skin renewal, backed by science:

This 15-minute treatment generates approximately 3 million micro-channels in the skin, enhancing transdermal nutrient delivery by up to 3000% and promoting measurable skin transformation within 7 days.



Tailored for All, Powered by Nature:

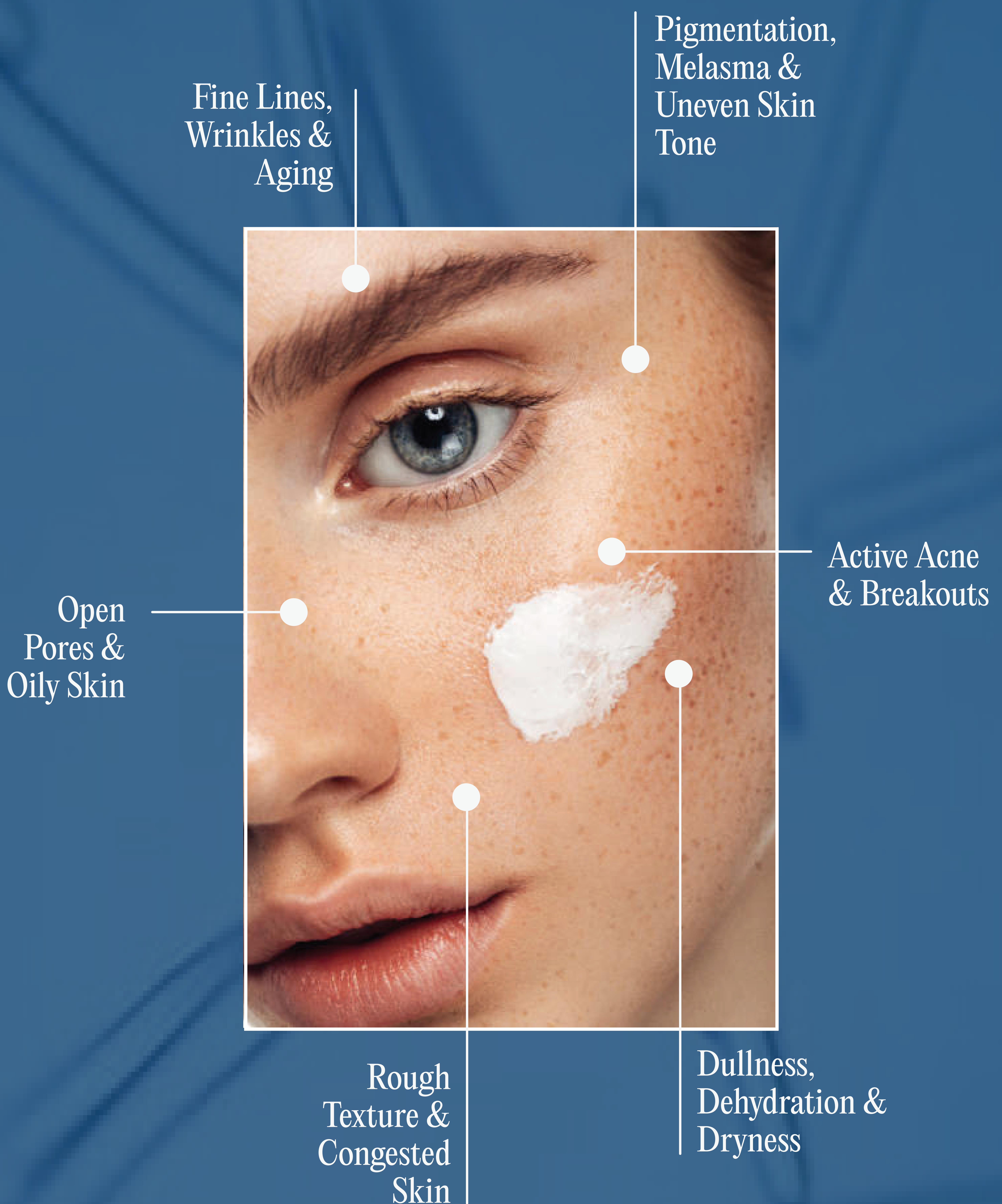
Designed to be both effective and gentle, this formulation avoids harsh chemicals & acids, compatible with all Fitzpatrick types while preserving the integrity of the skin barrier.



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Precision Skin renewal. Clinical Efficacy.

SQT Bio-microneedling is Redefining Skin Health - Clinically Proven, Visibly Transformative. Needle-Free. Non-Invasive. No Harsh Chemicals or Acids. No Devices.



- Boosts collagen and elastin production
- Accelerates skin cell turnover within 7 days
- Thickens epidermis by upto 8%
- Enhances Hydrolipid Barrier Function - reducing Transepidermal Water Loss
- Safe for all Fitzpatrick types, all ages, Pregnant & Breastfeeding

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Not all Spicules are created equal – Engineered for Efficacy, Clinically Superior

What set's SQT apart?

- Train with the Best — SQT's Premium Training, Certification & Ongoing Support, Empowers Clinics to Lead in Natural Skin Innovation
- Our evidence-based training provides in-depth knowledge of bio-needling science, safe application protocols & treatment mastery
- Engineered for precision, SQT Sets the Global Standard - Most Potent Bio-Needles Available.
- World-Leading Spicule Purity — Backed by Patented Extraction and Purification Technology
- SQT - The World's First and Clinically Proven Spicule-Based Skin Treatment



Pioneering Biological Spicule Technology — The Next-Gen, Non-Invasive Skin Rejuvenation Treatment - Globally Trusted



With over 10 years of R&D, Elevate your Clinic with the most Advanced Bio-Microneedling training & technology