

# New Class of Derma-Pharmaceutical used to Alleviate Pain, Neuropathy and Increase Wound Healing

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## ABSTRACT

Many people in the general population battle intense chronic pain daily and it disrupts their quality of life. Current OTC therapies provide mixed results and have profound limitations. However, the Hydroglide Body and Facial Lotion is a patent-pending product that delivers consistently positive outcomes. It's a dual-fighting agent for dermatological issues and is useful for general body aches as well as for debilitating and excruciating pain.

## Keywords

Facial Lotions, Hydroglide Body, Derma-pharmaceuticals, Skin irritations.

## Introduction

Hydroglide Body and Facial Lotion is part of a new class of derma-pharmaceuticals under the trademark name of TechMoore. Although non-toxic, it packs a potent punch. Because it is a safe compound, the lotion complements legend drugs with active ingredients that improve the penetration of therapeutic medications and significantly enhance their efficacy. While it can be combined with existing patented compounds, the lotion also may be used as a standalone to quickly alleviate pain. In fact, it provides relief in just only five minutes after application. After it is applied to the skin, the upside is that the now former recurring pain disappears within eight to twenty-six hours whether or not the agony resulted from carpal tunnel syndrome, sciatic, joint pain, fibromyalgia or diabetic neuropathy.

Hydroglide's multi-acting ingredients serve as a skin moistening agent too, allowing its essential compounds to reduce irritation and redness caused by companion drug combinations and other conditions.

## Objectives

We want to show the importance of embodiments, which herein relate to the field of moisturizing lotion products. These

embodiments act together to effectively treat skin irritations, pain and inflammations. Thus, by spotlighting the wonders of embodiments, our overarching goal, undoubtedly, will show how an extended pain-free normal is achievable.

## Methodology

Hydroglide embodiments travel through the body after passing through the skin surface. The transport vehicle is de-ionized water and a low-humidity humectant that produces an anti-inflammatory compound. With its moisturizing composition acting as a catalyst, the embodiments begin their dermatological journey by coursing their way through human tissue. After a deeper skin penetration occurs, chemical agents are released that trigger a barrier repair function that delivers anti-inflammatory substances to the desired target. The fortunate aftermath is that, with pain now reduced, other active ingredients (perhaps from companion-patented medicines) can be applied subsequently to the skin without causing irritation or dryness.

It should be noted that there are several ingredients in the moisturizing lotion that are prevalent and easily accessible. These companion products bring pain relief to many desperate patients and are used in partnership with Hydroglide for even greater efficacy. Included among these ingredients is the ubiquitous aloe vera plant, which plays a significant role in Hydroglide's effectiveness. In fact, aloe vera acts as an analgesic that cools and soothes. It also functions as a moisturizer with anti-wrinkle

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capabilities and is believed to be particularly beneficial for treating burns, eczema, irritation and pain.

Another valuable and available active ingredient is algae extract. It functions as an antioxidant and skin moisturizer. By providing suppleness, the extract appears to have anti-aging characteristics. In addition, it either relieves pain or triggers the analgesic properties of other substances found inside the moisturizing lotion.

Vervain extract is also an antioxidant and may offer analgesic benefits. It's believed that this particular extract may work synergistically with essential derivatives to scavenge free radicals. Vervain extract may also enhance the effects of certain prostaglandins, thereby stimulating the extracellular transmission of the active ingredients of the moisturizing lotion. In addition, vervain extract may function as a skin conditioner with emollient properties. It is also believed to stimulate circulation as an arterial vasodilator and as a vein decongestive. These functions may allow ingredients in the moisturizing lotion to flow through the microcirculation more freely and easily, thus reducing the level of pain.

Panthenol is another contributor in the class of anti-inflammatory agents. It potentially reduces redness and skin irritation and uses its moisturizing and lubrication properties to supplement Hydroglide's composition.

Meanwhile, there's also the willow bark extract. It adds to the arsenal of anti-inflammatory agent and may provide moisturizing, cleansing, bactericidal, virucidal and skin-toning benefits.

Finally, we also examined the inclusion of antioxidant agents in the embodiments of the Hydroglide moisturizing lotion because of their potentially strong health benefits. These antioxidants include Vitamin A, Vitamin C, Vitamin D, Vitamin E, and Vitamin E tocopherol acetate.

## Procedure

The lotion can be applied to the skin in a number of ways for absorption: rubbed, poured, sprinkled or sprayed. As well, it can be incorporated within brand-name legend drugs to help those products deliver greater efficacy for consumers. The application process is relatively simple:

- Step 1 – For three to five minutes, rub a thin coat of the revitalizing Hydroglide body lotion to aching limbs and onto the skin around those sensitive areas. Studies reveal nearly instantaneous pain reduction.
- Step 2 – Apply the lotion once or twice a day to dramatically limit the patient's pain and sensitivity. The need for re-application can vary for up to 24 hours.

## Results

For most patients, pain was reduced from 85 percent to 100 percent, with constant relief from eight to twenty-six hours. The study

shows a significant efficacy in reducing pain that is associated with fibromyalgia, diabetic neuropathy, back pain, carpal tunnel syndrome and other ailments.

## Other results

Systemic side effects have not been studied yet but, due to the nature of the ingredients, none is anticipated.

- The lotion is effective in healing burned skin and conditions such as eczema.

The moisturizing lotion also can serve as a pre-treatment application for the skin before applying existing medical creams or ointments such as Eucrisa and Voltaren gel. Additionally, the lotion can be formulated as a new vehicle because once the moisturizing lotion hydrates the skin, it could make the skin more permeable to dermal or transdermal medical applications. "Dermal delivery" and "transdermal delivery" are methods to transport active therapeutic ingredients through the skin. Dermal delivery refers to compounds applied on the skin to various skin strata without an intended systemic absorption. Transdermal refers to the mass transport of substances applied on the skin surface and their absorption by each skin strata for microcirculation and wider distribution.

The successful delivery produces a "dermatological benefit" that is visual or therapeutic. In particular, the improved skin exhibits overall attractiveness, through cleansing, that is evaluated via subjective and/or objective assays.

Additionally, the lotion yields a "dermopharmaceutical use" in that it mitigates or prevents diseases or disorders that affect the structure or function of the skin. As noted, its active therapeutic ingredients improve the physical appearance of the skin while transporting healing properties for various conditions via "dermal delivery" or "transdermal delivery" as described above.

Another important factor about Hydroglide is that it contains hydration properties that may reduce inflammation, itching and discomfort. Furthermore, some of its embodiments are beneficial for treating skin damage or other problems associated with chafing, sunburn, thermal burns, sensitive skin, dry skin, rough skin, flaky skin, red skin and irritated skin. Many of these symptoms are associated with eczema, psoriasis and rosacea. Hydroglide also targets a wide range of dermatitis conditions: photo-dermatitis, seborrheic dermatitis, nummular dermatitis, stasis dermatitis, dermatitis herpetiformis, atopic dermatitis, burns and allergic dermatitis.

## Documentation and Data Collection

The Hydroglide Body and Facial Lotion appears to have few, if any, limitations. It can be used in infants without much concern because natural ingredients comprise one or more of its anti-inflammatory agents.

Our patient data on pain reduction reveal extraordinarily positive results. In one study in particular, empirical evidence shows

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remarkable progress from a pool of 24 patients who were evaluated for up to 20 weeks. For these individuals, the intensity of pain diminished 85 percent to 100 percent. In fact, most people in the study reported relief that exceeded 20 hours, with a few of them declaring more than 70 hours of total comfort after applying the lotion. Its non-discriminating pain relief provides freedom from aches associated with carpal tunnel syndrome, sciatic, joint pain, fibromyalgia, diabetic neuropathy and a host of other conditions.

This long-lasting pain reliever is due to an antioxidant extract that normalizes the skin's moisture content and provides suppleness. The extracts provide superior lubrication and hydration to the skin and restore the skin's barrier protection. The extracts are non-irritating and non-comedogenic. Furthermore, the use of an antioxidant of plant origin may work in tandem with essential derivatives to scavenge free radicals.

### **Discussion**

We are producing more data that pharmaceutical companies may need to make a more informed decision to license TechMoore technology.

### **Conclusion**

Embodiments of compositions disclosed include a plurality of ingredients that are blended together to offer potential for synergistic benefits in treating skin with non-legend and legend drugs in cream or ointment formulations. The main formulation of the lotion could be added to prescription FDA-approved drugs by adding a new vehicle with a new application for greater effectiveness, or it can be applied separately but packaged with the prescription product.

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