



Science
+ Nature

MEDLINE

REMEDY®

Phytoplex®

WORKING FOR THE BENEFIT OF SENSITIVE SKIN

Science + Nature

The Medline Remedy Phytoplex line combines the most advanced skincare science with some of the gentlest, most beneficial botanicals nature provides. The result is a complete regimen of skincare specifically formulated for use on sensitive skin.

The Phytoplex line continues to grow to meet the ongoing demand for more effective solutions to a variety of sensitive skin issues. Within the line, you'll find products to cleanse, moisturize, protect and treat while nourishing with a gentle formulation that combines the best of science and nature.

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THE SCIENCE & NATURE OF PHYTOPLEX

The primary mission of the Phytoplex line focuses on managing at risk skin so redness, dry skin and stress do not disrupt the normal barrier function of the skin surface. Phytoplex is formulated to help mitigate these negative effects and help maintain conditions needed for normal, healthy skin function.

01 NOURISHING & SOOTHING

Naturally abundant blue-green algae is extremely rich in proteins, vitamins, antioxidants, essential fatty acids and carbohydrates.^(1,2)

02 MOISTURIZING

Yeast Extract³ & Soy Proteins⁴ and polysaccharides from the yeast extract have qualities that promote moisturization. As film formers, soy proteins are natural humectants, helping moisturize the skin's surface.⁽⁵⁾

03 APPLICATION TECHNOLOGY

Encapsulation helps stabilize Vitamin D to permit more efficient application to the skin surface. Since encapsulation causes a small electric charge, it is naturally drawn to the skin which has a negative charge.

04 PROTECTING AGAINST FREE RADICALS

Hydrolyzed Soy Protein, Green Tea Extract and Clove Flower Extract are antioxidants. These help soothe and comfort skin, reducing stress.

THE CHALLENGE OF SKINCARE



Green tea

Blue-green algae

Soy beans

Clove flower



Sometimes we forget that skin is our largest organ. It's a remarkably durable and self-sustaining system. But like every part of the human body, the skin faces considerable health challenges in different stages of life.

Some Are External Factors Like:

incontinence, radiation, contact with irritants like detergents and sun, physical stress, everyday drying conditions

Some Are Internal Factors Like:

slowed cell replication due to aging, decrease in protein synthesis, increase in proteolysis, hormonal changes, fatigue, obesity, nutritional imbalance, disease, medication

As skin ages through time or photoexposure, it produces less collagen and elastin, key building blocks for healthy skin. The most obvious changes are dryness, loss of elasticity, sagging skin and loss of tone. These factors, in turn, cause elevated proteolytic activity leading to redness and provoking other undesirable changes in the skin.^{6,7,8}

MEDLINE REMEDY PHYTOPLEX MEETS THE SKINCARE CHALLENGE

Representing the latest advances in skincare technology, the Phytoplex skin care line provides an arsenal of products to meet the ongoing demand for more effective skincare solutions. With a special blend of core ingredients, the entire line was developed to nourish and soothe skin, provide moisture, and help protect skin from damage.

WHAT IS IN PHYTOPLEX?

Hydrolyzed Soy Protein⁴, Yeast Extract³, Vitamin D⁹
These are all humectants derived from nature to moisturize skin.⁵

Blue-Green Algae Extract
Soothes and refreshes with vital nutrients including proteins, vitamins and antioxidants.^{1,2}

Green Tea and Clove Flower Extract
These two ingredients are naturally high in antioxidants to soothe and comfort skin.

Natural Oils and Extracts:
Calophyllum Tacamahaca Seed Oil, Santalum Album (Sandalwood) Extract, Phellodendron Amurense Bark Extract and Hordeum Distichon (Barley) Extract
Rich in antioxidants to help condition skin

Borago Officinalis Seed Oil
A single source of eight beneficial fatty acids including gamma-linolenic acid (GLA)

Phospholipids
Cleanse and condition the skin without stripping the skin of its natural oils



A proprietary blend of beneficial botanicals are at the heart of each Phytoplex formulation

WHAT'S NOT IN PHYTOPLEX?

Parabens
Studies have shown evidence of parabens as endocrine inhibitors, however, there is considerable debate over its safe use. Some clinicians prefer other preservative methods.¹⁰

Sulfates
This commonly used cleansing agent has the potential to dry out and irritate skin. Typically present in high sudsing products.¹¹

Aloe
Although it is widely used as an emollient, aloe may cause allergic reactions in some patients.¹²

Phthalates
Several studies link phthalates with negative health side effects.¹³

CLEANSE.



The Science + Nature of Cleansing

Cleansing sensitive, fragile, erythematous or dry skin is very challenging.^{14,15} The full line of Medline Remedy Phytoplex cleansers provide gentle, yet effective, alternatives to meet the demands of sensitive skin.

Medline Remedy Phytoplex cleansers leave skin clean, nourished, hydrated, and prepared for the next steps in your skincare regimen.

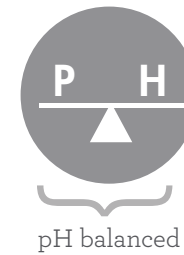
01 CLEANSE WITHOUT HARSH SULFATES

- + Medline Remedy Phytoplex cleansers are low sudsing. Suds are typically associated with harsh sulfate-based surfactants that can strip away skin's protective oils. Phytoplex formulas are mild, pH-balanced and tear-free to ensure patients won't feel the sting of regular shampoos and soaps in their eyes or on sensitive skin. Also, these cleansers are designed to be easily removed even when hard water is present.

02 GENTLE PHOSPHOLIPIDS REMOVE DIRT AND OILS, NOT MOISTURE

Phospholipids are gentle cleansers, similar to the skin's own lipids.

- + Their unique hydrophobic/oleophilic molecular structure helps lift away dirt and oils without stripping away needed moisture.^{16,17,18}



03 CONDITION SKIN WITH SOOTHING BOTANICALS

- + The best sensitive skin cleansers not only clean gently and effectively, they condition the skin without occluding it.

The proprietary Phytoplex blend of botanicals nourish the skin, help moisturize skin cells with soy proteins, and soothe the skin with green tea and clove flower.

Coconut is the major source of the mild, yet effective, cleaning power of Phytoplex cleansers.



01

HYDRATING CLEANSING GEL

SHAMPOO & BODY WASH FOR SHOWER OR BEDSIDE

> Gently cleanses and conditions both sensitive skin and hair

Low sudsing, sulfate-free, formula to maintain natural pH and moisture balance

For use on intact, irritated or denuded skin

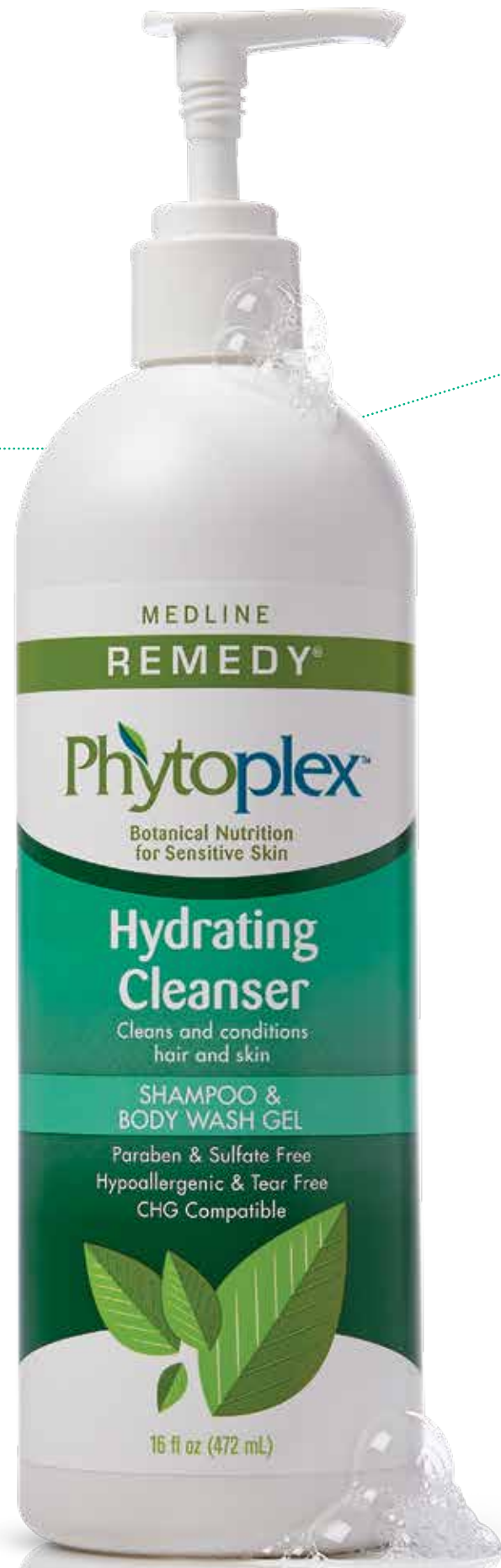
Ideal for all ages

Contains natural emollients and a touch of dimethicone to moisturize skin

One 4 ounce bottle makes 1 gallon of no-rinse cleaning solution

Contains beneficial blend of proprietary Phytoplex botanicals

Tear-free, hypoallergenic, non-irritating, non-sensitizing



INGREDIENTS:

Water, Coco-Glucoside, Cocamidopropyl Betaine, Aphanizomenon Flos-Aquae (Algae Extract), Camellia Sinensis (Green Tea) Leaf Extract, Eugenia Caryophyllus (Clove) Flower Extract, Yeast Ferment Extract, Hydrolyzed Soy Protein, 7-Dehydrocholesterol, Zea Mays (Corn) Oil, Phospholipids, Tocopheryl Acetate, Glycerin, Dimethicone PEG-7 Phosphate, Caprylic/Capric Triglyceride, Hydrogenated Lecithin, Trisodium Ethylenediamine Disuccinate, Diethylhexyl Syringylidenemalonate, Acrylates/C10-30 Alkyl Acrylate Crosspolymer, Sodium Hydroxide, Phenoxyethanol, Ethylhexylglycerin, Ethylene Brassylate, Vanilla Planifolia Fruit Extract, Isopropyl Myristate, Methyl Dihydrojasmonate

Add H to the end of the item numbers to order by the each

SHAMPOO & BODY WASH

ALSO AVAILABLE IN
DISPENSER BAGS

MSC092034
33.8 fl oz (1000ml)
8/cs

MSC092002
2 fl oz (59 ml)
96/cs

MSC092004
4 fl oz (118 ml)
48/cs

MSC092008
8 fl oz (236 ml)
12/cs

MSC092016
16 fl oz (472 ml)
12/cs



02

HYDRATING CLEANSING SPRAY

GENTLE, NO-RINSE
CLEANSER FOR
HAIR, FACE & BODY

> Spray cleanser allows uniform coverage for larger areas of skin

Cleansing body lotion provides cleansing with a higher degree of moisturizing

For use on intact, irritated or denuded skin

Strong enough to remove difficult barrier pastes and creams, as well as blood and fecal matter

Sulfate-free, tear-free formula is pH balanced to be compatible with skin.

Ideal for all ages

Tear-free, hypoallergenic, non-irritating, non-sensitizing



SPRAY CLEANSER

INGREDIENTS:

Water, Coco-Glucoside, Cocamidopropyl Betaine, Aphanizomenon Flos-Aquae (Algae Extract), Camellia Sinensis (Green Tea) Leaf Extract, Eugenia Caryophyllus (Clove) Flower Extract, Yeast Ferment Extract, Hydrolyzed Soy Protein, 7-Dehydrocholesterol, Zea Mays (Corn) Oil, Calophyllum Tacamahaca Seed Oil, Phospholipids, Tocopheryl Acetate, Glycerin, Dimethicone PEG-7 Phosphate, Caprylic/Capric Triglyceride, PEG-40 Hydrogenated Castor Oil, Hydrogenated Lecithin, Citric Acid, Trisodium Ethylenediamine Disuccinate, Methylisothiazolinone, Ethylene Brassylate, Vanilla Planifolia Fruit Extract, Isopropyl Myristate, Methyl Dihydrojasmonate

Add H to the end of the item numbers to order by the each

CLEANSING BODY LOTION

INGREDIENTS:

Water, Carthamus Tinctorius (Safflower) Seed Oil, Glycerin, Stearic Acid, Dimethicone, Glyceryl Stearate, PEG-100 Stearate, Olea Europaea (Olive) Fruit Oil, Aphanizomenon Flos-Aquae (Algae Extract), Camellia Sinensis (Green Tea) Leaf Extract, Eugenia Caryophyllus (Clove) Flower Extract, Rosmarinus Officinalis (Rosemary) Leaf Extract, Yeast Ferment Extract, Zea Mays (Corn) Oil, Helianthus Annuus (Sunflower) Seed Oil, Carthamus Tinctorius (Safflower) Oleosomes, Retinyl Palmitate, Cholecalciferol, Bisabolol, Hydrolyzed Soy Protein, 7-Dehydrocholesterol, Phospholipids, Tocopheryl Acetate, Sodium Hyaluronate, Cocamidopropyl PG-Dimonium Chloride, Caprylic/Capric

NO-RINSE CLEANSING SPRAY

Triglycerides, Stearyl Alcohol, Cetyl Alcohol, Citric Acid, Trisodium Ethylenediamine Disuccinate, Potassium Cetyl Phosphate, Hydrogenated Palm Glycerides, Sodium Hydroxide, 1,2-Hexanediol, Phenoxyethanol, Ethylene Brassylate, Vanilla Planifolia Fruit Extract, Isopropyl Myristate, Methyl Dihydrojasmonate

MSC092308
8 fl oz (236 mL)
12/cs

MSC092204
4 fl oz (118 mL)
24/cs

MSC092208
8 fl oz (236 mL)
12/cs



03

HYDRATING CLEANSING FOAM

GENTLE, NO-RINSE
CLEANSER FOR
HAIR, FACE & BODY

> Gentle foam clings where it is applied

For use on intact, irritated or denuded skin

Removes difficult barrier pastes and creams, as well as blood and fecal matter

Ideal for all ages

Phytoplex botanicals soothe and maintain moisture

Tear-free, hypoallergenic, non-irritating, non-sensitizing



INGREDIENTS:

Water, Coco-Glucoside, Cocamidopropyl Betaine, Aphanizomenon Flos-Aquae (Algae Extract), Camellia Sinensis (Green Tea) Leaf Extract, Eugenia Caryophyllus (Clove) Flower Extract, Yeast Ferment Extract, Hydrolyzed Soy Protein, 7-Dehydrocholesterol, Zea Mays (Corn) Oil, Calophyllum Tacamahaca Seed Oil, Phospholipids, Tocopheryl Acetate, Glycerin, Dimethicone PEG-7 Phosphate, Caprylic/Capric Triglyceride, PEG-40 Hydrogenated Castor Oil, Hydrogenated Lecithin, Citric Acid, Trisodium Ethylenediamine Disuccinate, Methylisothiazolinone, Ethylene Brassylate, Vanilla Planifolia Fruit Extract, Isopropyl Myristate, Methyl Dihydrojasmonate

Add H to the end of the item numbers to order by the each

NO-RINSE CLEANSING FOAM



Phytoplex foam cleanser is soft on skin and stays where it's applied.

GENTLE FORMULATION FOR REPETITIVE CLEANUPS

Medline Remedy Phytoplex foam cleanser offers clear advantages, especially for patients requiring repetitive cleanups. The no-rinse formulation contains antioxidants and moisturizers. Plus, it's pH balanced to be compatible with the skin's acid mantle.²⁶

MSC092104
4 fl oz (118 mL)
24/cs

MSC092108
8 fl oz (236 mL)
12/cs



MOISTURIZE.



The Science + Nature of Moisturizing



Medline Remedy Phytoplex Nourishing Skin Cream provides more than the proprietary blend of beneficial botanicals. It also contains tiny, naturally occurring oil packets surrounded by phospholipid "shells" known as oleosomes. These oleosomes break open when spread on the skin, providing long-lasting moisturization.

For all types of skin, including sensitive skin, Medline Remedy Phytoplex Nourishing Skin Cream provides hydration, nourishment, and moisture balance to help maintain skin's natural defenses.

01 MAINTAINING MOISTURE & NATURAL OILS

- + Medline Remedy Phytoplex Nourishing Skin Cream contains the proprietary blend of botanicals that work to condition skin and maintain a healthy moisture balance.

It also contains tiny, naturally occurring oil packets surrounded by phospholipid "shells" known as oleosomes. These oleosomes break open when spread on the skin, providing long-lasting moisturization.

02 PROTECTING FROM TRANS EPIDERMAL WATER LOSS

- + Compromised skin allows for greater water loss from damaged or irritated areas. This trans epidermal water loss (TEWL) increases risk of further skin breakdown, leading to a higher risk of infection.



Studies have shown that daily use of emollients may reduce visible dermatitis and improve skin integrity.¹⁰

03 REPLACING MOISTURE LOST WITH AGE

- + One of the most significant changes in aging skin is increased dryness.

This can be attributed to a combination of reduced water content in the uppermost layers of skin, a decrease in intercellular lipids and diminished natural oil production. All these factors are vital elements in maintaining soft, supple, smooth skin. Without proper moisturization as part of a daily skin care regimen, these relatively minor issues may escalate into more serious skin conditions.^{19,20}

The Benefits of Phytoplex Botanicals

- ▶ Santalum Album Extract (Sandalwood), Phellodendron Amurense Bark Extract, Hordeum Distichon Extract (Barley) These are all hydrators.
- ▶ Carthamus Tinctorius (Safflower) Oleosomes Naturally occurring tiny oil packets contained in a phospholipid "shell" extends the release of other ingredients in the formulation.²¹
- ▶ Vanilla Planifolia Fruit Extract Skin moisturizing agent that adds a light natural scent and plant-sourced polyphenols with antioxidant properties
- ▶ Zea Mays Corn Oil Added for hydration and moisture preservation, it also emulsifies to help keep other ingredients distributed throughout the product.²³

01

NOURISHING SKIN CREAM

RESTORING SKIN'S NATURAL MOISTURE BALANCE & BARRIER PROPERTIES

> Moisturizes with a blend of natural emollients including safflower oleosomes

Formulated without mineral oil or other petrochemicals to remain breathable

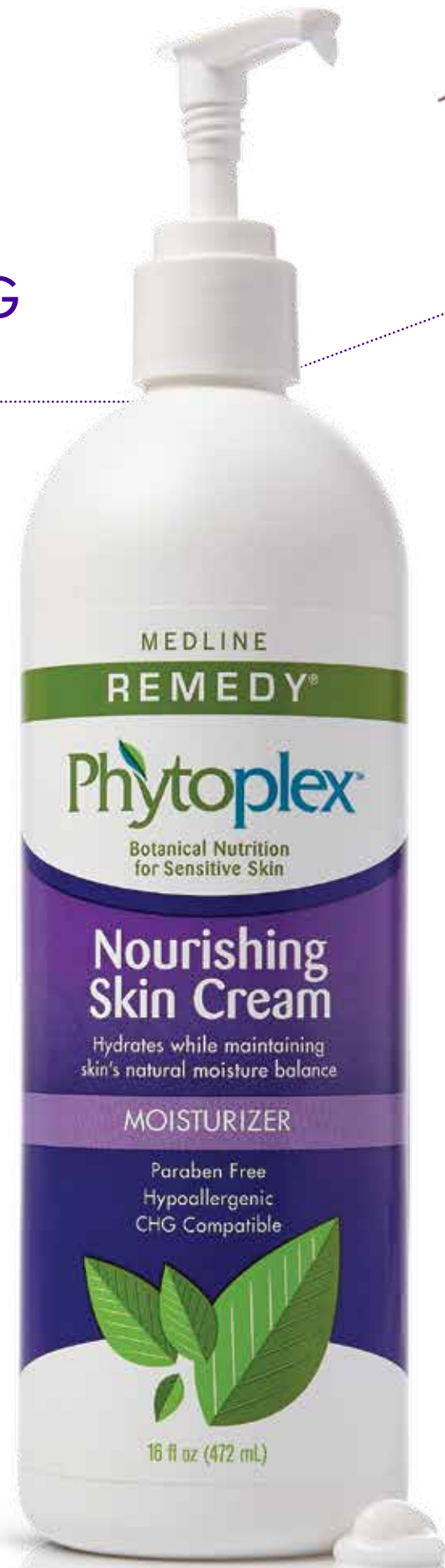
Provides long lasting moisturization without leaving a greasy residue

Ideal for use on hands, face and body

Enhanced with Phytoplex, additional botanicals and essential fatty acids

Hypoallergenic, non-irritating, non-sensitizing, latex compatible, pediatrician and dermatologist tested

THE SAFFLOWER provides the botanical source of encapsulated moisturizers in Phytoplex Nourishing Skin Cream.



SCENTED INGREDIENTS:

Water, Carthamus Tinctorius (Safflower) Seed Oil, Glycerin, Stearic Acid, Cetearyl Alcohol, Dimethicone, Glyceryl Stearate, PEG-100 Stearate, Aphanizomenon Flos-Aquae (Algae Extract), Camellia Sinensis (Green Tea) Leaf Extract, Eugenia Caryophyllus (Clove) Flower Extract, Carthamus Tinctorius (Safflower) Oleosomes, Sodium Hyaluronate, Arginine, Hydrolyzed Soy Protein, Yeast Ferment Extract, Phospholipids, Zea Mays (Corn) Oil, 7-Dehydrocholesterol, Caprylic/Capric Triglyceride, Santalum Album (Sandalwood) Extract, Phellodendron Amurense Bark Extract, Hordeum Distichon (Barley) Extract, Trisodium Ethylenediamine Disuccinate, Tocopheryl Acetate, Citric Acid, Caprylyl Glycol, Ethylhexylglycerin, Hexylene Glycol, Phenoxyethanol, Vanilla Planifolia Fruit Extract, Isopropyl Myristate, Ethylene Brassylate, Methyl Dihydrojasmonate

UNSCENTED INGREDIENTS:

Water, Carthamus Tinctorius (Safflower) Seed Oil, Glycerin, Stearic Acid, Cetearyl Alcohol, Dimethicone, Glyceryl Stearate, PEG-100 Stearate, Aphanizomenon Flos-Aquae (Algae Extract), Camellia Sinensis (Green Tea) Leaf Extract, Eugenia Caryophyllus (Clove) Flower Extract,

Carthamus Tinctorius (Safflower) Oleosomes, Sodium Hyaluronate, Arginine, Hydrolyzed Soy Protein, Yeast Ferment Extract, Phospholipids, Zea Mays (Corn) Oil, 7-Dehydrocholesterol, Caprylic/Capric Triglyceride, Santalum Album (Sandalwood) Extract, Phellodendron Amurense Bark Extract,

Hordeum Distichon (Barley) Extract, Trisodium Ethylenediamine Disuccinate, Tocopheryl Acetate, Citric Acid, Caprylyl Glycol, Ethylhexylglycerin, Hexylene Glycol, Phenoxyethanol

ALSO AVAILABLE:

- ▶ SINGLE USE PACKETS
MSC092402PACK
0.13 fl oz (4 mL)
144/gr
- ▶ DISPENSER BAGS
MSC092434
33.8 fl oz (1000mL)
8/cs

MSC0924002
4 fl oz (59 mL)
24/cs

UNSCENTED
MSC0924002UNS
2 fl oz (59 mL)
24/cs

MSC0924004
4 fl oz (118 mL)
12/cs

UNSCENTED
MSC0924004UNS
4 fl oz (118 mL)
12/cs

MSC092408
8 fl oz (236 mL)
24/cs

MSC092416
16 fl oz (472 mL)
12/cs



Add H to the end of the item numbers to order by the each

MOISTURIZER

02

NATURAL LIP BALM

SOOTHES WITH NATURAL OILS & BOTANICALS

> Composed of all natural oils such as sunflower, soybean and jojoba

Essential Omega 3 and 6 fatty acids provided by shea butter and beeswax

Encapsulated crystals release citrus flavor while menthyl lactate soothes and refreshes lips

Contains no petrochemicals that are hazardous to oxygen-rich environments

Enhanced with proprietary Phytoplex formula and other botanicals

Hypoallergenic, non-irritating, non-sensitizing, pediatrician and dermatologist tested



INGREDIENTS:

Helianthus Annuus (Sunflower) Seed Oil, Glycine Soja (Soybean) Oil, Beeswax, Euphorbia Cerifera (Candelilla Wax), Flavor, Cannabis Sativa (Hemp) Seed Oil, Mangifera Indica (Mango) Seed Butter, Limnanthes Alba (Meadowfoam) Seed Oil, Zea Mays (Corn) Starch, Hydrolyzed Corn Starch, Simmondsia Chinensis (Jojoba) Seed Oil, Rosmarinus Officinalis, Aloe Barbadensis Leaf Extract, Tocopherol, Methyl Diisopropyl Propionamide, Ethyl Mentane Carboxamide, Menthyl Lactate, Lauryl Laurate, Glyceryl Oleate, Butyrospermum Parkii, Chamomilla Rectita (Matricaria), Isomerized Safflower Acid, Palmitoyl Tripeptide-5, Resveratrol, Punica Granatum Oil, Dimethyl Sulfone, Ceramide, Glyceryl Stearate, Glycerin, Sucralose, Sorbitan Monooleate, Aqua,

Add H to the end of the item number to order by the each

LIP MOISTURIZER



sunflower



beeswax



mango seed

ingredients continued

Butylene Glycol, Aphanizomenon Flos-Aquae Extract, Hydrolyzed Soy Protein, Camellia Sinensis Extract, Soy Amino Acids, Yeast Extract, Eugenia Caryophyllus (Clove) Flower Extract, Phospholipids, Cholecalciferol



SOOTHES & MOISTURIZES

Phytoplex Lip Balm is the lip moisturizer made for use on dry lips due to environmental or internal factors. It covers and soothes with gentle ingredients derived from many natural sources like beeswax, sunflowers, mangos and jojoba seeds. Citrus crystals slowly release flavor and, combined with cooling methyl lactate, add a welcome sense of lasting refreshment.

MSC092915
0.15 oz (4.25 g)
36/cs



HYDRAGUARD.



The Science + Nature of HydraGuard

Medline Remedy Phytoplex HydraGuard® is not only silicone-rich, it has all the benefits of the Phytoplex formula. HydraGuard provides a smooth, breathable film that moisturizes and nourishes skin.

For longer lasting benefits, this product also contains complex naturally-occurring phospholipid "capsules" from safflower plants. As these capsules break open, they provide lasting delivery of natural oils.



01

A CONVENIENT WAY TO MAINTAIN MOISTURE

- + HydraGuard® contains a 24% silicone blend to help reduce moisture loss. It also offers operational advantages because it can be left at bedside and applied by CNAs.

01

HYDRAGUARD® SKIN CREAM

CREATES A BREATHABLE FILM TO MOISTURIZE, NOURISH & RESIST MOISTURE LOSS.

> 24% silicone blend helps resist moisture loss

Appropriate for perineal care since it forms a breathable film over skin

Improves the appearance of dry, itchy skin while providing moisturization

Rich in oleosomes: naturally encapsulated safflower oils that release their natural oils over time

Cosmetic formulation allows it to be applied by CNAs and placed bedside

Nourishes skin with the proprietary Phytoplex blend of botanicals

Hypoallergenic, non-irritating, non-sensitizing, pediatrician and dermatologist tested



SCENTED INGREDIENTS:

Water, Cyclopentasiloxane, Divinyldimethicone/Dimethicone Copolymer, Dimethicone, Dimethiconol, PEG/PPG-18/18 Dimethicone, Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone, Propanediol, Sodium Chloride, Dimethicone Crosspolymer, Carthamus Tinctorius (Safflower) Oleosomes, Borago Officinalis Seed Oil, Brassica Campestris (Rapeseed) Sterols, Aphanizomenon Flos-Aquae (Algae Extract), Camellia Sinensis (Green Tea) Leaf Extract, Eugenia Caryophyllus (Clove) Flower Extract, Hydrolyzed Soy Protein, Yeast Ferment Extract, Zea Mays (Corn) Oil, Cetylhydroxyproline Palmitamide, Bisabolol, Stearic Acid, Tocopheryl Acetate, Sodium Hyaluronate, Caprylic/Capric Triglyceride, C12-13 Pareth-3, C12-13 Pareth-23, Dipotassium Glycyrrhizate, Hexyldecanol, Glycerin, Phospholipids, 7-Dehydrocholesterol, Phenoxyethanol, Vanilla Planifolia Fruit Extract, Isopropyl Myristate, Ethylene Brassylate, Methylidihydrojasmonate

Add H to the end of the item numbers to order by the each

UNSCENTED INGREDIENTS:

Water, Cyclopentasiloxane, Divinyldimethicone/Dimethicone Copolymer, Dimethicone, Dimethiconol, PEG/PPG-18/18 Dimethicone, Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone, Propanediol, Sodium Chloride, Dimethicone Crosspolymer, Carthamus Tinctorius (Safflower) Oleosomes, Borago Officinalis Seed Oil, Brassica Campestris (Rapeseed) Sterols, Aphanizomenon Flos-Aquae (Algae Extract), Camellia Sinensis (Green Tea) Leaf Extract, Eugenia Caryophyllus (Clove) Flower Extract, Hydrolyzed Soy Protein, Yeast Ferment Extract, Zea Mays (Corn) Oil, Cetylhydroxyproline Palmitamide, Bisabolol, Stearic Acid, Tocopheryl Acetate, Sodium Hyaluronate, Caprylic/Capric Triglyceride, C12-13 Pareth-3, C12-13 Pareth-23, Dipotassium Glycyrrhizate, Hexyldecanol, Glycerin, Phospholipids, 7-Dehydrocholesterol, Phenoxyethanol

▶ ALSO AVAILABLE IN SINGLE USE PACKETS

MSC092534PACK
0.13 fl oz (4 mL)
144/gr



Gentle enough for use on the most fragile skin, suitable for diabetics and geriatrics

24% SILICONE BLEND

MSC092532
2 fl oz (59 mL)
24/cs

UNSCENTED
MSC092532UNSC
2 fl oz (59 mL)
24/cs

MSC092534
4 fl oz (118 mL)
12/cs

UNSCENTED
MSC092534UNSC
4 fl oz (118 mL)
12/cs



PROTECT.



The Science

+ Nature of Protecting

Medline Remedy Phytoplex Z-Guard® skin protectant is particularly useful in treating and preventing diaper rash caused by wetness, urine and/or stool. It uses zinc oxide and a high concentration of white petrolatum (57%) to guard skin from these and other environmental irritants. Because of petrolatum's high insolubility in water, it is not easily washed away, maintaining its protective properties to allow skin to heal and regain a healthy moisture balance. The addition of zinc oxide provides additional benefits for compromised or irritated skin.²⁴

Z-Guard is also used for temporary protection of minor cuts and burns, as well as cracked skin.

01

THE PROTECTIVE PROPERTIES OF PETROLATUM

- + The attributes of petrolatum make it a valuable ingredient in quality skincare products like Medline Remedy Phytoplex Z-Guard Skin Protectant Paste. Petrolatum is insoluble in water and sticks to even macerated skin. That's why it's particularly good at providing moisture protection in cases of incontinence.



01

Z-GUARD® SKIN PROTECTANT PASTE

CREATING A SUBSTANTIAL LAYER OF NOURISHING PROTECTION

> White petrolatum-based formulation seals out wetness on intact, irritated or denuded skin

Enhanced with zinc oxide, allantoin, natural oils and Phytoplex

No menthol which may cause a burning sensation on sensitive skin

Ideal for all ages

Protects minor skin irritation associated with diaper rash

Temporarily protects and helps relieve chapped or cracked skin, minor cuts, scrapes and burns

Hypoallergenic, non-irritating, non-sensitizing pediatrician and dermatologist tested



ACTIVE INGREDIENTS:

White Petrolatum 57%
Zinc Oxide 17%

INACTIVE INGREDIENTS:

Allantoin, Aluminum Starch Octenylsuccinate, Aphanizomenon Flos-Aquae (Algae) Extract, Beeswax, Calophyllum Tacamahaca Seed Oil, Camellia Sinensis (Green Tea) Extract, Cocos Nucifera (Coconut) Oil, Dimethicone, Ethylene Brassylate, Eugenia Caryophyllus (Clove) Flower Extract, Glycine Soja (Soybean) Oil, Isopropyl Myristate, Methylhydrojasmonate, Olea Europaea (Olive) Fruit Oil, Phospholipids, Theobroma Cacao (Cocoa) Seed Butter, Tocophersolan, Tocopheryl Acetate, Vanilla Planifolia Fruit Extract

Add H to the end of the item numbers to order by the each

17% ZINC OXIDE



57%

white petrolatum

ZINC OXIDE 2000 YEARS OF SKIN BENEFITS

Ancient Indian and Greek texts suggest that some form of zinc oxide was used in medicinal salves for a variety of skin conditions. By chance, they had stumbled on a substance that was highly insoluble in water and could be beneficial to skin compromised by internal or external factors. Today, high quality, refined zinc oxide is used to provide these benefits to many skincare products, including Phytoplex Z-Guard protectant paste.²⁴

▶ ALSO AVAILABLE IN SINGLE USE PACKETS

MSC092544PACK
0.13 oz (4 g)
144/gr

MSC092542
2 oz (57 g)
24/cs

MSC092544
4 oz (113 g)
12/cs



TREAT.



The Science + Nature of Treating



For treatment of superficial topical mycoses, or skin infections caused by fungal organisms, Medline Remedy Phytoplex Antifungal clear ointment and powder both use miconazole nitrate 2.0%. It works by disrupting the organism's membrane structure and function to inhibit fungal growth.²⁵

Phytoplex Antifungal Treatment products are not only designed to treat common fungal infections, they provide the benefits of Phytoplex botanicals as well.

01

ANTIFUNGAL TREATMENT

- + Miconazole Nitrate is an ingredient with proven efficacy for treating ringworm (tinea corporis), athlete's foot (tinea pedis) and jock itch (tinea cruris), as well as superficial skin infections caused by yeast (*Candida albicans*).



01

ANTIFUNGAL OINTMENT & POWDER

PROVIDING TREATMENT & RELIEF FOR COMMON FUNGAL INFECTIONS

> Helps relieve itching, cracking, scaling and discomfort associated with most common superficial fungal infections

Relieves burning, redness, soreness, irritation, and chafing associated with jock itch

Ointment uses petrolatum base with carboxymethyl cellulose (CMC) to help adhere to wet or damp skin

Powder form is talc-free and stays in place for extended periods of time. Recommended for skin folds and feet

Ideal for children over 2 years to geriatrics

Hypoallergenic, non-irritating, non-sensitizing, pediatrician and dermatologist tested



ANTIFUNGAL OINTMENT

ACTIVE INGREDIENT:

Miconazole Nitrate 2%

INACTIVE INGREDIENTS:

Aphanizomenon Flos-Aquae (Algae) Extract, Camellia Sinensis (Green Tea) Extract, Carboxymethyl Cellulose, Carthamus Tinctorius (Safflower) Seed Oil, Dimethicone, Eugenia Caryophyllus (Clove) Flower Extract, Glycine Soja (Soybean) Oil, Olea Europaea Fruit (Olive) Oil, Petrolatum, Zea Mays (Corn) Oil

Add H to the end of the item numbers to order by the each

MICONAZOLE NITRATE 2%

ANTIFUNGAL POWDER

ACTIVE INGREDIENT:

Miconazole Nitrate 2%

INACTIVE INGREDIENTS:

Aphanizomenon Flos-Algae Extract, Camellia Sinensis (Green Tea) Leaf Extract, Caprylic/Capric Triglyceride, 7-Dehydrocholesterol, Dipotassium Glycyrrhizate, Ethylene Brassylate, Eugenia Caryophyllus (Clove) Flower Extract, Glycerin, Hydrolyzed Soy Protein, Isopropyl Myristate, Methylidihydrojasminate, Phospholipids, Silica, Sodium Benzoate, Tapioca Starch, Tocopheryl Acetate, Vanilla Planifolia Fruit Extract, Water, Yeast Ferment Extract, Zea Mays (Corn) Starch, Zea Mays (Corn) Oil



Treats most common superficial fungal infections including:

- ATHLETE'S FOOT
- JOCK ITCH
- RINGWORM
- SUPERFICIAL SKIN INFECTIONS CAUSED BY YEAST

MSC092603
3 oz (85 g)
12/cs

MSC092625
2.5 oz (71 g)
12/cs



▶ ALSO AVAILABLE IN SINGLE USE PACKETS

MSC092625PACK
0.13 oz (4 g)
144/gr

THE SCIENCE.

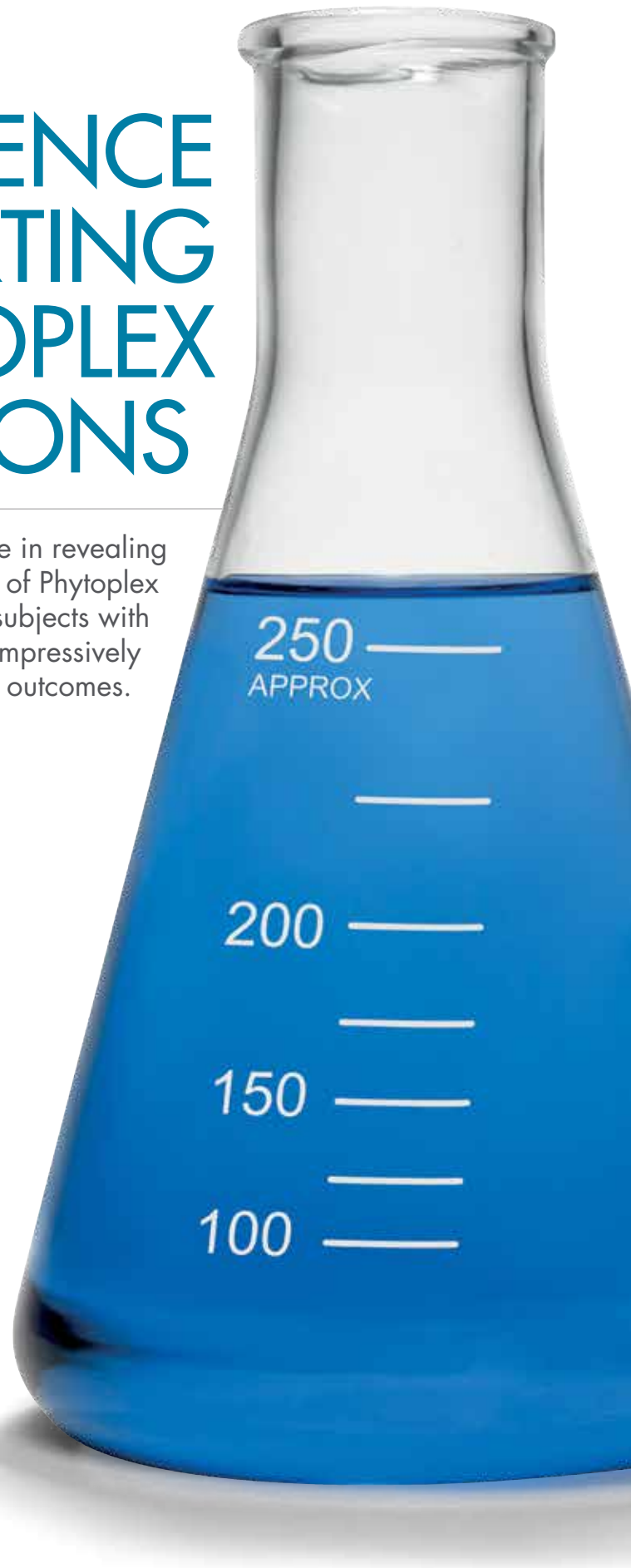


THE SCIENCE SUPPORTING PHYTOPLEX FORMULATIONS

Case studies have only scratched the surface in revealing the beneficial results derived with a regimen of Phytoplex products. Thus far, our initial investigations on subjects with sensitive skin issues have already revealed impressively positive outcomes.



Medline Remedy Phytoplex provided higher degrees of skin moisturization compared to similar products



1 A LABORATORY COMPARISON OF MOISTURIZATION

Objective:
Measure performance of comparable regimens of cleansers and moisturizers.

Results:
A regimen of Phytoplex cleansers and moisturizers produced higher, statistically significant, levels of moisturization (as measured by skin capacitance) compared to competitive regimens. The results and product combinations are shown below.

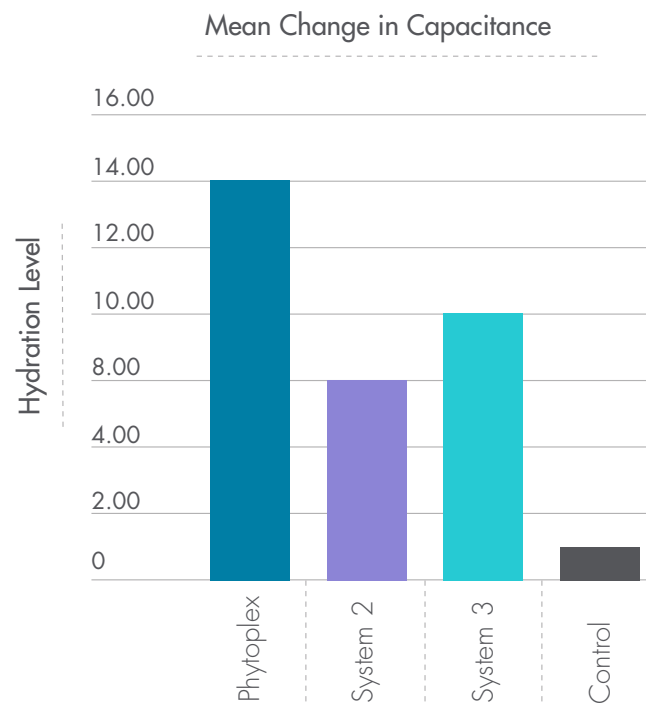


PHYTOPLEX
(Phytoplex Hydrating Shampoo and Body Wash, Phytoplex Nourishing Skin Cream)

SYSTEM 2
(Convatec® Aloe Vesta® 2-N-1 Body Wash And Shampoo, Aloe Vesta Skin Conditioner)

SYSTEM 3
(Coloplast® Gentle Rain® Extra Mild Moisturizing Body Wash with Coloplast Moisture Barrier Cream)

+
The Phytoplex combination of a sulfate-free cleanser with a moisturizer led to significantly higher hydration levels of the skin as measured by capacitance.



2 TESTED FOR GENTLENESS IN ADULTS*

In a series of repeat insult patch testing (RIPT) on 50 adults for 10-14 days, a regimen of Phytoplex Hydrating Foam Cleanser, Phytoplex Nourishing Skin Cream and Phytoplex HydraGuard Skin Cream elicited no adverse skin reactions.

3 TESTED FOR GENTLENESS IN CHILDREN*

A pediatric population was exposed to Phytoplex Hydrating Cleansing Foam and Phytoplex Nourishing Skin Cream daily for 4 weeks. It demonstrated no potential to elicit dermal irritation on arms, legs, torso or back on 35 subjects and no clinically significant evidence of increases in erythema, edema or dryness was observed after two and four weeks.



* Data on file, available on request

01 CASE STUDY

The use of a tropical hypoallergenic skin protectant* in the management of acute eczema in patients with venous leg ulcers

INTRODUCTION

Skin protectants are often used to moisturize the dry skin of venous ulcer patients. Acute eczema (a dermatological condition associated with venous hypertension) can be exacerbated by using ointments formulated with potential irritants. The product evaluated in this small case study is formulated to be gentle and non-irritating upon application.

OBJECTIVES

To evaluate the use of a topical hypoallergenic skin protective ointment in the skin care management of patients with venous insufficiency.

METHODS

A convenience sample of a group of four patients (each being treated with multilayer compression related to venous leg ulcers) was treated with a topical hypoallergenic skin protectant ointment*. Data on the condition

of the skin as well as measurements of periwound maceration based on a scale adapted from previous publications was gathered for the overall evaluation of the skin tissue.

RESULTS

In this small, single arm, non-controlled study, the use of a topical hypoallergenic protective ointment on four venous etiology patients did not exacerbate symptoms associated with acute venous eczema, namely redness, itching, burning, or excoriation.

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*Data on file,
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* Medline Remedy® with Phytoplex® Z-Guard®. Medline Remedy, Phytoplex and Z-Guard are registered trademarks of Medline Industries, Inc.

** Type 1 compression, Profore®. Profore is a registered trademark of Smith & Nephew Ltd Corporation.

TABLE 1

Date	Periwound Condition	Product Used	Compression	Wound Size
Patient 1 A 63 y/o male with venous disease and lymphedema, presented with a VLU to the right lateral leg; prior to treatment included zinc barrier cream.				
8-26-13	Erythema	Zinc based Cream	Type 1**	9.0 x 3 x 0.1
8-29-13	Erythema	RPZG	Type 1	6.0 x 6.0 x 0.1
9-3-13	No Erythema	RPZG	Type 1	4.0 x 3.5 x 0.1
9-9-13	No Erythema	RPZG	Type 1	Not Measured
Patient 2 A 61 y/o male initially presents with VLU on the right lower leg.				
10-26-13	Erythema	RPZG	Type 1**	2.2 x 1.4 x 0.1
10-10-13	No Erythema	RPZG	Type 1**	Not Measured
10-17-13	No Erythema	RPZG	Type 1**	1.0 x 0.5 x 0.1
Patient 3 A 68 y/o male initially presents with VLU on the left lateral ankle.				
7-19-13	Erythema	RPZG	Type 1**	7.1 x 7.0 x 0.2
7-26-13	Erythema	RPZG	Type 1**	7.4 x 6.5 x 0.2
8-9-13	No Erythema	RPZG	Type 1**	7.0 x 5.4 x 0.2
Patient 4 A 68 y/o male initially presents with Lymphedema and a VLU on the right lower extremity.				
8-2-13	Erythema and Excoriation	RPZG	Type 1**	No Wound Per Se
9-16-13	Erythema and Excoriation	RPZG	Type 1**	No Wound Per Se

PATIENT 4

Before - 8-22-13



Photo 1: Patient 4

After - 9-16-13



Photo 2: Patient 4

02 CASE STUDY

The use of a micronutrient containing skin care regimen in managing periwound skin condition seen in a wound center population

INTRODUCTION

The health of periwound skin is intimately connected with the healing of the wound and the general health of the patient. Tenderness, pain, and burning in the periwound with visible erythema and either weeping or dry/scaly skin is common. Damaged periwound skin may also provide a locus for new areas of ulcer formation.

OBJECTIVES

This sample study sought to evaluate the effects of a new cleanser and skin protectant barrier on skin with poor health around venous ulcers.

METHODS

A convenience sample of twelve patients was used to measure changes in skin condition during skin management with a cleansing spray⁽¹⁾ followed by a skin protectant paste⁽²⁾. Each of these patients had periwound skin that was in poor health. The

periwound area was cleansed and barrier was applied on the skin ("The Periwound Protocol") before compression treatment during each visit to the wound center. The skin protectant contains white petrolatum and zinc oxide as active ingredients.

Skin health was monitored via photography and via patient records.

DISCUSSION

In each patient, improvement in skin condition was seen in the first week of the study. Further comparative studies are warranted.

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* Data on file,
available on request

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JC is a 48 y/o male who presents with a history of stasis ulceration and venous stasis dermatitis. The wound was treated with antimicrobial dressings and compression and the periwound protocol was initiated.

MN is an 84 y/o female with history of venous stasis dermatitis and venous ulceration. The wound was treated with collagen and compression, the periwound protocol was initiated.

RI is a 75 y/o female with history of venous stasis dermatitis, and mild periwound cellulitis with edema. Her periwound was treated with the periwound protocol and the wound was treated with antimicrobial silver dressings with compression.

CP is an 80 y/o female with a history of venous insufficiency, presents with chronic ulcers which were biopsied and found to have no evidence of malignancy. She was treated with the periwound protocol, wound care dressings and with mild compression.

AC is a 53 y/o male with a history of venous insufficiency and stasis ulcer of the left lower extremity. The periwound skin was treated with cleanser, zinc oxide ointment. The ulcer itself was treated with collagen and compression garments.

CB is a 65 y/o male with a history of pseudo Kaposi's Sarcoma who presented on 3/5/12. He was treated with collagen to the wound bed and the periwound protocol as well as compression.



BF is a 54 y/o female with venous insufficiency who was recently hospitalized with cellulitis and a venous stasis ulcer. She was treated with the periwound protocol, standard wound dressings and compression.

EN is an 82 y/o female with a history of venous insufficiency and peripheral arterial disease presented with a posterior stasis wound with heavy exudate. It was initially treated with the periwound protocol, which resolved the denuded area. However, due to the extremely heavy exudate the posterior tissue remained denuded until better exudate control dressings were used.

SV is a 61 y/o female with a history of diabetes, coronary arterial disease, venous insufficiency who presents with multiple wounds to bilateral lower extremities Coumadin levels required hospitalization to regulate. She was treated with the periwound protocol. The ulcers were covered with basic wound care and compression.

CE is an 84 y/o female with a history of chronic venous insufficiency and sensitive skin. After other periwound treatments failed, the periwound protocol was initiated; standard wound care and compression provided. Additionally, patient underwent endovenous ligation.



AM is a 67 y/o female who was hospitalized with cellulitis to the right lower extremity from a traumatic wound. Past medical history includes obesity and venous insufficiency. The wound was highly exudative and treated with advanced wound dressings. The periwound was treated with standard protocol.

03 CASE STUDY

The use of a micronutrient containing moisturizing lotion to promote skin health in patients undergoing radiation treatment for breast cancer

INTRODUCTION

Radiation therapy used to kill malignant cells as part of an overall treatment of breast cancer may often damage healthy tissue, including skin. In some patients, skin damage may escalate from dry, to moist desquamation and eventually to ulceration with tissue necrosis. Over the days and weeks of radiation therapy, it is not unusual for treatment to be interrupted due to skin damage. Some evidence-based product therapies, for example, those based on hyaluronic acid, do exist for prophylaxis, but these are expensive and not always affordable by the patients in some facilities

OBJECTIVE

Identify the potential benefits of a micronutrient based moisturizing lotion to moisturize dry skin during a course of high energy radiation treatments.

METHODOLOGY

A case study was created using five breast cancer patients undergoing radiation therapy. The patients were provided with instructions to apply the skincare product in the morning, afternoon and evening during the course of radiation therapy. The patients came in for radiation on weekdays only per standard protocol. The second application of the skincare product was performed by the radiation technologist post radiation. Patients were told to shower just prior to radiation to eliminate skincare product from skin at the radiation site. No soap was used. The radiation technologist monitored skin condition daily during therapy and, with the radiation oncologist, determined whether treatment needed to be interrupted.

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CWOON

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* Data on file,
available on request

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Product R = RadiaPlex® is a registered trademark of MPM Medical Inc. is a wholly owned subsidiary of RBC Life Sciences, Inc.

Product A = Aquafor is a registered trademark of Beiersdorf Aktiengesellschaft Corporation

TABLE 1

Initials	Age	Race	Product Used	# of tx	# of days	Skin Reactions	Interruptions
PB	76	W	Product E	33	39	Erythema "cream" ordered	N
YR	55	W	Product R	33	48	Redness	N
JL	58	W	Product E	33	43	Erythema	N
SK	55	W	Product E	33	53	Mild erythema	N
DK	78	W	Product E	33	45	Erythema	Y
NN	65	W	Product E	33	54	Erythema and tenderness	N
DH	62	W	Product A	33	47	Severe erythema	Y
DC	58	W	Product E	33	56	Severe erythema	Y
CB	72	W	Product E	31	54	Severe erythema	Y
DS	49	H	Product E	33	42	Severe erythema	Y
POST			POST				
PM	61	W	Micronutrient	30	50	"Brisk skin reaction"	N
NK	66	A/In	Micronutrient	33	52	Edema	N
NS	56	H	Micronutrient			"Brisk skin reaction"	N
MB	54	H	Micronutrient	33	48	"Brisk skin reaction"	N
ML	61	A	Micronutrient	16	21	None	N

Comments

Stopped treatments 5 days early due to skin reactions

15 days rest

Stopped treatments with 2 remaining

15 days rest

RESULTS

From this sample, no treatments were interrupted due to skin problems during the use of the micronutrient based moisturizing lotion.

Typical Pictures of Skin Inflammation



PRODUCT	DESCRIPTION	Normal Intact Skin	Moderate to Severely Dry Skin	Incontinence Associated Dermatitis	Denuded Skin	Macerated Wet Skin	Common Fungal
 HYDRATING CLEANSING GEL	▶ Low sudsing shampoo & body wash for use in the shower or at bedside as a no-rinse with wash basin	●	●	●	●	●	●
 HYDRATING CLEANSING SPRAY	▶ No-rinse spray cleanser for no-rinse application on hair, face and entire body	●	●	●	●	●	●
 HYDRATING CLEANSING FOAM	▶ No-rinse foaming cleanser for use on the hair, face and entire body	●	●	●	●	●	●
 NOURISHING SKIN CREAM	▶ Soothing moisturizer helps restore skin's natural moisture balance and barrier properties	●	●				
 LIP BALM	▶ Natural lip moisturizer that soothes	●	●				
 HYDRAGUARD® SKIN CREAM	▶ Silicone-rich formulation that provides a smooth, breathable film that moisturizes and nourishes	●	●	●			
 Z-GUARD® SKIN PROTECTANT PASTE	▶ Helps relieve symptoms associated with diaper rash and helps seal out wetness		●	●	●	●	
 ANTIFUNGAL CLEAR OINTMENT & POWDER	▶ Effective topical treatments for common fungal infections						●

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