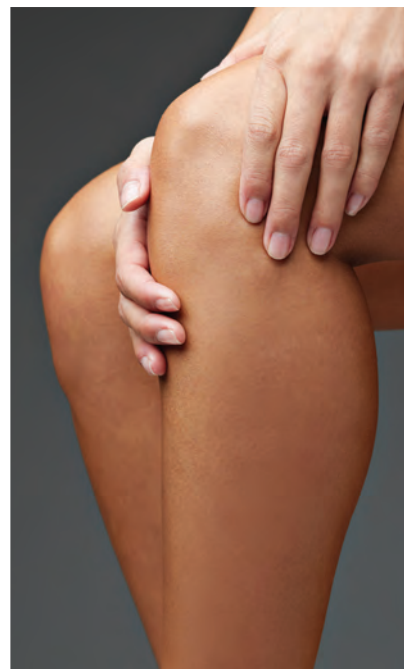




THE REMEDY  
SKIN DESERVES





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# THE CHALLENGES OF SKINCARE

Skin is our largest organ, a remarkably complex, durable and self-sustaining system. Like every part of the human body, skin often faces considerable health challenges due to a variety of internal and external factors, such as:

## EXTERNAL

- > Incontinence
- > Contact irritants
- > Radiation therapy
- > Physical stress
- > Environmental

## INTERNAL

- > Poor diet or obesity
- > Aging with slow cell replication
- > Increased proteolysis
- > Hormonal changes
- > Disease & medications

# INSIGHTS FOR IMPROVING SKINCARE

The goal of Medline Remedy® is to provide not just products, but the insight and education caregivers need to provide consistent, high level care.

## KEY ISSUES

- > Nearly 50% of nurses want more skin and wound care education
- > Over 40% of nurses don't feel they have access to products that help prevent skin breakdown\*



## WHAT NURSES ARE LOOKING FOR

A survey of 750 clinicians nationwide\*\* reveals the importance of product selection and its impact on outcomes.

99%

Believe the ingredients in a skincare product can impact clinical outcomes

90%

Prefer to use products for patient care that are paraben free, sulfate free & dye free

96%

Agree the quality of a skincare product affects patient satisfaction

86%

Agree high acuity patients need higher performing skincare products

# SOLUTIONS THAT MAKE A DIFFERENCE

Medline Remedy® offers an unwavering commitment to raising the standards of skincare for patients, caregivers and facilities. This success is the result of an integrated approach focused on achieving consistent, high-level care.



## Quality Ingredients

Each formula contains a unique combination of the highest quality ingredients continuously analyzed and refined by leading skincare specialists to provide the finest care for specific skin needs.

## Intuitive Design

A simple, caregiver-centric approach uses logical, color-coded graphics to make it easier to plan and carry out consistent product usage and procedures for all types of skin issues in many different types of facilities.

## Better Clinical & Financial Outcomes

Combining exceptional products with detailed facility assessments and caregiver education allows Remedy to provide highly customized solutions for improved outcomes across the continuum of care.

# THE SYSTEM FOR EVERY DAY AND EVERY ACUITY LEVEL

Medline Remedy has developed 3 product lines, all color-coded to provide a systematic approach for optimal care at every level of acuity.





Phytoplex®

# SCIENCE & NATURE

The Medline Remedy® Phytoplex® line combines the most advanced skincare science with some of the gentlest, most beneficial botanicals nature provides. Each product is fortified with a proprietary blend of ingredients designed to soothe and nourish skin, provide and retain moisture, and care for the most sensitive skin.



blue-green algae



clove flower



green tea

## RICH BOTANICALS

- + HYDROLYZED SOY PROTEIN, YEAST EXTRACT, VITAMIN D

Humectants derived from nature to moisturize skin.<sup>3,4,5,6,7</sup>

- + GREEN TEA & CLOVE FLOWER EXTRACT

Ingredients naturally high in antioxidants to soothe and comfort skin.

- + BLUE GREEN ALGAE

Soothes and refreshes with vital nutrients including proteins, vitamins & antioxidants.<sup>1,2</sup>

soy beans



## WHAT'S NOT IN PHYTOPLEX?



Aloe



Parabens



Phthalates



Sulfates



Dyes



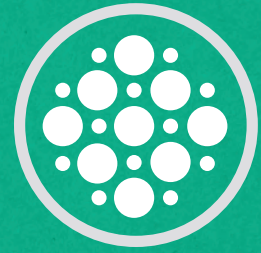
Chemical Fragrances

Phytoplex products do not contain many commonly used ingredients that contain a level of risk for adverse skin reactions.

# THE GENTLEST OF CLEANSERS

Cleansing sensitive, fragile, erythematous or dry skin is very challenging.<sup>8,9</sup> The full line of Medline Remedy® Phytoplex® cleansers provide gentle, yet effective, alternatives to meet the demands of skin.

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



## CLEANSE WITHOUT HARSH SULFATES

+ Phytoplex formulas are mild, pH-balanced and tear-free to ensure patients won't feel the sting of sulfate-based shampoos and soaps in their eyes or on skin. These cleansers are also designed to be easily removed even when hard water is present.



## CONDITION SKIN WITH SOOTHING BOTANICALS

+ Phytoplex skin cleansers not only clean gently and effectively, they nourish and condition the skin without occluding it.

## GENTLE PHOSPHOLIPIDS REMOVE DIRT AND OILS, NOT MOISTURE

+ Phospholipids' unique hydrophilic/oleophilic molecular structure helps lift away dirt and oils without stripping away needed moisture.<sup>10</sup>

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



# CLEANSING GEL

## HYDRATING SHAMPOO & BODY WASH

### SHAMPOO & BODY WASH FOR SHOWER OR BEDSIDE

> Gently cleanses and conditions both skin and hair

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

Ideal for all ages

Contains natural emollients and a touch of dimethicone to moisturize skin

One 4 ounce bottle makes 3.78 liters of no-rinse cleaning solution

Contains beneficial blend of proprietary Phytoplex botanicals

CHG compatible, tear-free, hypoallergenic, non-irritating, non-sensitizing and pediatrician tested



### GENTLE AND NON-IRRITATING

Good for use on intact, irritated skin

DISPENSER BAG AVAILABLE IN SCENTED

MSC092034  
1000 mL (33.8 fl oz)  
8/cs

MSC092002  
59 mL (2 fl oz)  
96/cs

UNSCENTED  
CAN092002UNSC  
59 mL (2 fl oz)  
96/cs

MSC092004  
118 mL (4 fl oz)  
48/cs

UNSCENTED  
CAN092004UNSC  
118 mL (4 fl oz)  
48/cs

MSC092008  
236 mL (8 fl oz)  
12/cs

MSC092016  
472 mL (16 fl oz)  
12/cs

UNSCENTED  
CAN092016UNSC  
472 mL (16 fl oz)  
12/cs



Dispenser available in Black (REMPUSHBLAC) or White (REMPUSHGRAY).

# NO-RINSE CLEANSERS

## NO-RINSE FOAM & HYDRATING SPRAY

### CLEANSERS FOR HAIR, FACE & BODY

> Gentle care for patients requiring frequent cleansings

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

Soothing moisture support for dry, irritated skin

Sulfate-free, pH balanced

Ideal for all ages

CHG compatible, tear-free, hypoallergenic, non-irritating, non-sensitizing and pediatrician tested



◀ Cleansing foam clings where it's applied

◀ Spray cleanser allows uniform coverage for larger areas of skin

MSC092308  
236 mL (8 fl oz)  
12/cs

MSC092204  
118 mL (4 fl oz)  
24/cs

MSC092208  
236 mL (8 fl oz)  
12/cs

MSC092104  
118 mL (4 fl oz)  
24/cs

UNSCENTED  
CAN092108UNSC  
236 mL (8 fl oz)  
12/cs

UNSCENTED  
MSC092104UNSC  
118 mL (4 fl oz)  
24/cs

SPRAY LOTION  
Not for use on hair  
not tear-free



# MOISTURE THAT NOURISHES

For all types of sensitive skin, Remedy Phytoplex<sup>®</sup> Nourishing Skin Cream provides hydration and nourishment, while helping promote skin's natural defenses.

The proprietary Phytoplex blend is rich in botanically-derived antioxidants to soothe and comfort irritated skin.



## MAINTAINING MOISTURE & NATURAL OILS

+ Remedy Phytoplex Moisturizers contain the proprietary blend of botanicals that work to condition skin and help maintain a healthy moisture balance.

## PROTECTING FROM TRANS-EPIDERMAL WATER LOSS

+ Compromised skin allows for greater water loss from damaged or irritated areas. This transepidermal water loss (TEWL) increases risk of further skin breakdown.



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

## REPLACING MOISTURE LOST WITH AGE

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

Without proper moisturization as part of a daily skin care regimen, these relatively minor issues may escalate into more serious skin conditions.<sup>10</sup>

## SAFFLOWER OLEOSOMES

These small naturally derived tiny oil packets are contained in a phospholipid "shell" for extended release of natural oils and distribution of other ingredients in the formulation.<sup>14</sup>



# MOISTURIZER

## NOURISHING SKIN CREAM

### SUPPORTS SKIN'S MOISTURIZATION 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, CHG compatible, pediatrician and dermatologist tested



### MOISTURE & SKIN HEALTH

One of the most obvious changes to aging or damaged skin is an inability to retain hydration and moisture. This skin cream is rich in Phytoplex botanicals to help hydrate, distribute and protect moisture, and promote a healthy moisture balance.

MSC092402PACK  
4 mL (0.13 fl oz)  
144/gr



MSC0924002  
59 mL (2 fl oz)  
24/cs

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

UNSCENTED  
CAN0924002UNS  
59 mL (2 fl oz)  
24/cs



MSC0924004  
118 mL (4 fl oz)  
12/cs

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

UNSCENTED  
CAN0924004UNS  
118 mL (4 fl oz)  
12/cs



MSC092408  
236 mL (8 fl oz)  
24/cs



MSC092416  
472 mL (16 fl oz)  
12/cs



MSC092432  
946 mL (32 fl oz)  
12/cs



UNSCENTED  
MSC092432UNSC  
946 mL (32 fl oz)  
12/cs

DISPENSER BAGS AVAILABLE IN SCENTED AND UNSCENTED

MSC092434  
1000 mL (33.8 fl oz)  
8/cs

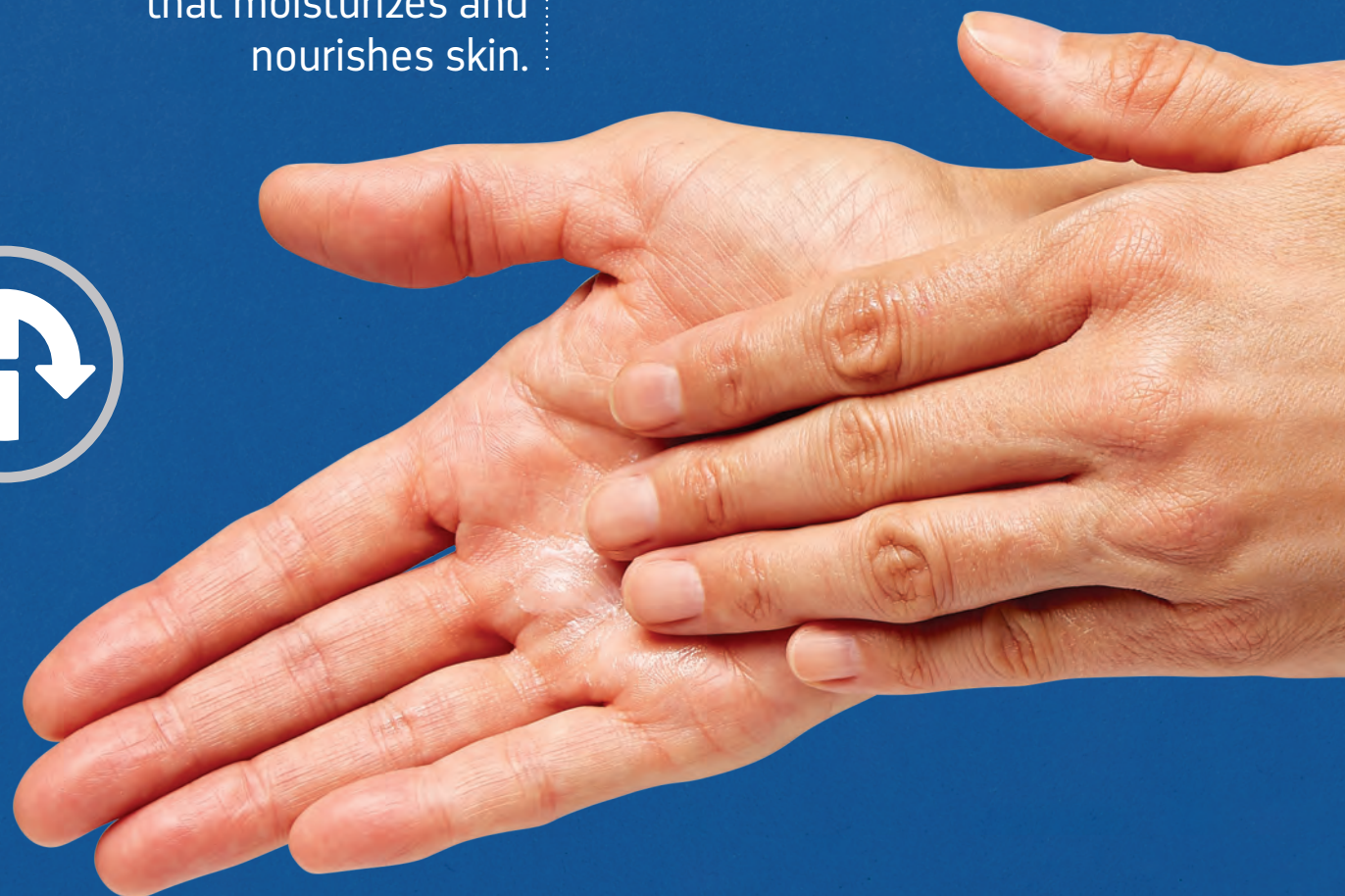
UNSCENTED  
MSC092434UNSC  
1000 mL (33.8 fl oz)  
8/cs

Dispenser available in Black (REMPUSHBLAC) or White (REMPUSHGRAY).

# BARRIERS WITH ADDED BENEFITS

Medline Remedy® Phytoplex® Hydraguard® is not only silicon-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.



## 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.

# 24% SILICONE BLEND

## HYDRAGUARD® SILICONE 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



Gentle enough for use on the most fragile skin

MSC092534PACK  
4 mL (0.13 fl oz)  
144/gr



MSC092532  
59 mL (2 fl oz)  
24/cs

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



MSC092534  
118 mL (4 fl oz)  
12/cs

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





Essentials

# EVERYDAY CARE

For prevention and care of less acute skin issues — including dry, itchy, red or sensitive skin — Remedy Essentials provide an effective, economical line of high quality solutions.



CLEANSE



MOISTURIZE



PROTECT

**MSC09104**  
118 mL (4 fl oz)  
24/cs

**MSC092SBW02**  
59 mL (2 fl oz)  
96/cs

**MSC092MBL02**  
59 mL (2 fl oz)  
96/cs

**MSCCA092ZP04**  
113 g (4 fl oz)  
12/cs

**MSC09108**  
236 mL (8 fl oz)  
12/cs

**MSC092SBW04**  
118 mL (4 fl oz)  
60/cs

**MSC092MBL04**  
118 mL (4 fl oz)  
60/cs

**MSC092SCSW04**  
118 mL (4 fl oz)  
48/cs

**MSC092SBW08**  
236 mL (8 fl oz)  
36/cs

**MSC092MBL08**  
236 mL (8 fl oz)  
36/cs

**MSC092SCSW08**  
236 mL (8 fl oz)  
36/cs

**MSC092SBW128**  
3.78 L (1 gal)  
4/cs

**MSC092LB15**  
4.25 g (0.15 oz)  
36/cs



# PROTECTANTS THAT SOOTHE

Medline Remedy® skin protectant is particularly useful in treating and preventing diaper rash caused by wetness, urine and/or stool. It provides the excellent protective properties of petrolatum and other beneficial ingredients for a targeted course of treatment and prevention that provides optimal results for a variety of needs.

High quality protectants are also used to alleviate the irritation of minor cuts and burns, as well as cracked skin.



## THE PROTECTIVE PROPERTIES OF PETROLATUM

- + The attributes of petrolatum make it a key part of Remedy protectants. Because petrolatum is insoluble in water and sticks to even macerated skin, it's particularly suited for providing moisture protection in cases of incontinence.





# Delicate Care

Compared to healthy adults, pediatric skin is thinner, loses water faster and often exhibits a high level of sensitivity. Remedy Baby products are specially crafted to help manage these important differences.

## Baby Shampoo & Body Wash

- > All over cleansing without drying skin and hair

Tear Free  
pH Balanced  
Hypoallergenic  
Paraben Free  
Dye Free  
Sulfate Free

## Baby Lotion

- > Softens and helps protect babies' sensitive skin from dryness

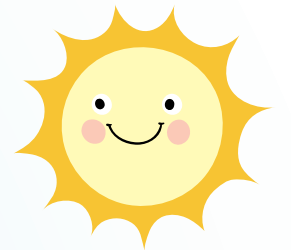
Hypoallergenic  
Paraben Free  
Dye Free

Everyday care that's made for sensitive skin



## PEDIATRICIAN TESTED

- + The sensitive nature of pediatric skin makes meticulous testing of baby products vitally important.



light & fresh,  
clean linen scent  
(also available in unscented)

MSC092FW02  
59 mL (2 fl oz)  
144/cs

UNSCENTED  
MSC092FFW02  
59 mL (2 fl oz)  
144/cs

MSC095007  
59 mL (2 fl oz)  
96/cs

UNSCENTED  
MSC092FFB02  
59 mL (2 fl oz)  
96/cs

MSC095018  
118 mL (4 fl oz)  
60/cs



# THE SCIENCE BEHIND REMEDY SKINCARE

Ongoing research into both products and procedures has placed Remedy at the forefront of caring for skin at risk. This dedication to continuous improvement is designed to improve the quality of skin care at every type of facility.

The following pages show some of the research details and insights from a variety of studies.



# GENTLENESS, FIRST AND FOREMOST

Remedy products are created with strict quality standards to ensure they are well tolerated by specific age groups. To meet the criteria needed for “Non-Sensitizing” and “Pediatric Tested” labeling on Remedy products, testing is conducted as described below.

## TEST ONE

CHILD TESTED\*

A pediatric population is exposed to the product tested for 4 weeks with no fewer than 35 subjects. Each subject is monitored for dermal irritation or clinically significant erythema, edema or dryness at two and four weeks.



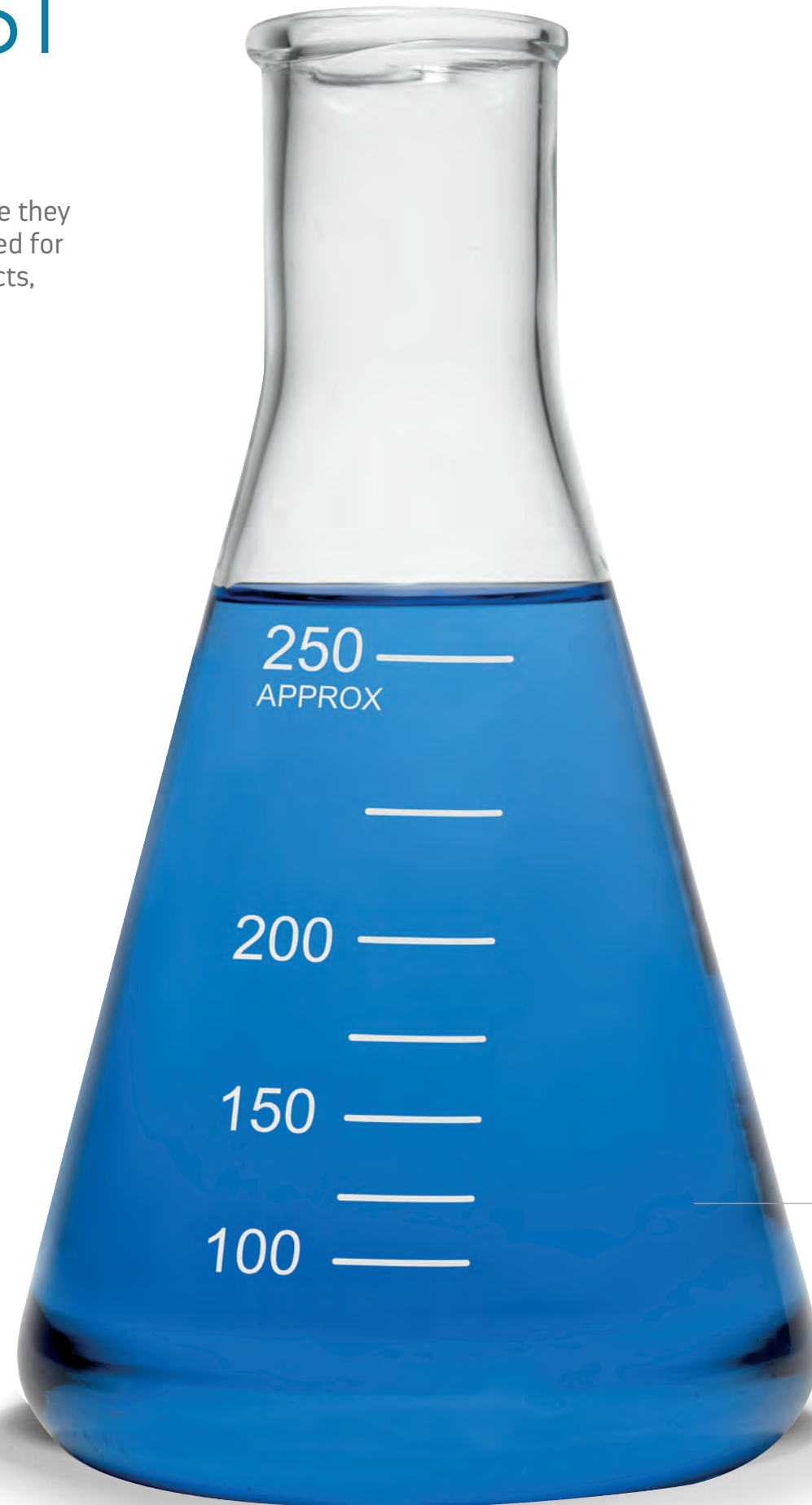
Tested for CHG Compatibility

## TEST TWO

ADULT TESTED\*



Groups of 50 adults are exposed to the tested product via repeat insult patch testing (RIPT) for 14 days. Each subject is monitored for adverse reactions.

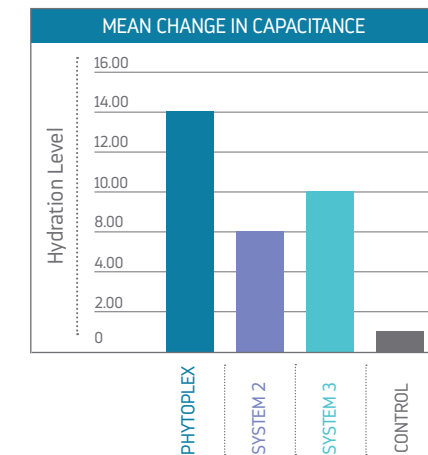


# MOISTURIZATION TESTS

## COMPARISONS OF REGIMENS

### OBJECTIVE:

Measure skin capacitance to determine performance of comparable regimens of cleansers and moisturizers.



**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).

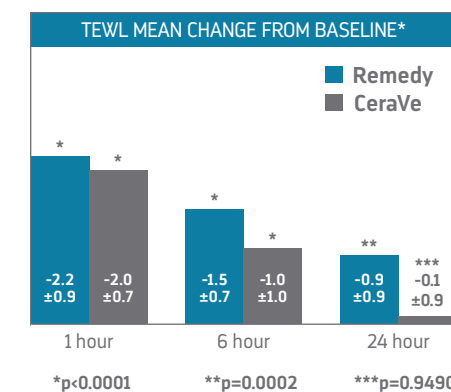
### RESULTS:

A regimen of Phytoplex cleansers and moisturizers produced higher, statistically significant, levels of moisturization (as measured by skin capacitance) compared to competitive regimens.

## TEWL COMPARISON

### OBJECTIVE:

Compare TEWL scores at 1, 6 and 24 hour intervals of Remedy and CeraVe® moisturizers on 20 subjects.



### RESULTS:

Remedy significantly outperformed CeraVe 24 hours after application.

\* Data on file, available on request

# 1

## CASE STUDY

The use of a topical 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 bad 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.

Matt Livingston  
Paradise Valley Hospital,  
Phoenix, AZ

Margaret Falconio-West,  
BSN, RN, APN/CNS, CWOCN, DAPWCA  
Medline Industries, Inc. Northfield, IL

\*Data on file,  
available on request.

### REFERENCES

1. Cameron J. Exudate and care of the peri-wound skin. Nurs Stand 2004;19(7):62-6.
2. Cameron J. Dermatological changes associated with venous ulcers. Wound Essentials 2007; 2:60-6.

\* 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
<b>Patient 1</b> 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
<b>Patient 2</b> 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
<b>Patient 3</b> 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
<b>Patient 4</b> 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 - 8-2-13



After - 9-16-13



# 2

## 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<sup>(1)</sup> followed by a skin protectant paste<sup>(2)</sup>. 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.

Aisa E. Lo, DPM, FACFAS,<sup>1,2</sup>  
Rama Walker, BSN, RN,<sup>2</sup> and  
Debashish Chakravarthy, PhD, FAPWCA<sup>3</sup>

<sup>1</sup>Foot & Ankle Institute, Houston, TX

<sup>2</sup>West Houston Medical Center, Houston, TX

<sup>3</sup>Medline Industries, Inc. Northfield, IL

\*Data on file, available on request.

#### REFERENCES

1. The Moisturizing Ability of Remedy with Phytoplex Cleanser/Moisturizing, data on file.
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3. Visscher M, Davis J, Wickett R. Effect of topical treatments on irritant hand dermatitis in health care workers (HCWs). *Am J Infect Control* 2009 Dec;37(10):842.e1-842.e11.
4. Shannon RJ, Coombs M, Chakravarthy, D. Reducing hospital-acquired pressure ulcers with a silicone-based dermal nourishing emollient-associated skincare regimen. *Adv Skin Wound Care* 2009; 22:461-7.
5. Shannon RJ, Chakravarthy D, Fleck C, Groom M: An evaluation of the costs and effects of a nutrient-based skin care program for prevention of skin tears in an extended convalescent center. *J Wound Ostomy and Continence Nursing*, 2010;37 (1):36-51.
6. Hunter SM, Langemo D, Thompson P, Hanson D, Anderson J, Oh IE, Paulson R, Rustvang D, Dorman S, Roth DL. Observations of Periwound Skin Protection in Venous Ulcers: A Comparison of Treatments. *ADV SKIN WOUND CARE* 2013;26:62-66.

Medline Remedy® with Phytoplex® Hydrating Spray Cleanser and Z-Guard® Skin Protectant Paste. Medline Remedy, Phytoplex and Z-Guard are registered trademarks of Medline Industries, Inc. Northfield, IL.

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.

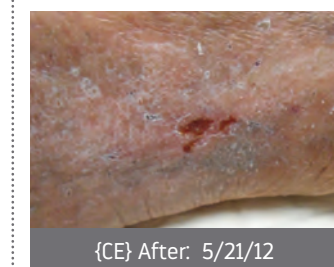
CB is a 65 y/o male with a history of pseudo Kaposi's Sarcoma who presented on 3/5/12. He was treated with collagen to the wound bed and the periwound protocol as well as compression.



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.

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.



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.

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.

# 3 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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\*Data on file,  
available on request.

## REFERENCES

1. Pinnix C; Perkins GH; Strom EA; Tereffe W; Woodward W; Oh JL; Arriaga L. et al. Topical hyaluronic acid vs standard of care for their prevention of radiation dermatitis after adjuvant radiotherapy for breast cancer: Single-blind randomized phase 111 clinical trial. International Journal of Radiation Oncology 83(4) 1089-94 2011.

2. Wickline MM; Prevention and treatment of acute radiation dermatitis: A literature review. Oncology Nursing Forum 2004 31 (2) 237-47.

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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



# 4 CASE STUDY

## A survey examining the effects of a comprehensive, unified selection of skincare products

### INTRODUCTION

A major hospital system was using 13 different products from a range of vendors to facilitate prevention of skin infections and breakdown. The system initiated a quality improvement project in nine nursing units across six of their hospitals. Two vendors supplied unified skincare lines for use in the study.

the survey and studying cost implications, the hospital group decided to switch to Product Line A, comprised of a comprehensive line of Phytoplex skincare products. By doing so, the system reduced product selection from 13 product to 7, reducing costs and inventory, and simplifying product selection for staff.



Staff was significantly more satisfied with both **removal ease & moisturization** provided by Phytoplex

### OBJECTIVES

To measure the satisfaction and preference levels of practitioners on the new product lines, as well as the previous product assortment.

### RESULTS

The survey showed little in the way of statistically significant differences between the two product lines in 5 of the 7 categories. However, Product Line A was rated significantly higher than B in two key attributes: Removal Ease and Moisturization. After analyzing the results of

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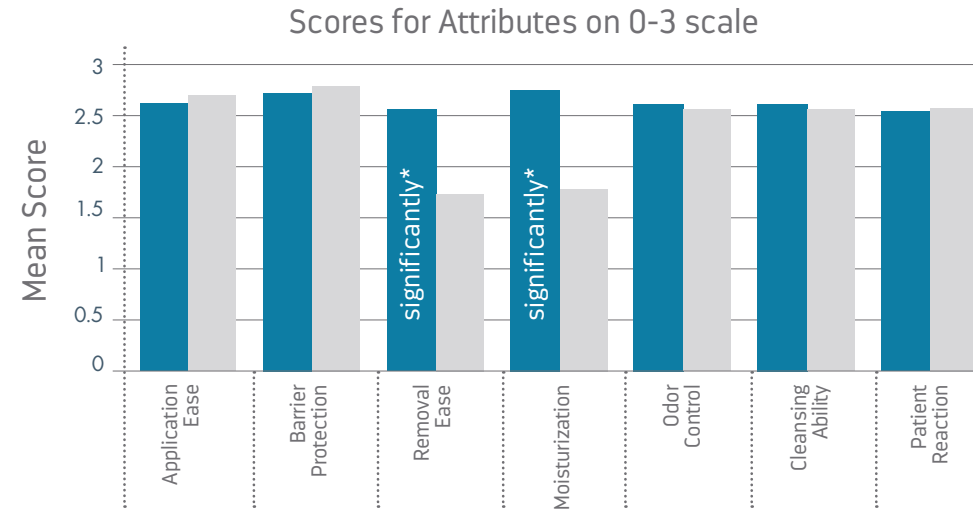
\*Data on file,  
available on request.

### REFERENCES

1. Brunner, M., Droegemueller, C., Rivers, S., & Deuser, W. E. (2012). Prevention of Incontinence-Related Skin Breakdown for Acute and Critical Care Patients: Comparison Of Two Products. *Urologic Nursing*, 32(4), 214–219.
2. Garcia Bartels, N., Scheufele, R., Prosch, F., Schink, T., Proquitté, H., Wauer, R. R., & Blume-Peytavi, U. (2010). Effect of standardized skin care regimens on neonatal skin barrier function in different body areas. *Nutrition Health Review: The Consumer's Medical Journal*, 27(1), 1–8.
3. Massa, J. (2010). Improving efficiency, reducing infection, and enhancing experience. *British Journal of Nursing*, 19(22), 1408–1414.
4. Shannon, R. J., Coombs, M., & Chakravarthy, D. (2009). Reducing hospital-acquired pressure ulcers with a silicone-based dermal nourishing emollient-associated skincare regimen. *Advances in Skin & Wound Care*, 22(10), 461–467.
5. Young, D. L., & Chakravarthy, D. (2014). A controlled laboratory comparison of 4 topical skin creams moisturizing capability on human subjects. *Journal of Wound, Ostomy, and Continence Nursing: Official Publication of The Wound, Ostomy and Continence Nurses Society/WOCN*, 41(2), 168–74.

## GRAPH 1

SURVEY MEASURED STAFF SATISFACTION BASED ON 7 PRODUCT ATTRIBUTES



### SURVEY ANALYSIS

- ▶ Health care providers were more satisfied with Product Line A in four of the seven categories from the survey.
- ▶ Health care providers were **\*significantly** more satisfied with Product Line A in two of the seven categories from the survey.
- ▶ Health care providers were less satisfied with Product Line A in three of the seven categories but these differences were not statistically significant.
- ▶ Free text comments about Product Line A included appreciation for the color coding of the educational materials and the products themselves, making it easy to identify products for particular clinical use.

### CONSIDERATIONS

Simplification of product selection and the color-coding of products and educational materials were also mentioned as important factors in the selection of the Phytoplex product line.

The hospital system also felt that a simplified, unified product line could lead to greater consistency of care.

It should be noted that including staff in the product selection process may have reduced resistance to changing product lines.

## PRODUCT LINES FOR GRAPH 1&2\*

- PRODUCT LINE A  
Remedy Phytoplex Hydrating Cleansers, Nourishing Skin Cream, HydraGuard and Z-Guard Creams.
  - PRODUCT LINE B  
Competitor product line
  - PREVIOUS  
Assortment of 13 products from various vendors
- \*Not all products used in this study are available in Canada.

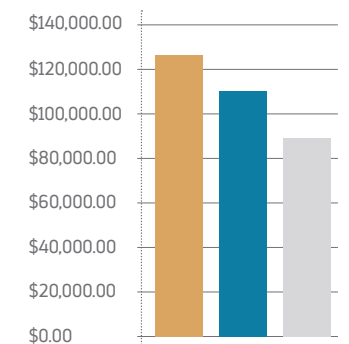


Expected cost savings for the first year were estimated at

**\$40,000**

## GRAPH 2

Annual cost of previous skin care products compared with two comprehensive and unified skin care lines



# 5 CASE STUDY

## A Single-Center Evaluation of a Dermal Management Product Suite to Prevent Pressure Ulcers and Skin Tears.

### INTRODUCTION

Skin breakdown and injury has major implications on the cost of care, patient morbidity and mortality. A system which would reduce skin tear and pressure ulcer incidence could improve care and costs.<sup>(1)</sup>

### OBJECTIVES

To evaluate the impact of a new dermal management suite of products<sup>(2)</sup> on hospital acquired pressure ulcer (HAPU) and skin tears.

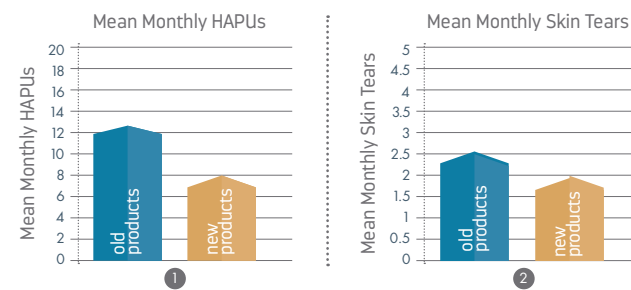
### METHODS

During this 5-month retrospective and 3-month prospective study, information was obtained from all patients (18+) admitted to a skilled nursing facility observation period and used to establish a baseline on all HAPU and skin tear occurrences. A 3-month period with a new suite of products was then tested using the same reporting criteria.

### RESULTS

During the 5-month baseline period, data from 204 patients showed 61 HAPU's and 12 skin tears. During the 3-month product evaluation period, 189 patients showed 14 HAPU's and 6 skin tears. A comparison of the monthly mean is shown in the graphs below.<sup>(3)</sup>

### GRAPHS 1 & 2



- ▶ **GRAPH 1:** Mean monthly number of hospital acquired pressure ulcers (HAPU) before and after the switch to new products.
- ▶ **GRAPH 2:** Mean monthly number of skin tears before and after the switch to new products.

### CONSIDERATIONS

Beyond the study results, post-study implementation of the new skin care regimen showed a 62% reduction in HAPU's. Additionally, though there was no statistical difference during the study period, skin tears were reduced by almost 17% after the new regimen was adopted.

### REFERENCES









1. Brem H, Maggi J, Nierman D, et al. High cost of stage IV pressure ulcers. *Am J Surg.* 2010;200(4):473-477.
2. Product used in study were Remedy Phytoplex Hydrating Cleansing Gel, Nourishing Skin Cream, HydraGuard Skin Cream and Z-Guard Protective Paste. FitRight Plus disposable briefs and Marathon cyanoacrylate skin protectant were also used in the test regimen.
3. Data on file

**62 percent**  
The new skin care regimen showed a **reduction in HAPU's**

**17 percent**  
**Reduction of skin tears** after the new regimen was adopted

## REMEDY SELECTION GUIDE

(for information purposes only)

PRODUCT	DESCRIPTION	Normal Intact Skin	Moderate to Severely Dry Skin	Incontinence Associated Dermatitis	Denuded Skin	Macerated Wet Skin	Common Fungal
 CLEANSING GELS	Low sudsing shampoo & body wash for use in the shower or diluted for no-rinse bedside cleansing	E P	E P	E P	E P	E P	E P
 CLEANSING FOAMS & SPRAYS	No-rinse foaming and spray cleanser for use on hair, face & entire body	E P	E P	E P	E P	E P	E P
 SKIN CREAMS	Soothe, nourish & help restore & maintain moisture balance	E P	E P				
 LIP BALM	Soothing lip moisturizers	E	E				
 BARRIER CREAMS	Silicone-rich formulation provides a smooth, breathable film that moisturizes & nourishes*	P	P	P			
 PROTECTANT	Helps relieve symptoms associated with diaper rash and helps seal out wetness		E	E	E	E	
 BABY SHAMPOO & BODY WASH	Gentle moisturization and skin softening	B	B	B			
 BABY LOTION	Gentle moisturization and skin softening	B	B	B			

# DESIGN YOUR PERFECT REMEDY

The value of skincare is far more than the price of what's in each bottle. Quality skincare has been shown to help lower the risks of costly skin conditions and readmissions.

► uses dispenser REMPUSHGRAY or REMPUSHBLAC

**E** Essentials

**P** Phytoplex®

**B** Baby

## CLEANSERS

- E** MSC092SBW02, 59 mL, Shampoo & Body Wash Gel, 96/cs
- MSC092SBW04, 118 mL, Shampoo & Body Wash Gel, 60/cs
- MSC092SBW08, 236 mL, Shampoo & Body Wash Gel, 36/cs
- MSC092SBW128, 3.78 L, Shampoo & Body Wash Gel, 4/cs
- MSC09104, 118 mL, No-Rinse Cleansing Foam, 24/cs
- MSC09108, 236 mL, No-Rinse Cleansing Foam, 12/cs
- MSC092SCSW04, 118 mL, No-Rinse Spray, 48/cs
- MSC092SCSW08, 236 mL, No-Rinse Spray, 36/cs
- P** MSC092002, 59 mL, Hydrating Shampoo & Body Wash, 96/cs
- CAN092002UNSC, 59 mL, Hydrating Shampoo & Body Wash, 96/cs
- MSC092004, 118 mL, Hydrating Shampoo & Body Wash, 48/cs
- CAN092004UNSC, 118 mL, Hydrating Shampoo & Body Wash, 48/cs
- MSC092008, 236 mL, Hydrating Shampoo & Body Wash, 12/cs
- MSC092016, 472 mL, Hydrating Shampoo & Body Wash, 12/cs
- CAN092016UNSC, 472 mL, Hydrating Shampoo & Body Wash, 12/cs
- MSC092034, 1000 mL, Hydrating Shampoo & Body Wash, 8/cs
- MSC092104, 118 mL, No-Rinse Cleansing Foam, 24/cs
- MSC092104UNSC, 118 mL, No-Rinse Cleansing Foam, 24/cs
- CAN092108UNSC, 236 mL, No-Rinse Cleansing Foam, 12/cs
- MSC092204, 118 mL, Hydrating Spray Cleanser, 24/cs
- MSC092208, 236 mL, Hydrating Spray Cleanser, 12/cs
- MSC092308, 236 mL, Hydrating Body Lotion, 8 oz, 12/cs
- B** MSC092FW02, 59 mL, Baby Shampoo & Body Wash, 144/cs
- MSC092FFW02, 59 mL, Unscented Baby Shampoo & Body Wash, 144/cs

## MOISTURIZERS

- E** MSC092MBL02, 59 mL, Unscented Body Lotion, 36/cs
- MSC092MBL04, 118 mL, Unscented Body Lotion, 36/cs
- MSC092MBL08, 236 mL, Unscented Body Lotion, 36/cs
- MSC092LB15, 4.25 g, Lip Balm, 36/cs
- P** MSC0924002, 59 mL, Nourishing Skin Cream, 24/cs
- MSC0924002UNS, 59 mL, Unscented Nourishing Skin Cream, 24/cs
- CAN0924002UNS, 59 mL, Unscented Nourishing Skin Cream, 96/cs
- MSC0924004, 118 mL, Nourishing Skin Cream, 12/cs
- MSC0924004UNS, 118 mL, Unscented Nourishing Skin Cream, 12/cs
- CAN0924004UNS, 118 mL, Unscented Nourishing Skin Cream, 12/cs
- MSC092408, 236 mL, Nourishing Skin Cream, 24/cs
- MSC092416, 472 mL, Nourishing Skin Cream, 12/cs
- MSC092432, 946 mL, Nourishing Skin Cream, 12/cs
- MSC092432UNSC, 946 mL, Unscented Nourishing Skin Cream, 12/cs
- MSC092434, 1000 mL, Nourishing Skin Cream, 8/cs
- MSC092434UNSC, 1000 mL, Unscented Nourishing Skin Cream, 8/cs
- MSC092402PACK, 4 mL, Nourishing Skin Cream, 144/gr
- B** MSC095007, 59 mL, Baby Lotion, 96/cs
- MSC092FFB02, 59 mL, Unscented Baby Lotion, 96/cs
- MSC095018, 118 mL, Baby Lotion, 96/cs

## BARRIERS

- P** MSC092532, 59 mL, Hydraguard® Silicone Cream, 24/cs
- MSC092534, 118 mL, Hydraguard® Silicone Cream, 12/cs
- MSC092534PACK, 4 mL, Hydraguard® Silicone Cream, 144/gr

## PROTECTANT

- E** MSCCA092ZP04, 118 mL, Zinc Paste, 12/cs



CLEANSING GELS



CLEANSING FOAMS & SPRAYS



SKIN CREAMS



LIP BALM



BARRIER CREAMS



PROTECTANT



BABY



## CLEANSERS

### Shampoo & Body Wash Gel

(MSC092SBW02, MSC092SBW04, MSC092SBW08, MSC092SBW128)

#### Ingredients:

Water, PEG-150 Distearate, Cocamidopropylamine Oxide, Cocamide DEA, Sodium Laureth Sulfate, Citric Acid, Fragrance, Propylene Glycol, Diazolidinyl Urea, Methylparaben, Propylparaben, Sodium Chloride, Aloe Barbadensis Leaf Juice

### No-Rinse Spray

(MSC092SCSW04 & MSC092SCSW08)

#### Ingredients:

Water, Benzethonium Chloride, Sodium Laureth Sulfate, Cocamidopropyl Betaine, Disodium Oleamido Sulfosuccinate, Disodium Cocoamphodiacetate, Cocamide MEA, Propylene Glycol, Diazolidinyl Urea, Methylparaben, Propylparaben, PEG-75 Lanolin, Tetrasodium EDTA, Fragrance, Aloe Barbadensis Leaf Juice, Hydroxyethylcellulose

### No-Rinse Foam

(MSC09104 & MSC09108)

#### Ingredients:

Water, Cocamidopropyl Betaine, Propylene Glycol, Disodium Cocamphodiactate, Phenoxyethanol, Cocamidopropyl PG-Dimonium Chloride Phosphate, Allantoin, Ethylhexylglycerin, Hydroxyethylcellulose, Disodium EDTA



## MOISTURIZERS

### Body Lotion

(MSC092MBL02, MSC092MBL04, MSC092MBL08)

#### Ingredients:

Water, Mineral Oil, Glycerin, Stearic Acid, Cetyl Alcohol, Glyceryl Monostearate, Methylparaben, Triethanolamine, Dimethicone, Propylparaben, Carbomer

### Lip Balm (MSC092LB15)

#### Ingredients:

Helianthus Annuus (Sunflower) Seed Oil, Ricinus Communis (Castor) Seed Oil, Beeswax, Cocos Nucifera (Coconut) Oil, Menthyl Lactate, Menthol, BHT, Tocopherol, Melaleuca, Alternifolia (Tea Tree) Leaf Oil, Caprylic/ Capric, Triglyceride, Aloe Barbadensis Leaf Extract



## PROTECTANT

### Zinc Paste (MSCCA092ZP04)

#### Active Ingredients:

White Petrolatum 75%... Skin Protectant  
Zinc Oxide 20%... Skin Protectant

#### Inactive Ingredients:

Mineral Oil



## CLEANSERS

### Baby Shampoo & Body Wash (Scented)

(MSC092FW02)

#### Ingredients:

Purified Water, Lauryl Glucoside, Cocamidopropyl Betaine, Decyl Glucoside, Sodium Lauroyl Sarcosinate, Sodium Lauroyl Lactylate, Potassium Sorbate, Propylene Glycol, Diazolidinyl Urea, Fragrance, Tetrasodium Edta, Citric Acid, Iodopropynyl Butylcarbamate.

### Baby Shampoo & Body Wash (Unscented)

(MSC092FFW02)

#### Ingredients:

Purified Water, Lauryl Glucoside, Cocamidopropyl Betaine, Decyl Glucoside, Sodium Lauroyl Sarcosinate, Sodium Lauroyl Lactylate, Potassium Sorbate, Propylene Glycol, Diazolidinyl Urea, Tetrasodium Edta, Citric Acid, Iodopropynyl Butylcarbamate.



## MOISTURIZERS

### Baby Lotion (Scented)

(MSC095007, MSC095018)

#### Ingredients:

Purified Water, Cocos Nucifera (Coconut) Oil, Glycerin, Stearic Acid, Phenoxyethanol, Cetyl Alcohol, Glyceryl Stearate, Triethanolamine, Ethylhexylglycerin, Dimethicone, Fragrance.

### Baby Lotion (Unscented)

(MSC092FFB02)

#### Ingredients:

Purified Water, Cocos Nucifera (Coconut) Oil, Glycerin, Stearic Acid, Phenoxyethanol, Cetyl Alcohol, Glyceryl Stearate, Triethanolamine, Ethylhexylglycerin, Dimethicone.

## CLEANSERS

### Hydrating Shampoo & Body Wash (Scented)

(MSC092002, MSC092004, MSC092008, MSC092016, MSC092034)

#### 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, Syringeylidemalonate, Acrylates/C10-30 Alkyl Acrylate Crosspolymer, Sodium Hydroxide, Phenoxyethanol, Ethylhexylglycerin, Ethylene Brassylate, Vanilla Planifolia Fruit Extract, Isopropyl Myristate, Methylidihydrojasmonate

### Hydrating Shampoo & Body Wash (Unscented)

(CAN092002UNSC, CAN092004UNSC, CAN092016UNSC)

#### 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, Syringeylidemalonate, Acrylates/C10-30 Alkyl Acrylate Crosspolymer, Sodium Hydroxide, Phenoxyethanol, Ethylhexylglycerin

### No-Rinse Cleansing Foam (Unscented)

(CAN092108UNSC)

#### Ingredients:

Water, Coco-Glucoside, Cocamidopropyl Betaine, Sodium Lauroyl Lactylate, Eugenia Caryophyllus (Clove) Flower Extract, Camellia Sinensis (Green Tea) Leaf Extract, Aphanizomenon Flos-Aquae (Algae Extract) Yeast Ferment Extract, PEG-12 Dimethicone, Hydrolyzed Soy Protein, Zea Mays (Corn) Oil, 7-Dehydrocholesterol, Phenoxyethanol, Caprylic/Capric Triglycerides, Phospholipids, Tocopheryl Acetate, Ethylhexylglycerin, Glycerin, Sodium Hydroxide, Disodium Edta

### No-Rinse Cleansing Foam (Scented)

(MSC092104 & MSC092108)

#### Ingredients:

Water, Coco-Glucoside, Cocamidopropyl Betaine, Sodium Lauroyl Lactylate, Eugenia Caryophyllus (Clove) Flower Extract, Camellia Sinensis (Green Tea) Leaf Extract, Aphanizomenon Flos-Aquae (Algae Extract) Yeast Ferment Extract,

PEG-12 Dimethicone, Hydrolyzed Soy Protein, Zea Mays (Corn) Oil, 7-Dehydrocholesterol, Phenoxyethanol, Caprylic/Capric Triglycerides, Phospholipids, Tocopheryl Acetate, Ethylhexylglycerin, Glycerin, Sodium Hydroxide, Disodium Edta, Vanilla Planifolia Fruit Extract, Isopropyl Myristate, Ethylene Brassylate, Methylidihydrojasmonate

### Hydrating Cleansing Spray

(MSC092204, MSC092208)

#### Ingredients:

Water, Coco-Glucoside, Cocamidopropyl Betaine, Sodium Lauroyl Lactylate, Eugenia Caryophyllus (Clove) Flower Extract, Camellia Sinensis (Green Tea) Leaf Extract, Aphanizomenon Flos-Aquae (Algae Extract), Vanilla Planifolia Fruit Extract, Yeast Ferment Extract, PEG-12 Dimethicone, Hydrolyzed Soy Protein, Zea Mays (Corn) Oil, 7-Dehydrocholesterol, Phenoxyethanol, Caprylic/Capric Triglycerides, Phospholipids, Tocopheryl Acetate, Ethylhexylglycerin, Glycerin, Sodium Hydroxide, Disodium Edta, Fragrance, Ethylene Brassylate, Isopropyl Myristate, Methylidihydrojasmonate

### Cleansing Body Lotion (MSC092308)

#### Ingredients:

Water, Carthamus Tinctorius (Safflower) Seed Oil, Glycerin, Dimethicone, Glyceryl Stearate, Olea Europaea (Olive) Fruit Oil, PEG-100 Stearate, Stearic Acid, 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 Triglycerides, Caprylyl Glycol, 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, Methylidihydrojasmonate

## MOISTURIZERS

### Nourishing Skin Cream (Unscented)

(CAN0924002UNS, CAN0924004UNS, MSC0924002UNS, MSC0924004UNS, MSC092432UNSC, MSC092434UNSC)

#### 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, 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

### Nourishing Skin Cream (Scented)

(MSC0924002, MSC0924004, MSC092408, MSC092416, MSC092432, MSC092434)

#### 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, 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, Methylidihydrojasmonate

## BARRIERS

### Hydraguard® (Unscented)

(MSC092532UNSC, MSC092534UNSC)

#### Ingredients:

Water, Cyclopentasiloxane, Divinyldimethicone/Dimethicone Copolymer, Dimethicone, Dimethiconol, PEG/PPG-18/18 Dimethicone, Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone, Propanediol, Sodium Chloride, Dimethicone Crosspolymer, Cathamus 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

### Hydraguard® (Scented)

(MSC092532, MSC092534, MSC092534PACK)

#### Ingredients:

Water, Cyclopentasiloxane, Divinyldimethicone/Dimethicone Copolymer, Dimethicone, Dimethiconol, PEG/PPG-18/18 Dimethicone, Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone, Propanediol, Sodium Chloride, Dimethicone Crosspolymer, Cathamus 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

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MSCWH219	Remedy DriGo-HP Antibacterial Wicking Sheet	1 Roll (25.4 x 365.76 cm)	10 roll/cs

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1 Data on file. Available upon request.