

Next Generation in Acne treatment

A new approach in Acne Treatment



GramaNerm™

Advanced Acne Vulgaris Management
with Microcyn® Technology

Did you know?

85% of young people between the ages of 12 and 24 years have acne, and while it is most common in teenagers, acne affects 8% of adults aged 25 to 34 years old. For most people it usually isn't a serious condition but for a large group acne can affect their life.

Acne Vulgaris usually isn't a serious medical condition. However, the presence of acne can have a deep impact on person's life as acne and its scars can influence the social life and self-esteem due to its presence in the face, neck, shoulders, back and chest.

What causes Acne Vulgaris?

In general it is unknown to the experts what the precise cause of acne might be. It is believed that changes in hormone levels at puberty have an influence on the appearance of acne. It is known that when hair follicles become plugged with oil from the glands and dead skin cells, acne will develop giving bacteria a platform to grow.



How to limit the risk of developing acne?

- Clean your skin gently. Use a mild cleanser in the morning, evening, and after heavy work.
- Do not scrub. It does not stop acne and can make the problem even worse.
- Try not to touch your skin. People who squeeze, pinch, or pick their pimples can get scars or dark spots on their skin.
- For males, shave carefully. It helps to soften your beard with soap and water before putting on shaving cream. Shave lightly and only when needed.
- Stay out of the sun. Many acne medicines can make people more likely to sunburn or in combination discolor their skin.
- Choose makeup carefully. Makeup should be so it doesn't clog your skin pores.





Acne Myths

Acne is one of the most common conditions in the world and there are so many myths known. Beneath you will find a short overview of the most heard myths.

Myths 1 *Acne is caused by poor hygiene.*

Acne is not caused by dirt or surface skin oils. If a person believes this myth he or she has the need to wash the skin more frequent which will increase the development of acne.

Myth 2 *Acne is caused by diets like grease foods and chocolate.*

Extensive scientific studies have not found a connection between diet and the development of acne.

Myth 3 *Acne is just a cosmetic condition.*

Yes, that is correct as it is not a serious medical condition.

Myth 4 *Use toothpaste to dry out the acne.*

Toothpaste contains menthol, an ingredient that often irritates skin and causes itching and inflammation.

How can Acne be treated?

There are many ways to treat Acne but every person is unique and has to find his preferred treatment. For most people it could be very hard to find the right choice of treatment.

The Propionibacterium Acne is notorious for the development of acne. A natural occurring bacterium which, uncontrolled and out of hand, can cause acne.

Many years the standard of care to treat acne was using Benzoyl Peroxide or topical antibiotics. These products have severe known side effects like changes in skin color or the development of antibiotic resistance. The medical community is always seeking for alternative routes and products that are effective but with limited or no side effects.

Waiting to treat Acne until it becomes severe can lead to extensive scarring





The power of GramaDerm™

Sonoma Pharmaceuticals has developed GramaDerm™ Acne Management Solution and Hydrogel, formulated with the patented Microcyn® Technology which has a significant advantage in the management of Acne.



The essential components of GramaDerm™ 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. GramaDerm™ does not contain any silicone.

The benefits of the mechanical mode of action are:

- Prophylactic anti-Inflammatory and anti-microbial properties
- Improvement of skin 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



A proactive treatment for the best possible outcome.

Acne Vulgaris Management

- GramaDerm™ can be used for a long period of time without causing side effects GramaDerm™ does not bleach the skin
- Clinically proven to help reduce the inflammation and redness
- Very effective to kill the Propionibacterium Acne
- Safe to be used on face, around eyes and mouth
- Supports bodies own healing process

For minimizing inflammation and acne development

- GramaDerm™ is a dermatological cleansing solution intended for use as an adjunct in the topical treatment of mild to moderate acne.
- GramaDerm™ is a dermatological cleanser hydrogel intended for use as an adjunct in the topical treatment of mild to moderate acne.



Photographic Results of GramaDerm™ Combo Treatment



Initial Visit

Initial visit of a patient suffering from Acne Vulgaris in her face



Week 12

Appearance after 12 weeks of treatment with GramaDerm™

30 seconds “in vitro kill time (%) reduction” against a broad spectrum of gram-positive, gram-negative bacteria

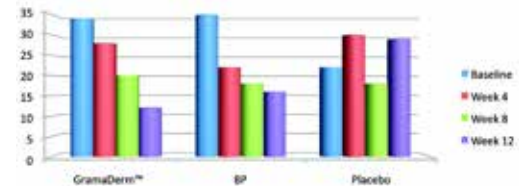
In a 12 weeks double-blinded, placebo controlled, parallel-group, randomized, clinical trial with GramaDerm™ vs Benzoyl Peroxide among 87 patients. The outcome was significant compared to the standard acne treatment with Benzoyl Peroxide.

- In this pilot study, application of GramaDerm™ reduced prevalence of acne blemishes by 65% versus 54% for Benzoyl peroxide (BP).
- GramaDerm® eliminated 98% of Propionibacterium acnes in 60 seconds without inducing bacteria resistance.
- No adverse effects were associated with the use of GramaDerm™ while Benzoyl Peroxide was associated with stinging, bacterial resistance, erythema and drying or peeling of the skin.

Study outcomes:

MRSA - Staphylococcus aureus	99,99%	VRE - Enterococcus faecalis	99,99%
Staphylococcus aureus	99,99%	Escherichia coli	99,97%
Acinetobacet baumannii	99,99%	Bacteroides fragilis	99,99%
Candida albicans	99,99%	Enterobacter aerogene	99,99%
Enterococcus faecium	99,99%	Haemophilus influenzae	99,93%
Klebsiella oxytoca	99,99%	Klebsiella pneumoniae	99,99%
Micrococcus leteus	99,99%	Proteus mirabilis	99,99%
Pseudomonas aeruginosa	99,98%	Serratia marcescens	99,99%
Staphylococcus epidermidis	99,98%	Staphylococcus haemolyticus	99,99%
Staphylococcus hominis	99,96%	Staphylococcus saprophyticus	99,99%
Streptococcus pyogenes	99,99%		

Results of the Pilot study on Itch sensation



Instructions for Use

GramaDerm™ is easy to use and very comfortable

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

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

1. Wash the affected area with the included GramaDerm™ Solution
2. Let the skin dry
3. Cover the affected area with a thin layer dry of GramaDerm Hydrogel™ and gently rub until it is evenly distributed
4. Repeat 3 times daily

Available sizes and Product codes

Product name	Product code	Product description
GramaDerm™ Combo-Pack	45321-E1	60gm Hydrogel & 100ml Solution
		12/box individual packed



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