



BIOCORNEUM®

THE PHYSICIAN'S CHOICE FOR ADVANCED SCAR TREATMENT

BIOCORNEUM is the **only advanced scar treatment with FDA-cleared Silishield™ technology plus the protection of SPF 30**. Learn why physicians prefer the patented silicone formulation in BIOCORNEUM for scar treatment over other therapies.



Before



After - 3 months



Before



After - 3 months



Before



After - 3 months

BIOCORNEUM's patented crosslinking silicone, Silishield, has been shown to be:

Effective

In preventing post-op scarring

- The self-drying silicone gel used in the study was shown to be effective in reducing the hypertrophy rate of fresh surgical scars, and this type of treatment was **rated as the first choice for preventing hypertrophy of recent scars**.¹
- Treatment with silicone gel after incision resulted in 67% of scars being rated normal (versus 28% with no treatment), and 26% mildly hypertrophic (versus 46% with no treatment). These results were statistically significant.¹

In treating existing scars

- Silicone gel was used to treat both newly formed scars (< 3 months) and older scars (at least 4 years), and was shown to be effective at relieving scar symptoms.²
- 70% to 85% of patients and physicians reported improvements in scar symptoms after treatment with silicone gel and **more than 80% had high satisfaction** in ease of use, cosmetic result, and overall satisfaction.²

Preferred over other therapies

Other silicone gels

- BIOCORNEUM is the **only** topical scar treatment with **FDA-cleared Silishield™ patented crosslinking medical grade silicone and SPF** to prevent and minimize the formation of new scars, decrease the appearance of old scars, protect scars from sun exposure's darkening effects, and dry quickly to adhere to skin for 12 to 24 hours.
- Silishield's patented technology keeps skin hydrated, minimizing collagen formation that contributes to abnormal scarring.

Topical steroids

- The repeated use of topical steroids is not desirable for extended periods and may cause more harm than benefit.⁴
- Side effects of repeated topical steroid use include epidermal barrier disturbance and increased transepidermal water loss, delayed wound healing, atrophy, telangiectasia, hypopigmentation, and acne.⁴

Silicone sheeting

- Silicone gel was better than silicone sheeting at decreasing scar height and erythema on day 90, and was more beneficial in areas such as inframammary surgical scars, the face, and areas of movement associated with joints.³
- **Patients favored silicone gel over silicone sheeting** because of its invisibility, and both physicians and patients rated it as easier to use.³

Other therapies (onion extract, vitamin E)

- **Neither onion extract nor vitamin E have been shown to be efficacious** in minimizing the severity of hypertrophic scars or promoting the resolution of existing scars.⁵
- **Vitamin E does not improve the appearance of scars** and is not well tolerated by patients.⁶

Safe

- BIOCORNEUM's patented self-drying silicone gel, Silishield, caused no side effects such as maceration, rashes, infections, or irritation.¹
- 98.7% of physicians and 98.2% of patients rated tolerability of the patented silicone formulation as “very good” or “good.”²

References

1. Signorini M, Clementoni MT. Clinical evaluation of a new self-drying silicone gel in the treatment of scars: a preliminary report. *Aesthetic Plast Surg.* 2007;31(2):183-187.
2. Sepehrmanesh M. Scar management: observational study of 1522 patients using the patented silicone gel technology in bioCorneum. *Komp Dermatologie.* 2006;1:1-30.
3. Chernoff WG, Cramer H, Su-Huang S. The efficacy of topical silicone gel elastomers in the treatment of hypertrophic scars, keloid scars, and post-laser exfoliation erythema. *Aesthetic Plast Surg.* 2007;31(15):495-500.
4. Hengge UR, Ruzicka R, Schwartz RA, Cork MJ. Adverse effects of topical glucocorticosteroids. *J Am Acad Dermatol.* 2006;54(1):1-15.
5. Zurada JM, Kriegel D, Davis IC. Topical treatments for hypertrophic scars. *J Am Acad Dermatol.* 2006;55(6):1024-1031.
6. Baumann LS, Spencer J. The effects of topical vitamin E on the cosmetic appearance of scars. *Dermatol Surg.* 1999;25(4):311-315.

IMPORTANT: BIOCORNEUM is for external use only. Avoid direct contact with eyes, mucous membranes, third degree burns, and open wounds. BIOCORNEUM should not be used on damaged or broken skin. This product has not been shown to help prevent skin cancer or early skin aging.

BIOCORNEUM® and Silishield™ are trademarks of Sientra, Inc.
May be covered by one or more of the following U.S. Patents: #5,741,509; #8,021,683; #8,802,133; #9,336,546; #9,795,706
© 2018 Sientra, Inc. All rights reserved.
sientra.com • 888.708.0808

sientra[®]
MDC-0265 R1

BIOCORNEUM. Twice a day. Every day.**

Recommended minimum treatment time:

new scars: **60 DAYS**

older scars: **90 DAYS**

Recommended sizing***:

LENGTH SIZE

2-3 INCH SCAR 10g

4-6 INCH SCAR 20g

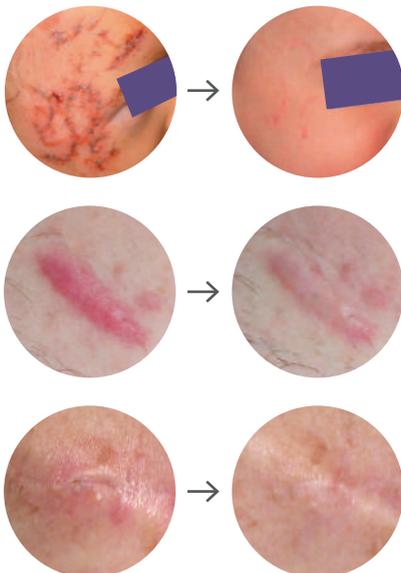
7-9 INCH SCAR 50g



RESULTS

Before

After - 3 months



Visit BIOCORNEUM.com
for more information

AVAILABLE EXCLUSIVELY FROM YOUR PHYSICIAN

CAUTION: BIOCORNEUM is for external use only. Avoid direct contact with eyes, mucous membranes, third degree burns, and open wounds. BIOCORNEUM should not be used on damaged or broken skin. If irritation occurs, discontinue use and consult your physician. Keep this product out of reach of children. This product has not been shown to help prevent skin cancer or early skin aging.

* Data on file

** For maximum effectiveness, use BIOCORNEUM consistently for the duration of treatment advised by your physician.

*** Length based on a linear scar with a coverage width of 0.5 inch, at two applications per day.

1. Mustoe TA. Evolution of silicone therapy and mechanism of action in scar management. *Aesth Plast Surg.* 2008;32:82-92.

Manufactured in the USA for

Sientra, Inc., Santa Barbara CA 93117

BIOCORNEUM®, Sientra® and Silishield™ are trademarks of Sientra Inc.

U.S. Patents: #5,741,509; #8,021,683; #8,263,114

© 2021 Sientra, Inc. All rights reserved.

sientra.com • 888.708.0808

MDC-0628 R1



BIOCORNEUM®
by sientra

SILISHIELD® PATENTED CROSSLINKED SILICONE + SPF 30



The Science of Scar Reduction

BIOCORNEUM by Sientra is the only advanced scar treatment with Silishield® patented crosslinked silicone plus the protection of SPF 30 — to support healing skin inside and out. **BIOCORNEUM** forms an invisible shield to create an optimal healing environment that can

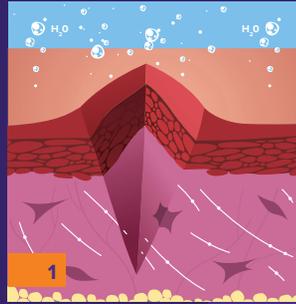
- prevent and minimize the formation of hypertrophic or keloid (red or raised) scars,
- decrease the appearance of old scars, and
- help to restore the function of affected skin.



BIOCORNEUM® sure worked wonders for me. Hardly can see my scars at all—they're invisible! Amazing.

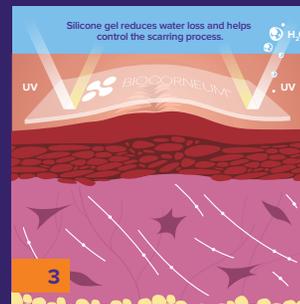
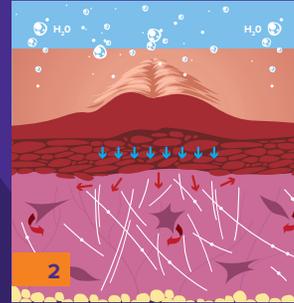
- Patricia M.

Scar Treatment Mechanism of Action¹



1. A surgical incision or injury creates a gap in the protective layers of the skin.

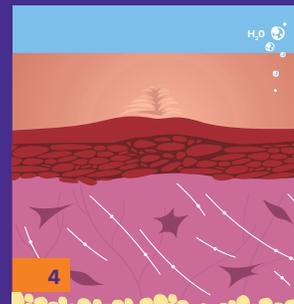
2. As the skin heals, it cannot hold moisture in as well. Extra moisture triggers (blue arrows) excessive collagen (red arrows). Without treatment, this action can lead to abnormal scarring.



3. Treatment with silicone gel reduces water loss that can increase scarring.

BIOCORNEUM is your invisible protective shield in the months while the scar heals. Its sunscreen agents protect the scar from sun exposure's darkening affects.

4. BIOCORNEUM can prevent and minimize the formation of new scars, decrease the appearance of old scars, and help to restore the function of healthy skin.



For maximum effectiveness, use **BIOCORNEUM** consistently for the duration of treatment advised by your physician.



BROAD SPECTRUM SPF 30

FDA-Cleared Silishield® Technology plus SPF 30 sunscreen



FAST DRYING

Silky-smooth clear gel is simple to apply and dries quickly.



LIGHTWEIGHT

Forms a breathable, flexible protective shield that moves like a second skin. Ideal for face, neck, chest, hands, and other areas exposed to the sun.



**WATER RESISTANT
(40 Minutes)**

Once dry, continues to work when makeup, lotion, or additional SPF protection is applied over it.