



START AT THE BEGINNING

For a proactive, post-procedure, wound care and scar management treatment.



Epicyn™

Advanced Scar Management Hydrogel with Microcyn® Technology

Comparison of Epicyn™ and competitor product

Investigator Global Assessment

Did you know?

Any deep layered trauma to the skin will result in a scar. This is a natural process as a protective reaction to the body. Scars are areas of tissue that replaces normal skin after injury. During the healing process a thick layered scar might appear which can cause side effects.

Scars can cause:

- Itching sensation
- Pain (might depend on weather conditions)
- "Tight" skin sensation
- Reduction of movement

Most scars do not cause any problems or side effects. However-depending on the location, age, sex, genetic factors, ethnicity, the possibility to develop more prominent scars is present.

There are various scar types but the two most common forms of scars are **hypertrophic-** and **Keloid** scars:

Hypertrophic scars are red, thick and swollen, painful or itchy, but they are equal in size to the affected area.

Keloid scars are thick and irregular and extend outside the wound side. They often are red and darker than the persons skin color.

Under normal circumstances scars are harmless to a person's health, but may affect a person's looks and self-esteem due to location, appearance and sizes. Treatment of these side effects is possible through various ways, but the International guidelines to treat scars is to use a silicone-based moisturizer.

The advantages of silicone has a triple effect

- It moistures the skin
- It restores the skin culture
- It contributes to collagen improvement





The Power of Epicyn™ Scar Hydrogel



Sonoma Pharmaceuticals has developed a silicone-based Epicyn™ Scar Management Hydrogel, formulated with the patented Microcyn® Technology which has a significant advantage in the management of old or new hypertrophic- and keloid scars resulting from burns, general surgical procedures and trauma wounds.



The essential components of Epicyn™ are Hypochlorous Acid (HOCL) and Sodium Hypochlorite (NaOCL). These ingredients, present in very low quantities, are naturally produced as a defensive agent as part of our innate immune system. Microcyn® Technology has been used for many years to treat various acute and chronic wounds and has shown to be very effective in the healing process without any side effects.

The benefits of the mechanical mode of action are:

- Prophylactic anti-Inflammatory and anti-microbial properties
- Improvement of scar vascularity by increased capillary perfusion
- No waste disposal after usage/therefore safe to the environment
- Safe to use around mouth, eyes and nose
- pH neutral
- Non irritating
- Non-toxic



Keloid Scars are all Hypertrophic, but “only a small percentage of Hypertrophic scars” are Keloid.



Scar Management

Scar Management can now immediately begin with Epicyn™

- Epicyn™ can be used immediately after wound appearance or wound suturing
- No need to wait for 2 to 3 weeks until wound closure
- Clinically proven to help reduce the redness, hardness and elevation
- Relieves scar-associated itch and pain sensations
- Ideal for scars of various sizes, shapes and location
- Reducing the associated discoloration

For minimizing scarring during and after healing

Epicyn™ Advanced Scar Management Hydrogel is intended for the management of old and new hypertrophic and keloid scars, resulting from burns, general surgical procedures and trauma wounds. It can be used immediately after appearance of a wound or straight after suturing of the wound after a surgical procedure. No need to wait until the wound is closed.

Photographic Results of Epicyn™ Hydrogel Treatment



Baseline

Female with a linear keloid scar due to surgery on her left leg



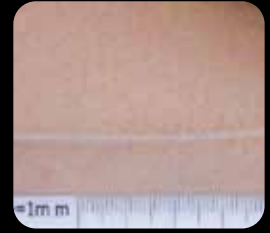
16 Weeks

Appearance after 16 weeks treatment with Epicyn™



Baseline

Female with a linear hypertrophic scar on her left arm due to injury



16 Weeks

Appearance after 16 weeks treatment with Epicyn™

Keep the wound clean to avoid infections during the healing process

The first experience

Patient after usage of Epicyn™ for 4 weeks

“Finally, a product that not only contains Silicone but has a anti-inflammatory effect as well”

Patient after using Epicyn™ for 5 days

“The itching sensation was completely gone after a 3 days of using Epicyn™”

Dermatologist Slovenia

“I have heard about this product and to me it sounds very interesting for usage by my patients”

Plastic Surgeon Lithuania

“After a few weeks using Epicyn™ on a fresh surgical scar, the scar almost completely vanished”

Patient from Germany

“After many years using a variety of products, I believe I finally found the right product”

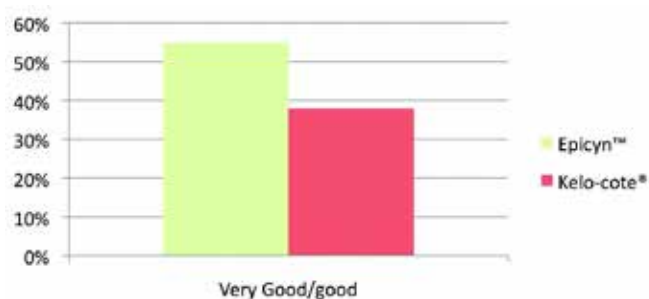


New wound treatment options, including super oxidized water, are having a positive effect on healing outcomes in general*

Clinically proven to help reduce the redness, hardness, elevation, itch and pain associated with scars. Epicyn™ helps soften, flatten and smooth the scar, while reducing the associated discoloration and itching.

A double-blind randomized study to determine the substantial equivalence of Epicyn™ Hydrogel vs Kelo-Cote® in up to 40 subjects with Hypertrophic or Keloid scars* resulted in the following outcome: in the healing process without any side effects.

Investigator Global Assessment: % Very good/good at Week 12



Comparison of Epicyn™ and competitor product: (based on percentage reduction from base line)

checking	Epicyn™	Kelo-cote®
Vascularity	- 42%	- 28%
Pliability	- 47%	- 34%
Height	- 30%	- 11%
Vancouver	- 40%	- 26%
Pain	- 100%	- 72%
Itch	- 78%	- 70%

*A Double-blind, Randomized Study of a Microcyn® Technology Scar Gel In Comparison with 100% Silicone Gel for Hypertrophic or Keloid Scars
 Alicia D. Bucko, DO, CPI, JD Academic Dermatology Associates, Albuquerque, et All

Questions and Answers

1. Can I still use my cosmetics?

Yes, once the gel has been absorbed after a few minutes, you can use your preferred cosmetics.

2. Can I use Epicyn™ immediately after appearance of a wound?

Yes, Epicyn™ can be used on fresh wounds or immediately after suturing of a wound by a physician.

3. How long will it take before the scar is gone?

Once a scar has formed it will be present for the rest of your life. Complete removal of a scar is impossible but less predominant by using Epicyn™ on a daily base is possible.

4. How long does it take before Epicyn™ becomes active?

Microcyn® reacts immediately to the affected area. It will kill the bacteria in 30 seconds

5. How long can I use the product?

Epicyn™ can be used for 60 days after opening.

6. Does Epicyn™ damage the surrounding tissue?

No, Epicyn™ is gentle and safe. It is free of necrotizing chemicals. It has passed all testing on tissue sensitivity and toxicity with no irritation reported.

7. Where can I buy Epicyn™?

Epicyn™ can be bought at your local pharmacy.

Instructions for Use

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Besides the guidelines set by your health care provider, the following directions needs to be followed.

Epicyn™ is ready for use with no mixing or dilution required.

1. Clean the affected area and pat dry
2. Cover the affected skin with a thin layer of Epicyn™ and massage gently into the skin
3. Allow to air dry
4. Repeat 3 times daily

Once absorbed, Epicyn™ can be covered with cosmetics or pressure garments.

No special handling is required. Please Store at room temperature and keep out of direct sun light or extreme cold/freezing.

Available sizes and Product codes

Product name	Product code	Product description	Shelf life
Epicyn™	46213-E1	45g /24 bottles per box (individual packed)	24th month



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