

Ocean Aid: Completely Natural Antibacterial Wound Care Products that Work

By Eddie Kolos and Marty Stern

When it comes to wound care, medicine has reached a point where the current lines of treatment products are not nearly as effective as they had been in past years. This may be due to antibodies that have developed from using medicine with some chemical-based ingredients. Whatever the reason, wound care products today, in many cases, have become virtually useless.

Ocean Aid, Inc. researches, invents, and manufactures an armamentarium of completely natural antibacterial wound care products that work. In doing so, Ocean Aid is changing the way healthcare professionals will approach future wound care, and how they can best manage it. The questions of importance to Ocean Aid include: Why do other companies' products use antiseptics and disinfectants to clean wounds? (They kill bacteria and regenerating cells—this actually slows the healing process.) Why should a petroleum- or ointment-based product be used? (Wouldn't this cut off the air supply to the wound and slow cell growth?) Why don't existing topical wound care products provide minerals to create an environment that nourishes the wound site?

Traditional allopathic thinking about wound care is clear—it is simply destroy, destroy, destroy. The philosophy of Ocean Aid is different: Ocean Aid takes a more proactive approach



Ocean Aid, Inc.
The First in First Aid

by offering products that promote cell growth, while selectively destroying those bacteria that are harmful. Ocean Aid currently manufactures 2 products: Ocean Aid Spray and Ocean Aid Moisturizing Foam. Ocean Aid, Inc. is developing a novel product line using natural sea salt and enzymes that kill only harmful bacteria.

Ocean Aid Spray is a patented formula composed of reverse osmosis water, sea salt, and Lysozyme. Although simple in formula, its workings are complex. Lysozyme is a selective antibacterial enzyme that kills gram-positive bacteria. The end result here is that the bacteria are destroyed while the cells in the wound are allowed to repair and grow to accelerate healing time. Other products use antiseptics and disinfectants to kill bacteria. Antiseptics and disinfectants, yes, do kill bacteria, but also destroy the healing tissues (including scaffolding subcutaneous structures and migrating and regenerating epithelial cells), and the inflammatory cells

that are cleaning up necrotic debris and harmful bacteria. Unlike the other products on the market the goal of Ocean Aid is to kill microbial invaders and provide essential minerals

to enhance cell growth and repair, resulting in a faster healing time. The Lysozyme works best when delivered through a saline solution that is closest to the natural elements of the body. The isotonic solution is both salt and pH balanced to that of the human body, ensuring that the solution (with its antibacterial enzyme) is readily and easily accepted at the wound site. This formulation helps increase blood circulation to the affected area, and the sea salt ensures that 82 essential trace elements and minerals are provided for new cell growth.

Ocean Aid Spray is a patented formula that is packaged under sterile conditions. It comes in a state-of-the-art container whose interior lining prevents bacteria or any other airborne particles from contaminating its contents. Ocean Aid Spray is a topical antimicrobial cleaning, debriding and nutrient replacement spray used on wounds, including stage I-IV, pressure ulcers, diabetic ulcers, burns, post-surgical wounds, psoriasis, epidermolysis

Ocean Aid is changing the way healthcare professionals will approach future wound care.



Debrided gangrene toes 2,3 of a 54 year old diabetic male



6th day using Ocean Aid Spray 3 times a day



3 weeks after first use

Ocean Aid...

sis bullosa, abrasions, and insect bites.

Ocean Aid Moisturizing Foam is appropriate for many conditions that arise daily in the podiatrist's practice. Based on the same concepts as the spray, Ocean Aid Moisturizing Foam is made from

all-natural ingredients that complement the human body's own healing processes. Using Ocean Aid Moisturizing Foam after operative phenol/alcohol treatments, as well as other dermal chemical treatments, provides the patient relief from pain and protection from harmful bacteria; it acts as an invisible bandage. The Ocean Aid Moisturizing Foam does not clog dermal pores, and it is easy to apply. Again, cross-contamination is not an issue. The foam is indicated for psoriasis, postoperative phenol/alcohol treatment, porokeratotic lesions, mosaic verruca, verruca plantaris, molluscum contagiosum, and hereditary keratosis punctata plantaris.

Ocean Aid, Inc. was established to offer practicing podiatrists the option of having a line of all-natural, safe, effective, and easy-to-use products, which they can dispense from their office. The entire line of Ocean Aid products is safe for the diabetic population, which is growing at an unprecedented rate. In the coming months and years, the practicing podiatrist will be facing more and more diabetic patients with chronic wounds. Given this scenario, the Ocean Aid line of wound care products is the perfect complement to one's daily office armamentarium.

In a clinical study performed by Dr. Paul Glaser, DPM, FACFS, of Summit Podiatry, PC in Wilmington, North Carolina, Glaser Foot & Ankle Clinic in Whiteville, North Carolina, and senior attending physician for the Department



A post phenol and alcohol procedure.

of Orthopedics at New Haven Hospital in North Carolina, Ocean Aid products were shown to be well-received by the patients, cost-effective, and easy to administer. In this study, diabetic patients with stage-2 and stage-3 ulcers were instructed to use Ocean

Aid Spray as the sole topical product. They were told to clean the wound by soaking a sterile gauze in Ocean Aid Spray and then applying this gauze to the wound. At this point, the gauze became a wet-to-dry dressing, which would

be re-soaked 3 more times each day by spraying the intact gauze. Wounds were then débrided every 10 to 14 days by sharp dissection to the appropriate level of bleeding tissue. When the ulcer had improved sufficiently to a Wagner-1 depth, the spray was used without a dressing 3 to 4 times daily until healed.

While this study represents only a phase 2 clinical trial, it is of interest to note that none of the lesions became infected or reinfected while using this product. This is attributable to the natural antimicrobial actions of lysozyme in the product.

The study also examined the use of Ocean Aid Moisturizing Foam as a postoperative dressing following a phenol-alcohol procedure. Twenty-one patients including several diabetic patients were followed for an average of 2 to 3 months after a phenol-alcohol procedure for permanent correction of an infected ingrown toenail. Patients were instructed to leave their postoperative bandage in place for the first 24 hours, then to remove the bandage, and drain and flush the wound with Ocean Aid Moisturizing Foam. In this procedure, the foam product was preferred to the spray because the foam was easier to use in a small area (like a toe). Patients were instructed to dispense Ocean Aid Moisturizing Foam onto a cotton swab and apply this to

the toe 3 to 4 times a day, covering it with a fabric bandage, and then leaving it exposed to the air at night after 3 days. Results showed that all wounds healed without complication. When compared with a control group, phenol-induced inflammation regressed significantly sooner in the Ocean Aid Moisturizing Foam group. Additionally, when the foam group was compared with the control group, overall healing time was reduced to the 90th state in 2 to 3 weeks compared with the more common 3 to 5 weeks when topical antibiotics alone are used.

In conclusion, Ocean Aid Spray and Ocean Aid Moisturizing Foam are cost-effective and well-accepted natural products for the skin conditions mentioned previously and as wound care dressings.

In acute skin conditions, the average treatment course of 2 to 3 weeks would cost \$30 to \$50 for Ocean Aid products compared with hundreds of dollars for comparable topical steroids. Chronic skin conditions re-



Diabetic patients find it easy to use at home.

quire constant care, which can cost thousands of dollars per year. Also, there is the issue that some products can negatively affect the immune system (e.g., topical or oral corticosteroids). Ocean Aid products contain an isotonic solution of sea salt with all trace elements and natural antimicrobial Lysozyme that nurture tissues by promoting natural healing.

For the practicing podiatrist,

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Ocean Aid...

Ocean Aid products offer the option of a natural product line that is completely safe for the diabetic population. This product is non-irritating to any skin type; it is used in the actual operations and used by the patient as the primary product for their wound care. Ocean Aid is also used for a number of dermal conditions and is being searched out by patients looking for natural products. This increases the number of patients that will return for more products to treat other dermal conditions not necessarily related to podiatric medicine.

Podiatrists will now have the potential opportunity to take over the first aid market by offering the use of safe, effective and easy-to-use

products. Ocean Aid consistently brings about the highest degree of patient satisfaction.

Ocean Aid continues to use their innovative approach using the patented technologies, ingredients, and methods to create additional products that will be extremely beneficial to you in your practice, as well as to your patients.

Ocean Aid understands that you and your business require only the utmost level of performance in the products you use. Based upon this demand Ocean Aid will continue to provide you with exceptional products of the highest quality. Now is the time to align with Ocean Aid, the first in first aid, and reap the benefits that lie ahead.

Circle #168



Ocean Aid Foam soothes and protects your patients

For more information and samples, please contact us at 1-800-420-2326. Or visit us online at: www.oceanaidproducts.com, or circle #168 on the reader service card.