



Get a head start
on **skin health**



Elevating
Skin Care

Committed to optimizing skin care

Medline Remedy® is dedicated to raising the standards of care for patients, residents, caregivers and facilities. With continuous improvement of products and practices, caregivers can be confident in providing the best possible skin care.

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The challenges of skin care

Providing consistent care is key to managing skin health and preventing costly skin issues. Working closely with facilities and caregivers, Remedy recognizes the challenges that staff turnover or shortages, non-standardized formularies or changing patient needs can create.

KEY ISSUES

Staff training

Simplified guidance with a full array of color-coded products facilitates consistent care with minimal training.



Nearly 50% of nurses desire additional skin & wound care education.*

Damaged skin

The risk of painful, costly skin breakdown is greatly reduced by simple preventive measures.



Wound care costs at least \$28.1 billion annually for the Medicare population alone.**

Unbalanced formulary

Too many product choices may complicate care, while too few may leave staff unable to provide the best care.



Over 40% of nurses don't feel they have access to products that help prevent skin breakdown.*

*Medline survey, data on file.

**Law AL, Krebs B, Karnik B, Griffin L. Comparison of healthcare costs associated with patients receiving traditional negative pressure wound therapies in the post-acute setting. *Cureus*. 2020;12(11):e11790. doi:10.7759/cureus.11790

Intuitive solutions make a difference

Remedy makes it simple and clear for caregivers to choose the right product every time. Our full portfolio includes 3 lines of Remedy products, all with consistent, straightforward messaging to guide usage.

ESSENTIALS — the most economical choice

CLINICAL — high performing, standard of care products

SPECIALIZED — fortified formulas for specific conditions



Color-coded for easy, accurate selection

Every product in all 3 Remedy lines uses the same color-coding system. This comprehensive guidance facilitates consistent product usage with minimal staff training or re-training, even when there's a change to your formulary.



Evidence-based formulations & practices

Remedy goes beyond the ordinary to raise the level of care at all types of facilities. Our skin care experts are continuously generating research, compiling data, and consulting with industry experts and frontline clinicians to improve products, techniques and outcomes.



Over 25 studies to support product efficacy*



Regimen testing to evaluate the efficacy of specific product combinations*



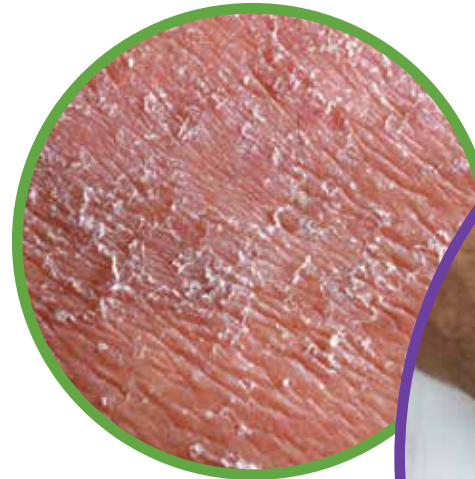
Patient population studies to investigate the most effective care for specific groups*



Coalition for At-Risk Skin (CARS)

With evidence-based recommendations to address the needs of at-risk skin, this independent group of skin care experts convened to develop consensus, standardized industry guidelines. Look for this symbol for CARS guidance throughout this catalog.

*See pages 48 – 49 to review some of our key studies of products and skin care guidance.



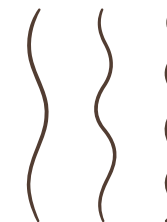
Proven care for all populations

Every person deserves the best possible care. That's why many Remedy products contain enriched formulations to better care for all different types of skin and hair. Our products are hypoallergenic and proven effective in managing moisture and sebum levels in the skin and hair.

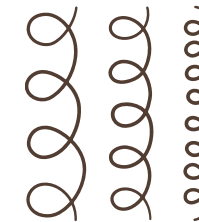
Remedy Clinical Shampoo and Body Wash uses special moisturizers & cleansers uniquely formulated for all 4 hair types.



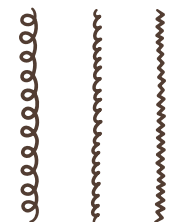
TYPE 1
Straight hair



TYPE 2
Wavy hair



TYPE 3
Curly hair



TYPE 4
Coily hair



CLINICAL

#1 Choice for all skin*

Remedy CLINICAL includes many of our most tested products. Combining the most advanced skin care science with gentle, therapeutic ingredients, each product contains our proprietary Remedy Nutrient Complex to nourish, soothe and support moisture balance while caring for the most sensitive skin.



Remedy Nutrient Complex

This nutritional complex leaves skin clean, nourished, hydrated and prepared for the next steps in your skincare regimen.

- Vitamins, proteins, soy protein and yeast extract
- Hydration, emollients and slow-release natural oils
- Soothing antioxidants

Gentleness assured

Remedy CLINICAL products are made for the most sensitive, at-risk skin.

Free of: Aloe, Parabens, Phthalates, Sulfates, Dyes or Chemical Fragrances



Recommended Skin Support
Each clinical product incorporates CARS-recommended ingredients

*Remedy is the market leader for skin care products in healthcare settings.



1-4
HAIR
TYPES

Formulated for the comfort and care of all ethnicities

The gentlest of cleansers

Cleansing sensitive, fragile, or dry skin is very challenging.^{1,2} The full line of **Remedy CLINICAL cleansers** provide gentle, yet effective, alternatives to meet the demands of sensitive skin.

 **Enriched with Remedy Nutrient Complex**

Available in **conditioner, gel, foam, spray and lotion**

Sulfate-Free
Mild, pH balanced formulas won't disrupt skin's natural barrier function or strip skin of natural oils.

Non-Drying
Gentle phospholipid's unique molecular structure helps lift away dirt and oils without stripping away needed moisture.³

Made for all skin and hair types
Non-drying, moisture-rich formulas provide better care and comfort for every patient.

 Moisturizing, extra-gentle formula is made for the care and comfort of all types of hair.



MSC092HC02

See full product listing on pages 64 – 65

Hydrating Shampoo & Body Wash

Versatile gel cleanser for use in shower or bedside

- Gently cleanses and conditions both skin and hair
- Low-sudsing, sulfate-free formula to maintain natural pH and moisture balance
- Contains natural emollients and dimethicone to moisturize skin

Hair Conditioner

Conditions and nourishes hair & scalp

- Detangles, conditions and nourishes hair
- Moisturizes scalp

No-Rinse Cleansers

Spray and foaming cleansers for face, hair and body

- Spray and foam formulas apply gently and require no rinsing — ideal for patients requiring frequent clean ups
- Removes difficult barrier pastes and creams, as well as blood and fecal matter
- Gently cleanses and conditions both skin and hair
- Low sudsing, sulfate-free formula with soothing moisture for dry, irritated skin

CHG Compatible

Paraben Free

Hypoallergenic

Pediatrician Tested



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



MSC092016 MSC092008 MSC092004 MSC092HC02

See full product listing on pages 64 – 65

MSC092208

MSC092108

MSC092308

See full product listing on pages 64 – 65

Moisture that nourishes

For all types of skin, **Remedy CLINICAL Skin Cream and Lip Balm** are designed to hydrate, distribute and protect moisture, and promote a healthy moisture balance.

CARS

Recommended Skin Support
Each clinical product incorporates CARS-recommended ingredients

24 HOURS

Remedy skin cream has been shown to provide hydration that lasts up to 24 hours. See page 60 for TEWL study.

Maintaining moisture and natural oils

Nutrient complex conditions skin and helps maintain a healthy moisture balance.

Replacing moisture lost with age

Skin gets drier as it ages. Regular moisturization helps keep skin more resilient and able to resist damage.³

Safflower oleosomes

Naturally sourced phospholipid shells provide an extended release of natural oils and enhance distribution of other ingredients in the formulation.⁴

Skin Cream

For nutrient based moisturization

- Moisturizes with a blend of emollients including naturally-derived oleosomes which release oils over time
- Formulated without mineral oil or other petrochemicals to remain breathable and non-irritating
- Absorbs quickly without leaving a greasy residue

Lip Balm

For very dry lips

- Contains sunflower, soybean and jojoba oils; Omega 3; and 6 fatty acids provided by shea butter and beeswax*
- Encapsulated crystals release citrus flavor while a touch of menthol soothes and refreshes lips
- Contains no petrochemicals that are hazardous in oxygen-rich environments

*A unique product in the line, containing aloe



Enriched with Remedy Nutrient Complex



MOISTURIZE

- CHG Compatible
- Paraben Free
- Hypoallergenic
- Pediatrician Tested



MSC092402PACK MSC0924002 MSC092915 MSC092408 MSC092432UNSC

See full product listing on pages 64 – 65

Barriers with added benefits

Barriers are made to help skin retain valuable moisture while keeping damaging wetness out. **Remedy CLINICAL barrier** products also provide the additional skin support of the Remedy Nutrient Complex.

CARS

Recommended Skin Support
Skin barrier products are recommended when moisture, microclimate, friction and shear are contributing factors to at-risk skin.

Silicone Cream

For providing a breathable moisture film

- 24% silicone blend creates a film that helps resist moisture loss
- Appropriate for perineal care since it forms a breathable film over skin
- Cosmetic formulation allows ease of accessibility for clinicians
- Improves the appearance of dry, itchy skin with Remedy blend of soothing, nourishing moisturization



Enriched with Remedy Nutrient Complex

MSC092534 MSC092532 MSC092534PACK

See full product listing on pages 64 – 65

3-in-1 Barrier Cream Cloth

Clean, moisturize and guard against wetness in one step

- Soft, thick cloths premoistened with cleanser, moisturizer and barrier ingredients
- 3.6% dimethicone formula for breathable skin protection
- Gentle phospholipid cleansers have no sulfates which strip skin of natural oils
- Hypoallergenic, non-irritating, non-sensitizing, pediatrician and dermatologist tested

CHG Compatible

Paraben Free

Hypoallergenic

Pediatrician Tested

Enriched with Remedy Nutrient Complex



MSC092508

See full product listing on pages 64 – 65

Protectants that soothe

Remedy CLINICAL Zinc Oxide Paste is useful in treating and preventing skin breakdown caused by wetness, urine and/or stool.

Zinc Oxide Paste Skin Protectant

For skin exposed to prolonged moisture

- 57% petrolatum to seal out wetness on irritated or denuded skin
- Enhanced with 17% micronized zinc oxide and natural oils for ease of use
- Protects minor skin irritation with skin breakdown caused by wetness, urine and/or stool
- Temporarily protects and helps relieve chapped or cracked skin, minor cuts, scrapes and burns

CHG compatible

Paraben Free

Hypoallergenic

Pediatrician Tested



Zinc oxide provides soothing antioxidant properties.



Enriched with Remedy Nutrient Complex



Micronized Zinc creates a smooth texture that is easier to apply and remove.



MSC092542 MSC092544PACK MSC092544

See full product listing on pages 64 – 65

Treatments that support

Remedy CLINICAL Antifungal products use 2% miconazole nitrate for treatment of skin with fungal infections.⁵



Miconazole nitrate is proven effective for treating:

- Ringworm (tinea corporis)
- Athlete's foot (tinea pedis)
- Jock itch (tinea cruris),
- Superficial skin infections caused by yeast (Candida albicans)



Antifungal Cream, Ointment and Powder

For skin with fungal infection

- 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
- Ideal for children over 2 years to geriatrics

CHG Compatible

Paraben Free

Hypoallergenic



Enriched with Remedy Nutrient Complex



Cream provides a soothing, non-greasy option for particularly dry, irritated skin.

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



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

MSC092625

MSC092603

MSC092604

See full product listing on pages 64 – 65



SPECIALIZED

Focused care for specific conditions

Remedy **SPECIALIZED** products contain higher levels of active or palliative ingredients designed to help manage specific conditions. Each shares a common goal of optimizing care, efficiency and patient comfort.

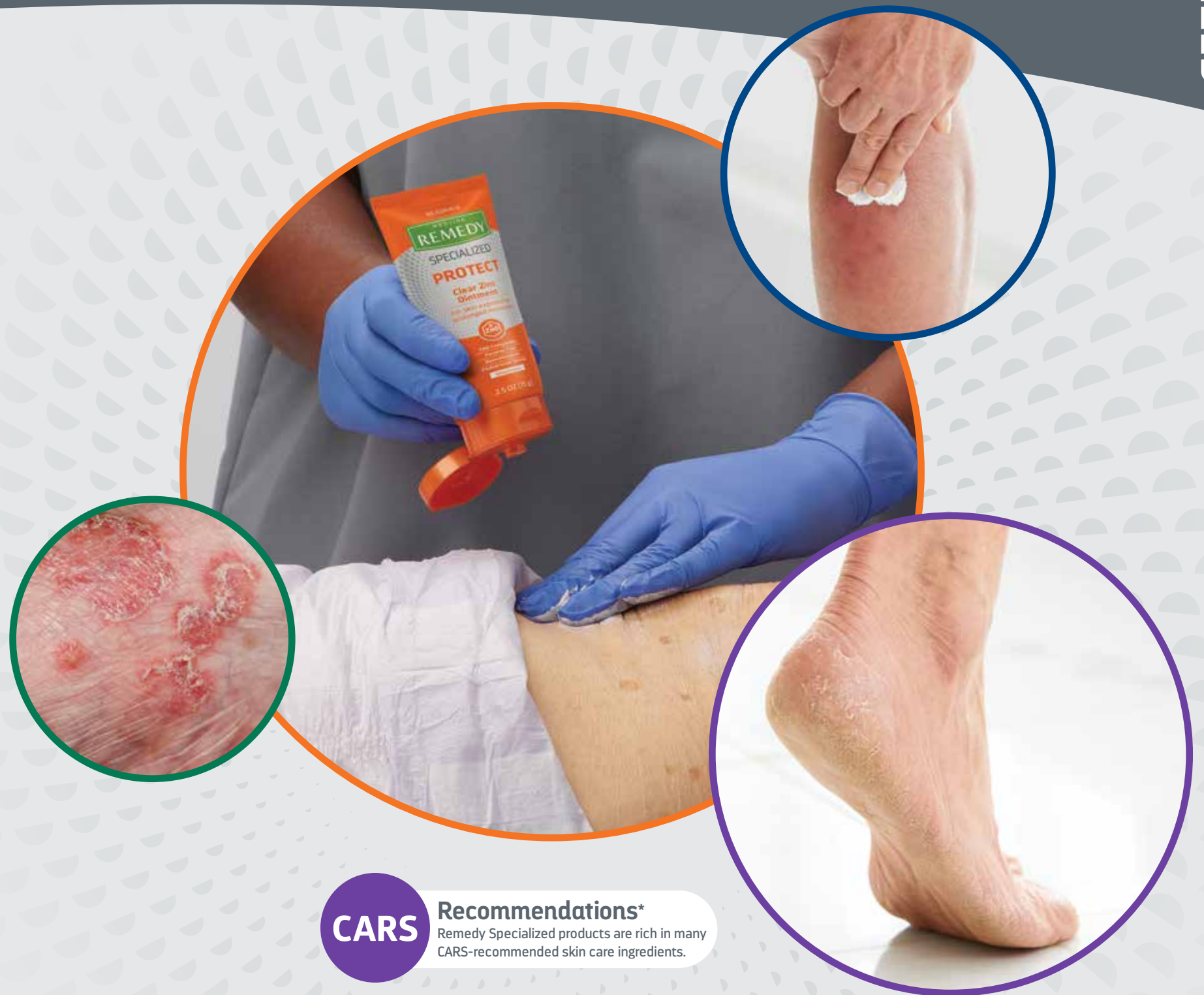


Many Remedy Specialized products contain **Remedy Nutrient Complex** of soothing antioxidants, vitamins, hydration and moisturization.

Key ingredients found in some Specialized products include:

- Alpha hydroxy acid
- Calamine
- Menthol
- Sequestered hydrogen peroxide
- Silicones and dimethicone
- Special zinc oxide/petrolatum combinations
- Urea

*The Coalition for At-Risk Skin (CARS) is an independent group of skin care experts assembled to develop consensus, standardized industry guidelines.



CARS Recommendations*
 Remedy Specialized products are rich in many CARS-recommended skin care ingredients.

Gently cleanses without drying skin

Naturally-sourced phospholipids are very similar to the lipids skin produces — helping lift away dirt, oils and even barrier products without drying the skin.



No-Rinse Foam Cleanser

For cleansing and conditioning hair and skin

- No-rinse formula cleanses, moisturizes, soothes and nourishes
- Foam applies gently and clings where applied to help reduce waste and mess
- Aids removal of difficult barrier pastes and fecal material
- pH balanced for sensitive skin
- Helps condition the skin without occluding it

Please refer to case studies area of this brochure for product utilization

CHG Compatible

Paraben & Sulfate Free

Hypoallergenic & Tear Free

Pediatrician Tested

Unscented

 Enriched with Remedy Nutrient Complex



Recommended for those with eczema



Removes quickly and gently with wipe or washcloth



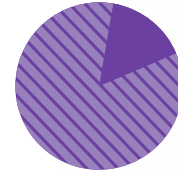
MSC098FOAM04

MSC098FOAM08

See full product listing on pages 64 – 65

Deep moisturization for extremely dry skin

This unique formulation provides extremely high-level moisture support. It uses Natural Moisturizing Factor ingredients and urea to help soften rough, dry skin.



U20 Complex
Special 20% urea formula aids hydration and exfoliation*.
*<https://doi.org/10.1111/dth.12690>



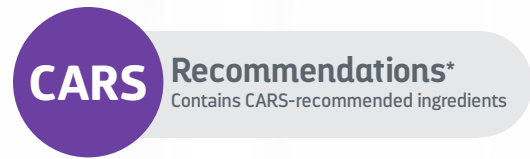
Ideal for use on patches of dry skin on feet, hands, legs and elbows.

Hydrating Serum U20 Complex

Soothes and conditions rough, dry skin

- U20 complex uses 20% urea to help extremely dry skin feel enhanced moisturization
- High in Natural Moisturizing Factor (NMF) components
- Alpha Hydroxy Acid (Glycolic Acid) helps smooth & condition
- L-Arginine, a naturally occurring amino acid, functions as an antioxidant

- CHG Compatible
- Paraben Free
- Hypoallergenic
- Dye Free
- Unscented



MSC098HSPACK MSC098HS02 MSC098HS04

*The Coalition for At-Risk Skin (CARS) is an independent group of skin care experts assembled to develop consensus, standardized industry guidelines.



Moisturization for very dry, cracked skin

This advanced moisturizing cream hydrates and helps restore and maintain skin's natural moisture barrier.

CARS Recommendations*
Contains CARS-recommended ingredients

Moisturizing Skin Cream

For nutrient-based moisturization

- Unique formula can be used to moisturize, relieve and help repair dry, cracked skin
- Contains breathable 1.5% dimethicone with no mineral oil or other greasy, occlusive petrochemicals
- Rich blend of moisturizing emollient

Please refer to case studies area of this brochure for product utilization

- CHG Compatible
- Paraben Free
- Hypoallergenic

Enriched with Remedy Nutrient Complex



1.5% Dimethicone
Ideal for use on patches of dry skin on feet, hands, legs and elbows.

*The Coalition for At-Risk Skin (CARS) is an independent group of skin care experts assembled to develop consensus, standardized industry guidelines.

MSC0924402 MSC0924404UNS MSC0924432UNS MSC0924404PACK

See full product listing on pages 64 – 65

Breathable barrier prevents moisture loss

A high level of silicone provides a smooth, easy-to-apply water-resistant film that makes it appropriate for the most fragile skin, as well as perineal care.



26%

26% silicone blend with 12.5% USP grade dimethicone. High quality silicone creates a silky-smooth barrier with excellent breathability.



Enriched with Remydy Nutrient Complex

MSC092564 MSC092562 MSC092564PACK

See full product listing on pages 64 – 65

Silicone Cream

For providing a breathable moisture barrier

- 26% silicone formula creates a breathable, soothing and moisturizing barrier
- Rich in moisturizers, humectants and hydration for dry, cracked skin
- Naturally encapsulated oleosomes release natural oils over time

Please refer to case studies area of this brochure for product utilization

- CHG Compatible
- Paraben Free
- Hypoallergenic
- Pediatrician Tested

CARS Recommendations*
Contains CARS-recommended ingredients



*The Coalition for At-Risk Skin (CARS) is an independent group of skin care experts assembled to develop consensus, standardized industry guidelines.

Manages moisture while reducing friction

These unique sheets are designed to better manage skin in areas with excessive moisture. Ultra-smooth and soft fabric wicks away moisture and reduces friction. Sequestered hydrogen peroxide is released for up to 5 days to help control bacteria.

DriGo-HP™ Antibacterial Wicking Sheet

For moisture management, comfort and odor control

- Wicks moisture out of skin flaps
- Patented technology slowly releases encapsulated hydrogen peroxide, reducing build-up of bacteria in the fabric and diminishing odors
- Effective for up to 5 days

Please refer to case studies area of this brochure for product utilization

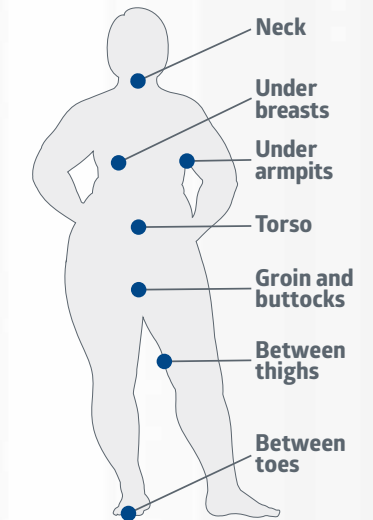
- CHG Compatible
- Paraben Free
- Hypoallergenic



Cut to size or shape, leaving a few inches outside the skinfold to allow for evaporation.



Recommend for these areas



 **PREVENT**

MSCWH219 MSCWH219S

See full product listing on pages 64 – 65



PROTECT

Advanced protection for irritated skin

These Specialized protectants are formulated for improved care for specific conditions including skin irritation and discomfort. Each is targeted for use to help provide certain benefits for a range of conditions requiring protection from wetness, while helping preserve moisture in dry or damaged skin.

◀ Incontinence Associated Dermatitis ▶

Clear Zinc

Mild IAD: Provides ability to monitor and manage the condition

Extra Thick Zinc

Moderate to Severe IAD: Manages heavy urine and fecal incontinence

Zinc with Menthol

Moderate to Severe IAD: Manages severe itching, burning and pain



Enriched with Remedy Nutrient Complex

*Remedy Extra Thick Zinc Oxide Paste does not contain Remedy Nutrient Complex.

Clear Zinc Ointment

Transparent ointment for touch-free skin monitoring

- White petrolatum-base with natural oils, 1.0% zinc oxide, plus added skin nutrients, antioxidants and moisturizers
- Helps seal out wetness and relieve chapped or cracked skin, minor cuts, scrapes and burns
- Adheres well to wet skin with exudate

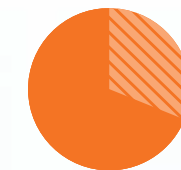
Please refer to case studies area of this brochure for product utilization

- CHG Compatible
- Paraben Free
- Hypoallergenic
- Pediatrician Tested



MSC092502

See full product listing on pages 64 – 65



71.5% White Petrolatum and 1% Zinc Oxide





Zinc Oxide Paste with Menthol

For painful, irritated skin exposed to moisture

- Zinc oxide helps dry light exudate; menthol offers temporary relief of skin discomfort and itching*
- 53% white petrolatum with added zinc oxide delivers lasting, semi-breathable barrier protection
- Natural oils and micronized zinc form a smooth consistency for ease of application and removal

Please refer to case studies area of this brochure for product utilization

CHG Compatible

Paraben Free

Hypoallergenic



MSC092554

MSC092552

MSC092554PACK



Zinc oxide and menthol provides cooling sensation and temporary relief of irritation.*

See full product listing on pages 64 – 65

*This product may not be well tolerated in some patients due to the presence of menthol.

Extra Thick Zinc Oxide Paste

For damaged skin exposed to prolonged moisture

- 49% white petrolatum-base with 15% zinc oxide

Please refer to case studies area of this brochure for product utilization

CHG Compatible

Paraben Free

Hypoallergenic



325614

See full product listing on pages 64 – 65



15%

Zinc Oxide



ESSENTIALS

Everyday preventative care

Remedy **ESSENTIALS** products provide cost-effective preventative care for patients and residents. To meet the kind of financial challenges faced by healthcare facilities every day, **ESSENTIALS** offer quality care that fits almost any budget.

ESSENTIALS Options

- Shampoo & Body Wash
- No-Rinse Foam and Spray
- Moisturizing Lotion and Skin Cream
- Lip Balm
- Barrier Ointment, A & D Ointment, Petroleum Jelly, Cornstarch Powder
- Zinc Oxide Paste





 **CLEANSE**



 **MOISTURIZE**



 **PREVENT**



 **PROTECT**

Shampoo & Body Wash

Gentle and CHG compatible for use in the shower or bedside

- MSC092SBW02**
2 FL OZ (59 mL)
96/cs
- MSC092SBW04**
4 FL OZ (118 mL)
60/cs
- MSC092SBW08**
8 FL OZ (236 mL)
36/cs
- MSC092SBW128**
1 Gallon (128 FL OZ)
4/cs
- MSC098303**
33.8 FL OZ (1000 mL)
12/cs
- MSC095060**
8 FL OZ (236) mL
48/CS
- MSC095062**
1 GALLON (128 FL OZ)
4/CS

No-Rinse Foam Cleansers

Soft foam applies gently and clings where applied

- MSC09104**
4 FL OZ (118 mL)
24/cs
- MSC09108**
8 FL OZ (236 mL)
12/cs

Spray Cleansers

Applies gently and easily over wide areas

- MSC095328**
4 FL OZ (118 mL)
48/cs
- MSC095206**
8 FL OZ (237 mL)
36/cs
- MSC095200**
128 FL OZ (3780 mL)
4/cs

Body Lotion

Quickly absorbed hydrating and moisturizing lotion

- MSC092MBL02**
2 FL OZ (59 mL)
96/cs
- MSC092MBL04**
4 FL OZ (118 mL)
60/cs
- MSC092MBL08**
8 FL OZ (236 mL)
36/cs
- MSC095361**
2 FL OZ (59 mL)
96/cs
- MSC095368**
4 FL OZ (118 mL)
48/cs
- MSC095362**
8 FL OZ (236 mL)
12/cs
- MSC095434**
16 FL OZ (473 mL)
12/cs
- MSC095364**
1 Gallon (3.78 L)
4/cs

Skin Cream

Nourishing moisturization with natural aloe and vitamin E

- MSC095330**
2 FL OZ (59 mL)
12/cs
- MSC095332**
8 FL OZ (227 mL)
12/cs
- Lip Balm**
- Aloe-enriched moisturization for dry lips**
- MSC092LB15**
0.15 OZ (4.25 g)
36/cs

Barrier Ointment

Petrolatum-based protective moisture barrier

- MSC095384**
5g (0.17 OZ)
144/box
- MSC095380**
2 OZ (57 g)
12/cs
- MSC095435**
3.5 OZ (99 g)
12/cs
- MSC095382**
7 OZ (198 g)
12/cs

Vitamin A & D Ointment

Helps relieve chapped or cracked skin

- MSC095094**
4 OZ (113 g)
12/cs

Petroleum Jelly

Protects against wetness

- MSC095034**
4 OZ (113 g)
12/cs

Cornstarch Powder

Soothing, natural, talc-free powder

- MSC095394**
1.5 OZ (43 g)
48/cs
- MSC095390**
4 OZ (113 mL)
36/cs
- MSC095392**
14 OZ (396 mL)
12/cs

Zinc Oxide Paste

Thick, dependable protection from wetness

- MSC092ZP04**
4 FL OZ (118 mL)
12/cs
- MSC092ZP04PAC**
5 g (0.17 OZ)
144/box



baby



Gentle in every little way

Remedy baby products are specially crafted to manage pediatric skin — which is thinner, loses water faster and often exhibits a high level of sensitivity. Even our fragrances are carefully selected, and fragrance-free options are available.

nourishing lotion

Moisturizes, softens and soothes sensitive skin

moisturizing oil

Pure, gentle baby oil moisturizes skin and helps protect from dryness.

lip balm

Simple, safe ingredients for babies' sensitive lips

shampoo & body wash

Mild, tear-free cleanser for use from head to toe

nursing balm

Soothing comfort for breastfeeding moms



MSC092FFW02 MSC095018 MSC092LBABY MSC095052 MSC092BFB

See full product listing on pages 64 – 65

*See page 61 for a comparison study of Remedy Baby and Johnson & Johnson lotions.

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.

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.

Tested for
CHG Compatibility

CHG

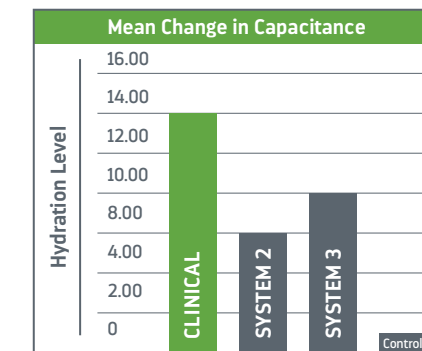


Moisturization Tests

Comparisons of regimens

Objective

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



Remedy CLINICAL

Hydrating Shampoo and Body Wash, 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 Sween 24 Moisture Barrier Cream

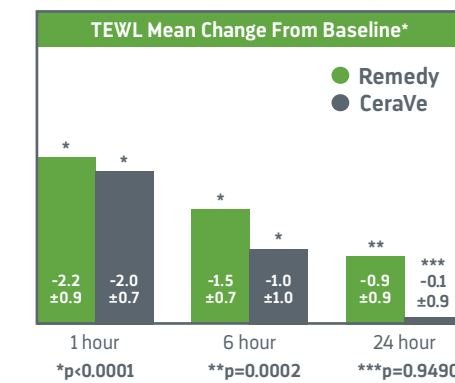
Results

A regimen of Remedy Clinical 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

Evidence-based best practices

To raise the standards of skin care requires an integrated approach focused on high-level care with quality products and practices. Simply knowing and following best practices is the first step to better care.

Guidance from The Coalition for At-Risk Skin (CARS)*

With limited data and evidence-based recommendations to address the needs of at-risk skin, a panel of nine skin health experts was assembled to develop consensus statements focused on preventative skin care. With a focus on cleansing, moisturization and protection, some of the coalition's key findings include:

- Quality ingredients matter**
 The properties, ingredients, utilization and intended use of skincare products impact their efficacy. This includes moisturizers & skin barriers.
- Creams preferred over lotions**
 For at-risk skin, creams or ointments are preferred to improve skin barrier function by decreasing transepidermal water loss. Lotions may be drying, therefore may not achieve the desired effect.
- Moisturize 2x a day, 1 oz per application**
 For at-risk skin, a moisturizer should be applied daily at a minimum and always after bathing. Additional benefits have been demonstrated with twice daily moisturization. The approximate amount needed per application is 30 grams (1oz) for an average-sized person.
- Barriers for at-risk skin**
 Skin barrier products are recommended when moisture, microclimate, friction, and shear are contributing factors to at-risk skin.

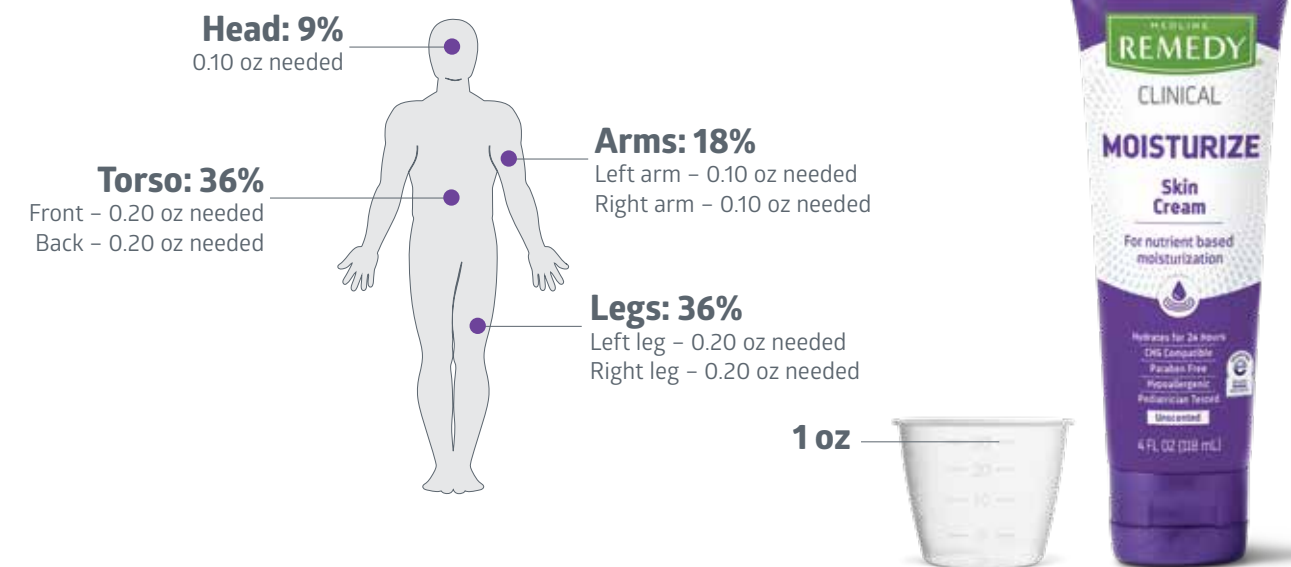
Deficient moisturization

A 2019 study of nursing home groups with over 23 million patient days found that an average of .09 oz of moisturizer was used per patient per day — which is about how much is needed to moisturize half of an average person's hand.

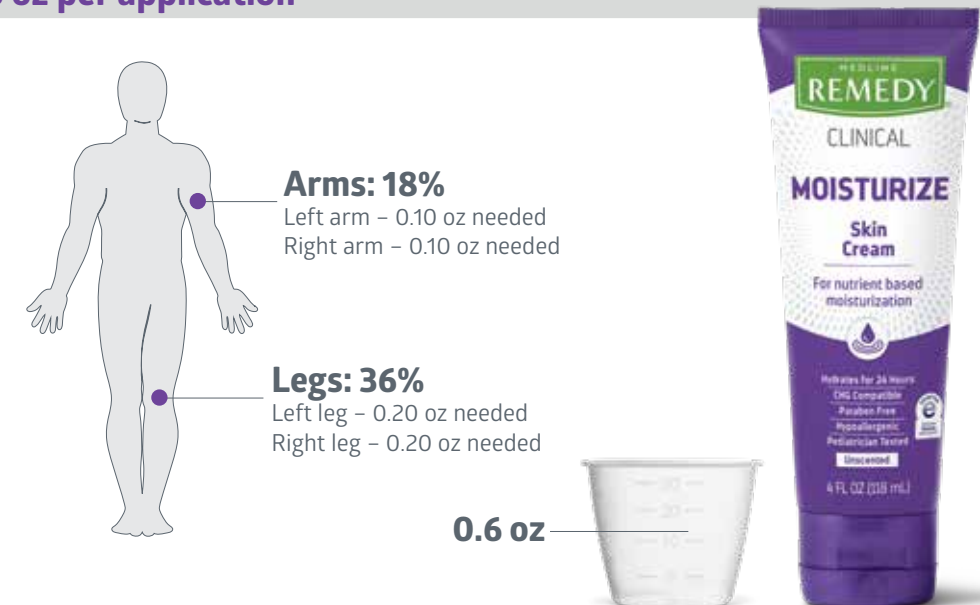
Moisturize 2x per day*

Recommended moisturizer amounts by body section*

After shower or bath — 1 oz per application



Bedside care - 0.6 oz per application



*Recommendations found in the Coalition for At-Risk Skin (CARS) Document

1 Case study

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

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.

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® CLINICAL Zinc Oxide Paste Skin Protectant is a registered trademark of Medline Industries, LP.

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

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*Data on file,
available on request.

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**	71 x 70 x 0.2
7/26/13	Erythema	RPZG	Type 1**	74 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

Photo 1: Before – 8/2/13



Photo 2: After – 9/16/13



2 Case study

Improving skin tear outcomes using a topical nourishing skin cream*; prevention of skin tears with the elderly

Goals and Objectives

The risk of skin tears increases with age, being common in the “old-old” as well as in patients with alterations in sensory status, or sensation. A history of skin tears, impaired nutritional status, poor fluid intake, and increased acuity can also increase the risk of skin tears. Studies have shown that patients who are totally dependent on caregivers for ADLS (bathing, grooming, and dressing) have the greatest risk for the development of skin tears. The next group at highest risk would include those residents who are more independent and mobile about the facility or at home. Residents with poor eyesight are at risk to bump into environmental hazards causing trauma to their hands, arms, or lower legs. As we age, skin cells are less able to produce sebum, repair and defend themselves resulting in development of scaling, pain, pruritis and thinning of the stratum corneum, many times resulting in skin tears and infections. Our population had exhibited all of these signs and symptoms.

Our objective was to decrease the skin tear rate in our long-term care facility in upstate New York, where the average age is 86 years. The study started on September 7, 2007 with 44 residents. Eight dropped (6 were discharged and 2 refused to participate) from that original number. Since then we have had one death due to unrelated causes and added four more residents to this ongoing study.

Purpose

A trial was initiated for 4 weeks. In the past a balsam peru, castor oil, and trypsin ointment** would have been used as treatment for the poor skin turgor, itching or pain with questionable results. The current petroleum-based skin cream would be replaced with **Remedy SPECIALIZED Skin Cream**, a new dimethicone-based product containing nourishing ingredients for patients that met the inclusion criteria. The skin cream formulation* was selected for the ingredients (i.e. vitamin B3 and B6, antioxidants, amino acids to build collagen) may be capable of nourishing, repairing dermal damage, and enhancing the function of stratum corneum.

Methods

Pre-study at-risk inclusion criteria was determined by identifying the risk of skin trauma (skin tears, abrasions and bruising) using the Skin Trauma Risk Assessment

Sheet widely used within our facility and developed by our wound and skin team. The tool is completed on admission, by the RN charge nurse, weekly for four weeks, and then quarterly. The scale includes risk factors such as medications, presence of purpura, turgor and level of assistance required. Scores between 1 and 6 indicate moderate risk while scores between 6 and 12 indicate high risk.

Discussion

Skin tears occur principally on the extremities as a result of friction, shearing or trauma and result in a separation of the epidermis from the dermis or both the epidermis and the dermis from underlying structures. Acute and long-term staff need to be aware of these risk factors and perform inspections of their elderly patients' skin on admission and on a scheduled basis after admission in order to implement interventions to manage those risk factors detected.

It is estimated that at least 1.5 million skin tears occur in the elderly each year, with prevalence rates between 14 – 24%. The anatomy of the skin has much to do with the etiology and the cause of skin tears. Although skin tears are thought to be difficult to prevent and treat, the use of a good topical product can lessen the risk of skin tears. Key measures include cleaning, moisturizing, and nourishing the skin with advanced skin care products that are effective in reducing the incidence of skin tears. Also, the products must be easy to apply, gentle to fragile skin, absorb quickly, have a pleasant and fresh scent, leave the skin feeling soft, produce immediate visual results and be proven to make a difference with continued use.

*Medline Remedy SPECIALIZED® Skin Cream
**Xenaderm from Healthpoint

Subject 1

FH is an 84 year old female resident with a medical history that includes diabetes, Alzheimer's with dementia, hypertension and coronary artery disease. She is totally dependent on staff for her care. Her medications include anticoagulants. Risk factors include history of skin tears, averaging 2 to 3 skin tears per month, usually on the lower forearms and wrist. Her unique high risk also includes that she was combative at times and had a tendency to “pick” at her skin as well as clothing and bandages. Plan of action included food and fluid studies (trying to improve hydration), long sleeves or gerigloves and the topical nourishing skin care cream to arms and legs twice daily.

Subject 2

PC is an 85 year old with insulin dependent diabetes, renal insufficiency, hypertension and PVD. Although she is alert and appears to be cognitively intact, she has severe short-term memory loss. She is taking anticoagulants, pain medications, as well as insulin, and aspirin. PC has a long history with skin tears. PC likes to wear jewelry including rings and multiple bracelets that contribute to her injuries. She is obese and relies on a wheelchair for activity.

The plan of action includes referring her to the dietitian for evaluation and encouragement of fluid intake. Wear long sleeves and apply the topical nourishing skin care cream to arms and legs twice daily. She was also encouraged to wear her jewelry on the outside of her clothing.

Subject 3

EF is an elderly female with a terminal diagnosis, with very poor nutrition and hydration. She suffers with severe contractures resulting from a CVA. She has a

history of skin tears and while gerigloves could be ideal, they are difficult to apply due to the contractures. There is a concern for trauma with staff handling of EF. Dietary evaluation is needed for nutrition as well as hydration. She died on 11-30-07, and while only in the study for a few months, she showed significant improvement in her skin. Typical treatment for skin tears in our facility includes approximating with steri-strips and covering with a non-adherent dressing.

The plan of action included pain management, and pressure redistribution for comfort as well as pressure ulcer prevention. Increase nutritional intake as tolerated. The licensed staff will apply the topical nourishing skin care cream twice daily to her arms and legs.

Subject 4

RC is a 91 year old female with a history of osteoarthritis, cognitive impairment, and short term memory loss. She takes aspirin and pain medications. RC has a significant history of skin tears, poor skin turgor, and geriatric purpura to her lower extremities. She does not meet her critical fluid levels and nutrition is not ideal. The plan of care for RC includes complete fluid and nutrition intake study as well as encouraging fluids as tolerated. She will wear long sleeves to help prevent the “picking” to her extremities. RC's nails will be kept short and filed. The licensed nurse will apply the topical nourishing skin care cream to her extremities twice per day.

Results

Positive outcomes for the patients included skin regeneration as well as improvement in the skin integrity (elasticity, diminishing thinness, ability to tolerate friction, decreased scaling and noticeable shedding), diminishing purpura, relief of itching, reduction of skin

tears and protection from damage related to dehydration. After a four-week trial of **Medline Remedy SPECIALIZED Skin Cream**, reoccurrence rates were significantly reduced.

The intervention for prevention and resolution of skin tears was so successful the trial was extended and continues today. The staff reported a dramatic improvement in overall skin health within a very short time frame. There was a decrease in product costs, improved patient dignity and most importantly a skin and wound team that is excited about skin care. The committee recommended that this be the product of choice for all residents.

References

1. Payne RL, Martin ML. Defining and classification skin tears: need for a common language. *Ostomy Wound Management*. 1993;39(5):16-26.
2. Ayello EA., Preventing pressure ulcers and skin tears. In: Mezey M, Fulmer T, Abraham I, Zwicker DA, editor(s). *Geriatric nursing protocols for best practice*. 2nd ed. New York (NY): Springer Publishing Company, Inc.; 2003. p. 165-84.
3. Fleck, Cynthia A. Preventing and Treating Skin Tears. *Advances in Skin & Wound Care*. 20(6): 315-321, June 2007.
4. McGough-Csamy J, Kopac C. Skin tears in institutionalized elderly: An epidemiological study. *Ostomy Wound Manage*. 1998 Mar;44(3A Suppl): 14S-24S.

Presented at The Symposium on Advanced Wound Care, San Diego, CA, April 2008; the World Union of Wound Healing Societies, Toronto, Canada, June 2008; and the 40th Annual Conference of the Wound Ostomy Continence Nursing Society, Orlando, FL, June 2008.

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the World Union of Wound Healing

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Educare wound and skin care education

The clinical education division of **Medline Societies**, Toronto, Canada, June 2008; and the 40th Annual Conference of the Wound Ostomy Continence Nursing Society, Orlando, FL, June 2008.

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MKT1219197/LIT673/24

3 Case study

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

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.

Objectives

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.

References

1. The Moisturizing Ability of Remedy with CLINICAL Cleanser/Moisturizer, data on file.
2. The Safety of the Remedy Clinical range of products on an Adult Population via the Repeat Insult Patch Testing Method (RIPT) method, data on file.
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® CLINICAL Skin Cream is a registered trademark of Medline Industries, LP.

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*Data on file,
available on request.

Table 2

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

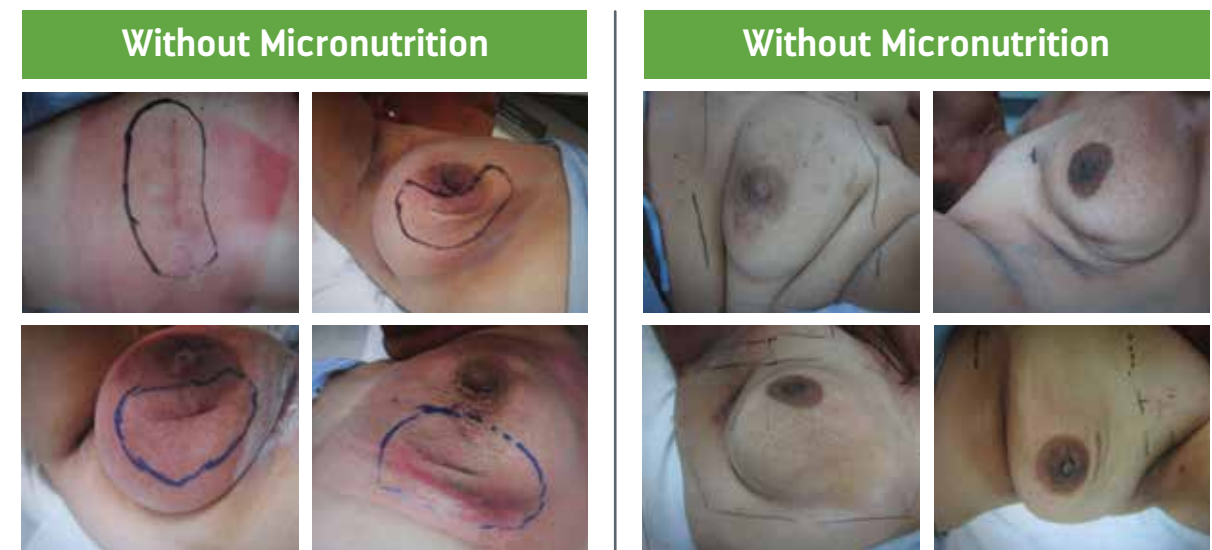
Stopped treatments with 2 remaining

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

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.

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 the survey and studying cost implications, the hospital group decided to switch to **Product Line A**, comprised of a comprehensive line of **Remedy CLINICAL Hydrating Cleansers, Skin Cream, Silicone Cream, Zinc Oxide Paste Skin Protectant, and Antifungal Ointment and Powder**. By doing so, the system reduced product selection from 13 products to 7, reducing costs and inventory, and simplifying product selection for staff.



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

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.

*Medline Remedy® CLINICAL Hydrating Spray Cleanser and Zinc Oxide Paste Skin Protectant are registered trademarks of Medline Industries, LP.

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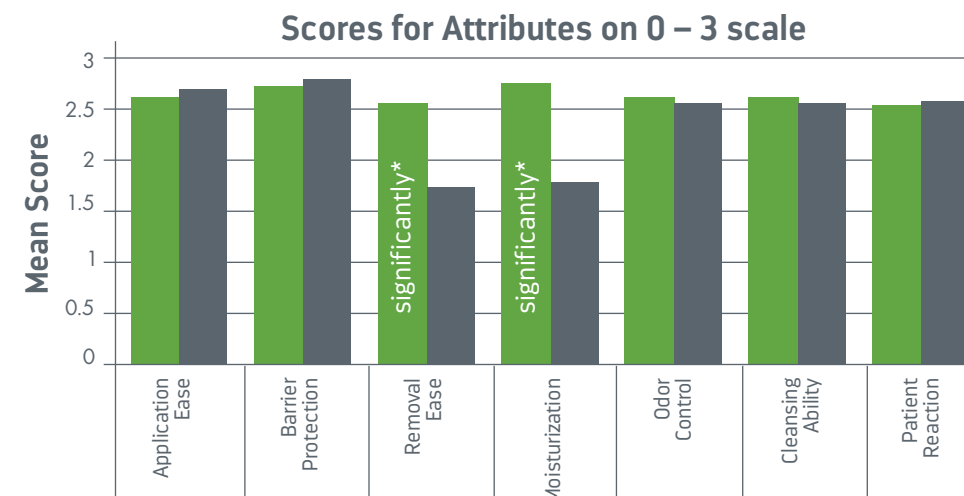
Debashish Chakravarthy, PhD VP, Clinical and Technical Strategy

Medline Industries, LP.

*Data on file, available on request.

Graph 1

Survey measured staff satisfaction based on 7 product attributes



Survey analysis

- Healthcare providers were more satisfied with **Product Line A** in four of the seven categories from the survey.
- Healthcare providers were ***significantly** more satisfied with **Product Line A** in two of the seven categories from the survey.
- Healthcare 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 **Remedy CLINICAL** 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 CLINICAL Hydrating Cleansers, Skin Cream, Silicone Cream, Zinc Oxide Paste, and Antifungal Ointment and Powder

Product Line B
Competitor product line

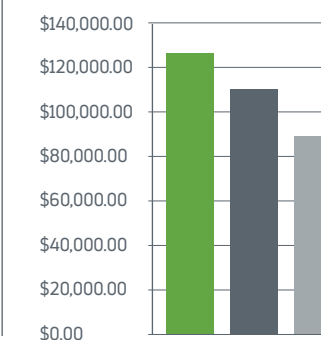
Previous
Assortment of 13 products from various vendors

Expected cost savings for the first year were estimated at:

\$40K

Graph 2

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



5 Case study

A single-center evaluation of a dermal management product suite to prevent pressure ulcers and skin tears

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.¹

Objectives

To evaluate the impact of a new dermal management suite of products² on hospital acquired pressure ulcer (HAPU) and skin tears.

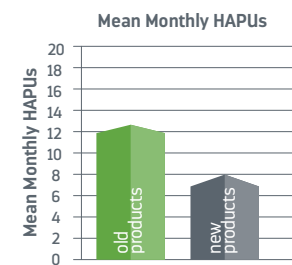
Methods

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.

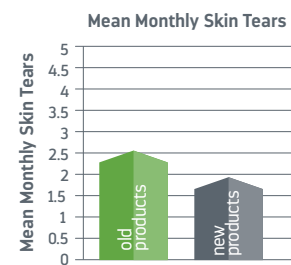
Results

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 monthly means are shown in graphs 1 and 2.

Graph 1



Graph 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.



Reduction in HAPU's
after new regimen was adopted



Reduction of skin tears
after the new regimen was adopted

References

- Brem H, Maggi J, Nierman D, et al. High cost of stage IV pressure ulcers. *Am J Surg.* 2010;200(4):473-477.
- Product used in study were **Remedy CLINICAL Hydrating Cleansing Gel, Skin Cream, Silicone Cream and Zinc Oxide Paste Skin Protectant.** FitRight Plus disposable briefs and Marathon cyanoacrylate skin protectant were also used in the test regimen.

^{*}Medline Remedy® CLINICAL Hydrating Spray Cleanser and Zinc Oxide Paste Skin Protectant are registered trademarks of Medline Industries, LP.

^{*}Data on file, available on request.

6 Lab study

An evaluation and comparison of skin protectant cleansing cloth performance

In an effort to increase efficiency and consistency of incontinence care, there has been increased interest in, and use of, multi-purpose cleansing cloths.

Objectives

Perform a study to quantify and compare the cleaning properties of the two leading multi-purpose cloths.¹

Methods

Abdominal-Ventral swine skin flaps, used in similar skin product studies(1,2), were chosen for this in-vitro test. Each was given a 5 cm test strip line using a black chisel marker, then wiped 4 times with a cloth. Afterwards, each site was digitally scanned and processed to quantify cleansing performance as a **Mean Gray Value** (average gray area in each test section).

Results

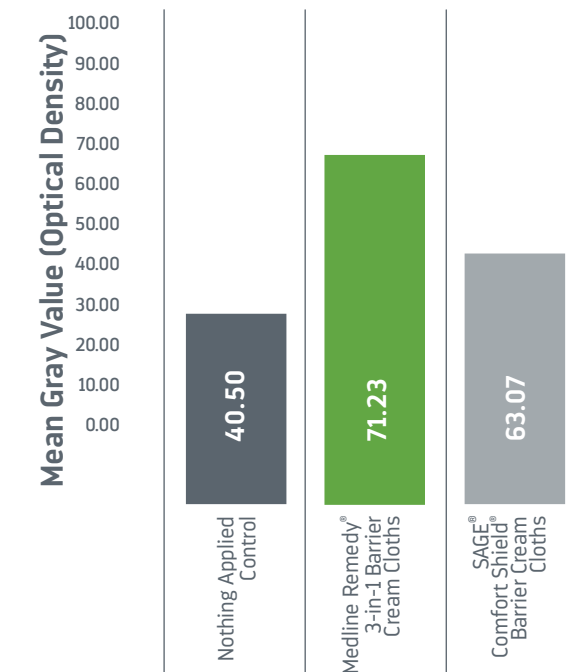
As the graph shows, the results suggest **Medline Remedy® CLINICAL Barrier Cream Cloths** were significantly (p<0.05) better in cleansing the marker ink.

References

- Tested products were **Medline Remedy® CLINICAL Barrier Cream Cloths** and **Sage® Comfort Shield® Barrier Cream Cloths**.
- Thomas, S., "Effect of skin protectants on dye uptake", Data on file.
- Perry, et al., "Evaluation of Skin Protectant Barrier Performance; a comparison of various commercially available products", August 2014. Data on file.

Graph 1

An evaluation & comparison of skin protectant cleansing cloth performance



Remedy CLINICAL 3-in-1 Barrier Cream Cloths **performed significantly better** over the leading competitive barrier cream cloths

Considerations

Many facilities have found that the use of incontinence cloths with added skin benefits help facilitate care and compliance by eliminating additional steps.

^{*}Medline Remedy® CLINICAL 3-in-1 Barrier Cream Cloths is a registered trademark of Medline Industries, LP.

^{*}Data on file, available on request.

TEWL (transepidermal water loss)

A measure of skin moisture used as an indicator of skin barrier function

This is a summary of a clinical study by independent researchers. It revealed that **Remedy CLINICAL Skin Cream** significantly reduces transepidermal water loss (TEWL) after application, and prevents TEWL nine times better than the leading competitor 24 hours after application.⁶

Transepidermal water loss (TEWL) is a measure of the skin's ability to maintain moisture, and is an indicator of skin barrier function.⁷ **Remedy CLINICAL Skin Cream** have been shown to help prevent excess water loss from skin. Although skin creams exhibit great clinical value, not all brands prevent moisture loss equally.

Objective

Measure TEWL of participants applied with **Remedy CLINICAL Skin Cream** compared to a leading competitor at sequential time points post-application.

Study Methodology

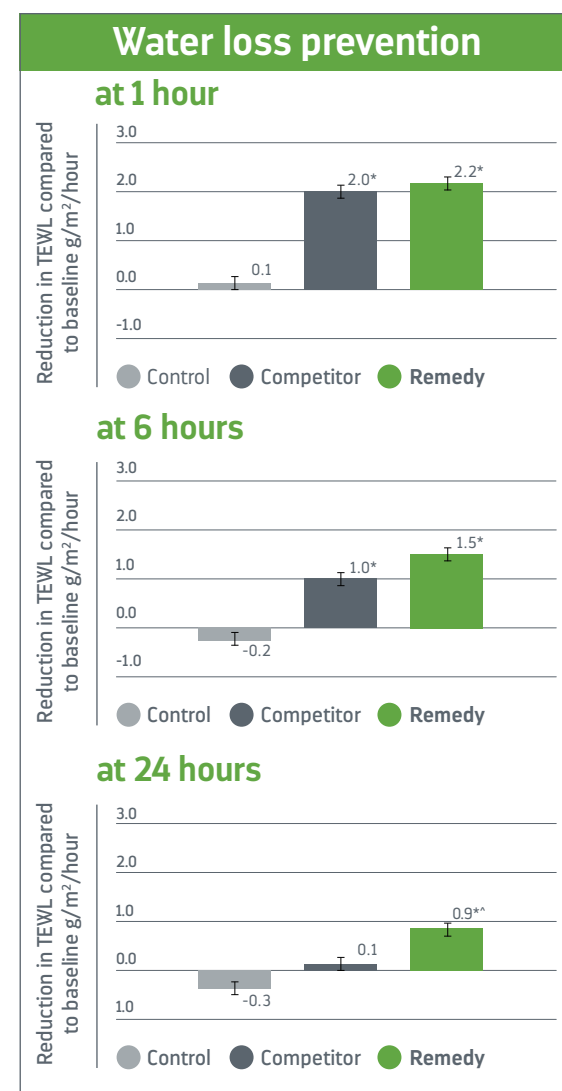
- Twenty research participants.
- Participants were applied with **Remedy CLINICAL Skin Cream**, the leading competitor cream, and no cream at all.

TEWL was measured at sequential time points

- Prior to product application
- 1 hour after application
- 6 hours after application
- 24 hours after application

Results

* TEWL reduction significantly greater than baseline reading
^ TEWL reduction significantly greater than Competitor.
Error bars represent ± one standard error of the mean.



Baby Lotion Skin Hydration Study

Neonatal skin loses water faster than adult skin, making hydration an important aspect of maintaining skin health in infants.

Objective

This study compared how **Medline Remedy® Baby Lotion** and **Johnson's® Baby Lotion** hydrate the skin at three different time intervals.

Methodology

- Single-blind randomized study
- 48 adult participants

A fixed amount (1 g) of **Medline Remedy® Baby Nourishing Lotion** or **Johnson's® Baby Lotion** was randomly applied to two defined areas (4 in² each) on each participant's inner forearm. An identical area of skin was left untreated as the control. Skin hydration measurements were taken at the application and control sites using a Corneometer® at 15 minutes, 1 hour, and 6 hours after application. The moisturizing ability of each lotion was calculated as the mean of the differences between treated and untreated skin.

Results

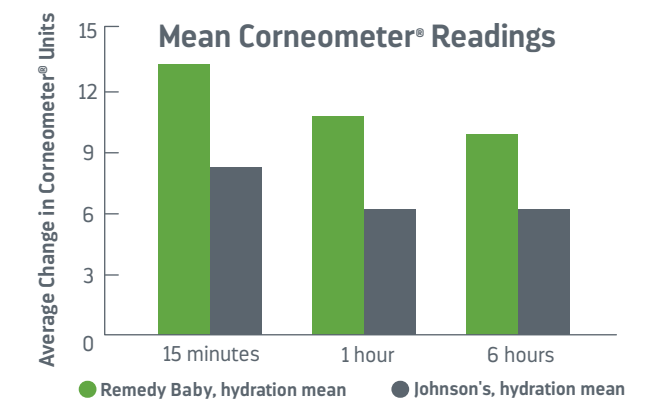
As the chart shows, **Medline Remedy® Baby Nourishing Lotion** was found to be significantly more hydrating than **Johnson's® Baby Lotion** at each time period tested. (Graph 1).



Medline Remedy® Baby Nourishing Lotion showed higher hydration levels at 15 minutes, 1 hour and 6 hours.



Graph 1



Graph 1: Mean corneometer readings, as compared to control, between **Medline Remedy® Baby Nourishing Lotion** and **Johnson's® Baby Lotion** at three different time intervals. T-test P values: 0.0001 at 15 minutes, 0.0001 at 1 hour and <0.02 at 6 hours.

Sebum Study

An investigation into the efficacy of Remedy CLINICAL Shampoo & Body Wash

Sebum Insight

Sebaceous glands produce sebum to protect and hydrate skin. Too much sebum may lead to oily skin, flaking of skin and scalp, and clogged pores. Too little sebum may lead to dryness and irritation.

Objective

Evaluate the efficacy of the test product intended to improve the overall condition of hair and skin in scalp areas. Efficacy was evaluated:

1. Objectively, by employing using Sebumeter* measurements for lipid content
2. Subjectively, via test subject self-assessment questionnaire responses

*Sebumeter SM 810 PC (Courage + Khazaka electronic GmbH)

Methodology

Sebumeter measurements were collected in 3 areas of the scalp before, and again 24 hours after, a single use of the test product. In addition, all participants completed a self-assessment questionnaire addressing consumer perception at the conclusion of the study.



Key Consideration

Because test product is formulated for all hair types, test subjects were selected to cover a range of ages and ethnicities, as follows:

- 24 test subjects, 20 – 70 years of age
- 12 Caucasians
- 6 Hispanics
- 6 African Americans

Respondents reported no previous skin, hair or health conditions which might affect results, and agreed not to use oil reduction products 72 hours before study. All received the same usage instructions.

*Medline Remedy® CLINICAL Shampoo & Body Wash is a registered trademark of Medline Industries, LP.

*Data on file, available on request.

Questionnaire Results

Responses corroborated the information obtained from Sebumeter results. Majority of test subjects agreed that their hair felt clean (**79.17%**) and significantly softer (**54.17%**) and their scalp felt hydrated (**70.83%**).

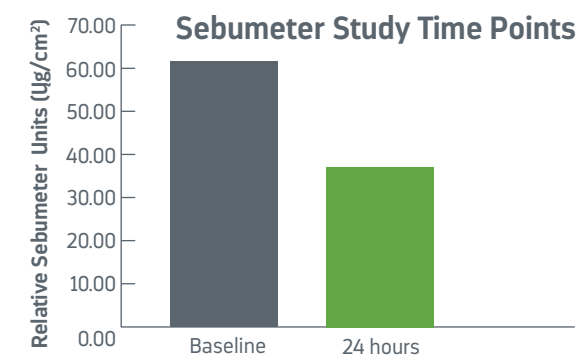
No adverse effects or unexpected reactions

of any kind were observed on any of the subjects.

64%

Reduction in sebum level

Graph 1



Conclusion

Objective and subjective testing demonstrated Remedy CLINICAL Shampoo & Body Wash to be effective in improving overall feel and look of hair and skin in scalp areas.



Design your perfect **REMEDY**

- B** baby
 - E** ESSENTIALS
 - C** CLINICAL
 - S** SPECIALIZED
- ▶ uses dispenser REMPUSHGRAY or REMPUSHBLAC

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



CLEANSE

- B** MSC092FFW01, 1 oz, Unscented Baby Shampoo & Body Wash, 144/cs
MSC092FW02, 2 oz, Scented Baby Shampoo & Body Wash, 144/cs
MSC092FFW02, 2 oz, Unscented Baby Shampoo & Body Wash, 144/cs
MSC095006, 2 oz, Scented Baby Shampoo & Body Wash, 96/cs
MSC095020, 4 oz, Scented Baby Shampoo & Body Wash, 60/cs
MSC095022, 8 oz, Scented Baby Shampoo & Body Wash, 36/cs
MSC095024, 16 oz, Scented Baby Shampoo & Body Wash, 12/cs
- E** MSC092SBW02, 2 oz, Scented Shampoo & Body Wash, 96/cs
MSC092SBW04, 4 oz, Scented Shampoo & Body Wash, 60/cs
MSC092SBW08, 8 oz, Scented Shampoo & Body Wash, 36/cs
MSC092SBW128, 1 gallon, Scented Shampoo & Body Wash, 4/cs
MSC098303, 1000 mL, Scented Shampoo & Body Wash, 12/cs
MSC095060, 8 oz, Scented Shampoo & Body Wash, 48/cs
MSC095062, 1 gallon, Scented Shampoo & Body Wash, 4/cs
MSC09104, 4 oz, Unscented No-Rinse Cleansing Foam, 24/cs
MSC09108, 8 oz, Unscented No-Rinse Cleansing Foam, 12/cs
MSC095328, 4 oz, Unscented No-Rinse Spray, 48/cs
MSC095206, 8 oz, Unscented No-Rinse Spray, 36/cs
MSC095200, 1 gallon, Unscented No-Rinse Spray, 4/cs
MSC090472, 3.5 oz, Scented Bath Oil, 96/cs
- C** MSC092002, 2 oz, Scented Hydrating Shampoo & Body Wash, 96/cs
MSC092004, 4 oz, Scented Hydrating Shampoo & Body Wash, 48/cs
MSC092008, 8 oz, Scented Hydrating Shampoo & Body Wash, 12/cs
MSC092016, 16 oz, Scented Hydrating Shampoo & Body Wash, 12/cs
▶ MSC092034, 1000 mL, Scented Hydrating Shampoo & Body Wash, 8/cs
MSC092104, 4 oz, Scented No-Rinse Foam Cleanser, 24/cs
MSC092104UNSC, 4 oz, Unscented No-Rinse Foam Cleanser, 24/cs
MSC092108, 8 oz, Scented No-Rinse Foam Cleanser, 12/cs
MSC092204, 4 oz, Scented Hydrating Spray Cleanser, 24/cs
MSC092208, 8 oz, Scented Hydrating Spray Cleanser, 12/cs
MSC092308, 8 oz, Scented Hydrating Body Lotion, 12/cs
MSC092HC02, 2 oz, Scented Hair Conditioner, 12/cs
- S** MSC098FOAM04, 4 oz, Unscented No-Rinse Foam Cleanser, 24/cs
MSC098FOAM08, 8 oz, Unscented No-Rinse Foam Cleanser, 12/cs

MOISTURIZE

- B** MSC095007, 2 oz, Scented Baby Lotion, 96/cs
MSC092FFB02, 2 oz, Unscented Baby Lotion, 96/cs
MSC095018, 4 oz, Scented Baby Lotion, 60/cs
MSC095052, 4 oz, Scented Baby Moisturizing Oil, 60/cs
MSC092LBABY, 0.15 oz, Unscented Baby Lip Balm, 36/cs
- E** MSC092MBL02, 2 oz, Unscented Body Lotion, 96/cs
MSC092MBL04, 4 oz, Unscented Body Lotion, 60/cs
MSC092MBL08, 8 oz, Unscented Body Lotion, 36/cs
MSC095361, 2 oz, Scented Body Lotion, 96/cs
MSC095368, 4 oz, Scented Body Lotion, 48/cs
MSC095362, 8 oz, Scented Body Lotion, 12/cs
MSC095434, 16 oz, Scented Body Lotion, 12/cs
MSC095364, 1 gal, Scented Body Lotion, 4/cs
MSC095330, 2 oz, Scented Skin Cream, 12/cs
MSC095332, 8 oz, Scented Skin Cream, 12/cs
MSC092LB15, 0.15 oz, ESSENTIALS Lip Balm, 36/cs
- C** MSC0924002, 2 oz, Scented Skin Cream, 24/cs
MSC0924002UNS, 2 oz, Unscented Skin Cream, 24/cs
MSC0924004, 4 oz, Scented Skin Cream, 12/cs
MSC0924004UNS, 4 oz, Unscented Skin Cream, 12/cs
MSC092408, 8 oz, Scented Skin Cream, 24/cs
MSC092416, 16 oz, Scented Skin Cream, 12/cs
MSC092416UNSC, 16oz, Unscented Skin Cream, 12/cs
MSC092432, 32 oz, Scented Skin Cream, 12/cs
MSC092432UNSC, 32 oz, Unscented Skin Cream, 12/cs
▶ MSC092434, 1000 mL, Scented Skin Cream, 8/cs
▶ MSC092434UNSC, 1000 mL, Unscented Skin Cream, 8/cs
MSC092402PACK, 4 mL, Scented Skin Cream, 144/gr
MSC092915, 0.15 oz, CLINICAL Lip Balm, 36/cs
- S** MSC0924402, 2 oz, Scented Skin Cream, 24/cs
MSC0924402UNS, 2 oz, Unscented Skin Cream, 24/cs
MSC0924404, 4 oz, Scented Skin Cream, 12/cs
MSC0924404UNS, 4 oz, Unscented Skin Cream, 12/cs
MSC0924432, 32 oz, Scented Skin Cream, 12/cs
MSC0924432UNS, 32 oz, Unscented Skin Cream, 12/cs
▶ MSC0924434, 1000 mL, Scented Skin Cream, 8/cs
▶ MSC0924434UNS, 1000 mL, Unscented Skin Cream, 8/cs
MSC092404PACK, 4 mL, Scented Skin Cream, 144/gr
MSC098HS02, 2 oz, Unscented Hydrating Serum, 24/cs
MSC098HS04, 2 oz, Unscented Hydrating Serum, 12/cs
MSC098HSPACK, 4 mL, Unscented Hydrating Serum, 144/gr

PREVENT

- B** MSC092BFB, 0.5 oz, Unscented Baby Nursing Balm, 50/cs
- E** MSC095380, 2 oz, Unscented Barrier Ointment, 12/cs
MSC095435, 3.5 oz, Unscented Barrier Ointment, 12/cs
MSC095382, Unscented Barrier Ointment, 7 oz, 12/cs
MSC095384, 0.18 oz, Unscented Barrier Ointment, 144/gr
MSC095094, 4 oz, Vitamin A & D Ointment, 12/cs
MSC095034, Petroleum Jelly, 4 oz, 12/cs
MSC095394, 1.5 oz, Scented Cornstarch Powder, 48/cs
MSC095390, 4 oz, Scented Cornstarch Powder, 36/cs
MSC095392, 14 oz, Scented Cornstarch Powder, 12/cs
- C** MSC092532, 2 oz, Scented Silicone Cream, 24/cs
MSC092534, 4 oz, Scented Silicone Cream, 12/cs
MSC092534PACK, 4 g, Scented Silicone Cream, 144/gr
MSC092532UNSC, 2 oz, Unscented Silicone Cream, 24/CS
MSC092534UNSC, 4 oz, Unscented Silicone Cream, 12/CS
MSC092503, 3 cloths, Scented Barrier Cream Cloths, 45/CS
MSC092507, 8 cloths, Scented Barrier Cream Cloths, 32/CS
MSC092548, 48 cloths, Scented Barrier Cream Cloths, 12/CS
- S** MSC092562, 2 oz, Unscented Silicone Cream, 24/cs
MSC092564, 4 oz, Unscented Silicone Cream, 12/cs
MSC092564PACK, 4 g, Unscented Silicone Cream, 144/gr
MSCWH219S, 1 Sheet (10 x 36"), Drigo-HP™ Wicking Sheet, 50 sheets/cs
MSCWH219, 1 Roll (10 x 144"), Drigo-HP™ Wicking Sheet, 10 roll/cs

PROTECT

- E** MSC092ZP04, 4 oz, Unscented Zinc Oxide Paste, 12/cs
MSC092ZP04PAC, 0.18 oz, Unscented Zinc Oxide Paste, 144/gr
- C** MSC092542, 2 oz, Scented Zinc Oxide Paste, 24/cs
MSC092544, 4 oz, Scented Zinc Oxide Paste, 12/cs
MSC092544PACK, 4 g, Scented Zinc Oxide Paste, 144/gr
- S** MSC092502, 2.5 oz, Unscented Clear Zinc Ointment, 24/cs
MSC092552, 2 oz, Unscented Zinc Oxide Paste with Menthol, 24/cs
MSC092554, 4 oz, Unscented Zinc Oxide Paste with Menthol, 12/cs
MSC092554PACK, 0.14 oz, Unscented Zinc Oxide Paste with Menthol, 144/gr
325614, 4 oz, Unscented Extra Thick Zinc Oxide Paste, 12/cs

TREAT

- C** MSC092625, 2.5 oz, Unscented Antifungal Ointment, 12/cs
MSC092603, 3 oz, Scented Antifungal Powder, 12/cs
MSC092604, 4 oz, Unscented Antifungal Cream 12/cs

 **CLEANSE**

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, zeo 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, methylidihydrojasmonate

No-Rinse Cleansing Foam (Unscented)
(MSC092104UNSC)

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, zeo 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), vanilla planifolia fruit extract, yeast ferment extract, Peg-12 dimethicone, hydrolyzed soy protein, zeo mays (corn) oil, 7-dehydrocholesterol, phenoxyethanol, caprylic/capric triglycerides, phospholipids, tocopheryl acetate, ethylhexylglycerin, glycerin, sodium hydroxide, disodium edta, ethylene brassylate, Isopropyl myristate, methylidihydrojasmonate

Hydrating Cleansing Spray (Scented)
(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, zeo 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 (Scented)
(MSC092308)

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, zeo 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

Hair Conditioner (Scented)
(MSC092HC02)

Ingredients:

Purified water, glycerin, zemea propanediol, cetearyl alcohol, behentrimonium chloride, varisoft BTMS, helianthus annuus (sunflower) seed oil, cocos nucifera (coconut) oil, simmondsia chinensis (jojoba) seed oil, hydresia SF2, botanistat PF-64, dermal RX KGMA, dermal RX SP, dermal RX hydroseal CLD, vanilla crème Fragrance, pentavitin, sodium hydroxide

 **MOISTURIZE**

Skin Cream (Unscented)
(MSC0924002UNSC, MSC0924004UNSC, MSC092416UNSC, MSC092432UNSC & MSC092434UNSC)

Ingredients:

Water, carthamus tinctorius (safflower) seed oil, glycerin, stearic acid, aphanizomenon flos-aquae (algae) extract, camellia sinensis (green tea) leaf extract, eugenia caryophyllus (clove) flower, carthamus tinctorius (safflower) oleosomes, hyaluronic acid, arginine, hydrolyzed soy protein, yeast ferment hyaluronic acid extract, phospholipids, zeo mays (corn) oil, 7-dehydrocholesterol, caprylic/capric triglyceride, trisodium ethylenediamine disuccinate, tocopheryl acetate, citric acid, caprylyl glycol, ethylhexylglycerin, hexylene glycol, phenoxyethanol, extract, cetearyl alcohol, dimethicone, glyceryl stearate, PEG-100 stearate

Skin Cream (Scented)
(MSC0924002, MSC0924004, MSC092408, MSC092416, MSC092432, MSC092434 & MSC092402PACK)

Ingredients:

Water, carthamus tinctorius (safflower) seed oil, glycerin, stearic acid, 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, zeo mays (corn) oil, 7-dehydrocholesterol, caprylic/capric triglyceride, trisodium ethylenediamine disuccinate, tocopheryl acetate, citric acid, caprylyl glycol, ethylhexylglycerin, hexylene glycol, phenoxyethanol, vanilla planifolia fruit extract, cetearyl alcohol, dimethicone, glyceryl stearate, PEG-100 stearate, isopropyl myristate, ethylene brassylate, methylidihydrojasmonate

Lip Balm (Scented)
(MSC092915)

Ingredients:

Helianthus annuus (sunflower) seed oil, glycine soja (soybean) oil, cera alba (beeswax), euphorbia cerifera (candelilla) wax, flavor cannabis sativa (hemp) seed oil, mangifera indica (mango), seed butter, limanthes alba (meadowfoam) seed oil, zeo mays (corn) starch, hydrolyzed corn starch, simmondsia chinensis (jojoba) seed oil, rosmarinus officinalis (rosemary) leaf extract, aloe barbadensis (aloe vera) leaf extract, tocopherol, methyl disopropyl propionamide, ethyl menthane carboxamide, menthyl lactate, lauryl laurate, glyceryl oleate, butyrospermum parkii, chamomilla recutita (matricaria), isomerized safflower acid, palmitoyl tripeptide-5, resveratrol, punica granatum oil, dimethyl sulfone, ceramide, glyceryl stearate, glycerin, sucralose, sorbitan monooleate, aqua, butylene glycol, aphanizomenon flos-aquae extract, hydrolyzed soy protein, camellia sinensis extract, soy amino acids, yeast extract, eugenia caryophyllus (clove) flower extract, phospholipids, cholecalciferol

 **PREVENT**

Silicone Cream (Unscented)
(MSC092532UNSC & MSC092534UNSC)

Ingredients:

Water, cyclopentasiloxane, divinyl dimethicone/dimethicone copolymer, dimethicone, dimethiconol, PEG/PPG-18/18 dimethicone, lauryl PEG-9 polydimethylsiloxyethyl dimethicone, propanediol, sodium chloride, dimethicone crosspolymer, cathamus tinctorius (seaflow) 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, zeo 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

Silicone Cream (Scented)
(MSC092532, MSC092534 & MSC092534PACK)

Ingredients:

Water, cyclopentasiloxane, divinyl dimethicone/dimethicone copolymer, dimethicone, dimethiconol, PEG/PPG-18/18 dimethicone, lauryl PEG-9 polydimethylsiloxyethyl dimethicone, propanediol, sodium chloride, dimethicone crosspolymer, cathamus tinctorius (seaflow) 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, zeo 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, methyl dihydrojasmonate

Barrier Cream Cloth (Scented)
(MSC092503, MSC092507, MSC092508 & MSC092548)

Active Ingredients:

Dimethicone 3.6%

Inactive Ingredients:

Water, glycerin, glycine soja (soybean) oil, algae extract, camellia sinensis (green tea) extract, eugenia caryophyllus (clove) flower extract, butyrospermum parkii (shea butter) extract, lecithin, hydrolyzed soy protein, allantoin, phospholipids, C12-20 alkyl glucoside, C14-22 alcohols, cetyl alcohol, disodium cocoamphodiacetate, caprylic/capric triglyceride, citric acid, cocoglucoside, coconut alcohol, ethylene brassylate, ethylhexylglycerin, butylene glycol, isopropyl myristate, methyl dihydrojasmonate, yeast ferment extract, phenoxyethanol, tocopheryl acetate, urea, 7-dehydrocholesterol, helianthus annuus (sunflower) seed oil, zeo mays (corn) oil, vanilla planifolia fruit extract, hydroxyethyl acrylate/sodium acryloyl dimethyl taurate copolymer, iso hexadecane, polysorbate 60

 **PROTECT**

Zinc Oxide Paste (Scented)
(MSC092542, MSC092544 & MSC092544PACK)

Active Ingredients:

White Petrolatum 57%

Zinc Oxide 17%

Inactive Ingredients:

7-dehydrocholesterol, aphanizomenon flos-aquae (algae) extract, camellia, sinensis (green tea) extract, caprylic/capric triglycerides, cocos nucifera (coconut) oil, corn starch, dimethicone, ethylene brassylate, eugenia caryophyllus (clove) flower extract, glycerin, hydrolyzed soy protein, Isopropyl myristate, manuka Honey, methyl dihydrojasmonate, olea europaea (olive) fruit oil, parriffin, Wax, Phospholipids, tocopheryl acetate, vanilla planifolia fruit extract, water, yeast ferment extract, zeo mays (corn) oil

 **TREAT**

Antifungal Cream (Scented)
(MSC092604)

Active Ingredients:

Miconazole Nitrate 2%

Inactive Ingredients:

Acrylamide/ammonium acrylate copolymer, aloe barbadensis leaf juice, apricot kernel oil PEG-6 esters, ascorbic acid, ascorbyl palmitate, cetyl dimethicone, cholecalciferol, citric acid, citrus aurantium dulcis peel oil, citrus grandis peel oil, citrus tangerina peel oil, diazolidinyl urea glycine, glycine soja oil, glycol stearate, hydroxytyrosol, l-proline, l-taurine, methylparaben, methylsulfonylethane, n-acetyl-l-cysteine, niacinamide, olea europaea fruit oil, PEG-6 stearate, PEG-8, PEG-32 stearate, polyisobutene, polysorbate-20, propanediol, propylene glycol, propylparaben, pyridoxine HCl, retinyl palmitate, silica, tocopherol, triethanolamine, vanilla, water, zeo mays oil

Antifungal Ointment (Unscented)
(MSC092625)

Active Ingredient:

Miconazole Nitrate 2%

Inactive Ingredients:

7-dehydrocholesterol, aphanizomenon flos-aquae (algae) extract, camellia sinensis (green tea) extract, caprylic/capric triglycerides, carboxymethyl cellulose, carthamus tinctorius (safflower) seed oil, dimethicone, eugenia caryophyllus (clove) flower extract, glycerin, hydrolyzed soy protein, olea europaea fruit (olive) oil, petrolatum, phospholipids, tocopherol acetate, water, yeast ferment extract, zeo mays (corn) oil

Antifungal Powder (Scented)
(MSC092603)

Active Ingredients:

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) a flower extract, glycerin, hydrolyzed soy protein, isopropyl myristate, methyl dihydrojasmonate, silica, tocopheryl acetate, vanilla planifolia fruit extract, yeast ferment extract, zeo mays (corn) oil, zeo mays (corn) starch

 **CLEANSE**

No-Rinse Foam Cleanser (Unscented)
(MSC098FOAM04 & MSC098FOAM08)

Ingredients:

Water, coco-glucoside, cocamidopropyl betaine, sodium lauryl lactylate, eugenia caryophyllus (clove) flower exact, camelia 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

 **MOISTURIZE**

Skin Cream (Unscented)
(MSC0924402UNS, MSC0924404UNS,
MSC0924432UNS & MSC0924434UNS)

Active Ingredient:

Dimethicone 1.575%.

Inactive Ingredients:

Purified water, canola oil, glycerin, stearic acid, glyceryl stearate SE, propanediol, stearyl alcohol, cetyl alcohol, olea europaea (olive) fruit oil, PEG-100 stearate, phenoxyethanol, arginine, olea europaea leaf extract, glycine, acetyl cysteine, dimethyl sulfone, PEG-8, retinyl palmitate, ethylhexylglycerin, tetrasodium glutamate diacetate, taurine, zea mays oil, oleuropein, tocopherol, proline, niacinamide, pyridoxine HCL, aloe barbadensis leaf powder, hydrated silica, olea europaea leaf powder, ascorbyl palmitate, citric acid, ascorbic acid, cholecalciferol

Skin Cream (Scented)
(MSC0924402, MSC0924404, MSC0924432,
MSC0924434 & MSC092404PACK)

Active Ingredient:

Dimethicone 1.575%.

Inactive Ingredients:

Purified water, canola oil, glycerin, stearic acid, glyceryl stearate SE, propanediol, stearyl alcohol, cetyl alcohol, olea europaea (olive) fruit oil, PEG-100 stearate, phenoxyethanol, arginine, fragrance, olea europaea leaf extract, glycine, acetyl cysteine, dimethyl sulfone, PEG-8, retinyl palmitate, ethylhexylglycerin, tetrasodium glutamate diacetate, taurine, zea mays oil, oleuropein, tocopherol, proline, niacinamide, pyridoxine HCL, aloe barbadensis leaf powder, hydrated silica, olea europaea leaf powder, ascorbyl palmitate, citric acid, ascorbic acid, cholecalciferol

Hydrating Serum U20 Complex (Unscented)
(MSC098HS02, MSC098HS04, MSC098HSPACK)

Ingredients:

Purified water, urea, propylene glycol, cyclopentasiloxane, cyclomethicone, PEG/PPG-18/18 dimethicone, gluconolactone, ammonium glycolate, glycolic acid, dimethiconol, l-arginine, chlorphenesin, phenoxyethanol, caprylyl glycol, and ammonium hydroxide

 **PREVENT**

Silicone Cream (Unscented)
(MSC092562, MSC092564 & MSC092564PACK)

Active Ingredient:

Dimethicone 12.5%

Inactive Ingredients:

7-dehydrocholesterol, aphanizomenon flos-aquae (algae) extract, bisabolol, brassica campestris (rapeseed) sterols, camellia sinensis (green tea) leaf extract, caprylic/capric triglycerides, carthamus tinctorius (safflower) oleosomes, cetylhydroxyproline palmitamide, cholecalciferol, dimethicone crosspolymer, dimethiconol, divinylmethicone/dimethicone copolymer emulsion, eugenia caryophyllus (clove) flower extract, glycerin, hexyldecanol, hydrolyzed soy protein, jojoba esters, lauryl olea europaea (olive) oil, PEG/PPG-18/18 dimethicone, phenoxyethanol, phospholipids, phytonadione, propanediol, purified water, sodium chloride, stearic acid, tocopheryl acetate, yeast ferment extract, zea mays (corn) oil

 **PROTECT**

Zinc Oxide Paste with Menthol (Scented)
(MSC092552, MSC092554 & MSC092554PACK)

Active Ingredients:

Menthol 0.44%

White Petrolatum 53%

Zinc Oxide 20.6% (18% Zinc Oxide, 2.6% Calamine)

Inactive Ingredients:

7-dehydrocholesterol, aphanizomenon flos-aquae (algae) extract, beeswax, bisabolol, brassica campestris (rapeseed) sterols, calamine, camellia sinensis (green tea) extract, caprylic/capric triglycerides, carthamus tinctorius (safflower) seed oil, cetylhydroxyproline palmitamide, cholecalciferol, cocos nucifera (coconut) oil, corn starch, dimethicone, eugenia caryophyllus (clove) flower extract, glycerin, hexyldecanol, hydrolyzed soy protein, manuka honey, olea europaea (olive) fruit oil, phospholipids, phytonadione, simmondsia chinensis (jojoba) seed oil, stearic acid, tocopheryl acetate, water, yeast ferment extract, zea mays (corn) Oil

Clear Zinc Ointment (Unscented)
(MSC092502)

Active Ingredients:

White Petrolatum 71.5%

Zinc Oxide 1.00%

Inactive Ingredients

7-dehydrocholesterol, aphanizomenon flos-aquae (algae) extract, camellia sinensis (green tea) leaf extract, caprylic/capric triglycerides, corn starch, dimethicone, eugenia caryophyllus (clove) flower extract, glycerin, guar gum, hydrolyzed soy protein, manuka honey, phospholipids, tocopherol acetate, water, yeast ferment extract, zea mays (corn) oil

Extra Thick Zinc Oxide Paste (Unscented)
(325614)

Ingredients:

White petrolatum, USP, sodium carboxymethylcellulose, USP, zinc oxide, USP, purified water, USP, polyether modified polysiloxane, (abil WE 09), steric acid, NF, glycerin, USP 96%, phenoxyethanol

 **CLEANSE**

Shampoo & Body Wash Gel (Scented)
(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 (Scented)
(MSC095328, MSC095206 & MSC095200)

Ingredients:
Water, cocamidopropyl betaine, TEA-lauryl, sulfate, propylene glycol, PEG-75 lanolin, DMDM hydantoin, tetrasodium EDTA, citric acid, aloe barbadensis leaf juice

No-Rinse Foam (Scented)
(MSC09104 & MSC09108)

Ingredients:
Water, cocamidopropyl betaine, propylene glycol, disodium cocamphodiactate, phenoxyethanol, cocamidopropyl PG-dimonium chloride phosphate, allantoin, ethylhexylglycerin, hydroxyethylcellulose, disodium EDTA

 **MOISTURIZE**

Body Lotion (Scented)
(MSC092MBL02, MSC092MBL04 & MSC092MBL08)

Ingredients:
Water, mineral oil, glycerin, atearic acid, cetyl alcohol, glyceryl monostearate, methylparaben, triethanolamine, dimethicone, propylparaben, carbomer

Lip Balm (Scented)
(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

 **PREVENT**

Barrier Ointment (Unscented)
(MSC095380, MSC095382, MSC095384 & MSC095435)

Active Ingredients:
White petrolatum 98.3%

Inactive Ingredients:
Aloe extract, benzethonium chloride, cholecalciferol (vitamin D), cococaprylate/caprate, corn oil, retinyl palmitate (vitamin A), tocopheryl acetate (vitamin E)

Vitamin A & D Ointment (Unscented)
(MSC095094)

Active Ingredients:
White petrolatum 98.3%

Inactive ingredients:
Corn oil, light mineral oil, vitamin A, palmitate, vitamin D

Petrolatum Jelly (Unscented)
(MSC095034)

Active Ingredients:
White petrolatum 100%

Cornstarch Powder (Scented)
(MSC095394, MSC095390 & MSC095392)

Ingredients:
Cornstarch, sodium bicarbonate, hydrated silica, fragrance

 **PROTECT**

Zinc Oxide Paste (Unscented)
(MSC092ZP04 & MSC092ZP04PAC)

Active Ingredients:
White petrolatum 75%
Zinc oxide 20%

Inactive Ingredients:
Mineral oil

 **CLEANSE**

Baby Shampoo & Body Wash (Unscented)
(MSC092FFW01 & 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

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, tetrasodium edta, citric acid, iodopropynyl butylcarbamate, fragrance

 **MOISTURIZE**

Baby Lotion (Unscented)
(MSC092FFB02)

Ingredients:
Purified water, cocos nucifera (coconut oil), glycerin, stearic acid, phenoxyethanol, cetyl alcohol, glyceryl stearate, triethanolamine, ethylhexylglycerin, dimethicone

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 Moisturizing Oil (Scented)
(MSC095052)

Ingredients:
Mineral oil, fragrance

Baby Lip Balm (Unscented)
(MSC092LBABY)

Ingredients:
Carthamus tinctorius (safflower) seed oil, butyrospermum parkii (shea) oil, euphorbia cerifera (candelilla) wax/cire de candelilla
















 **PREVENT**

Baby Nursing Balm (Unscented)
(MSC092BFB)

Ingredients:
Carthamus tinctorius (safflower) seed oil, butyrospermum parkii (shea) oil, euphorbia cerifera (candelilla) wax/cire de candelilla

REFERENCES

1. Lyder CH, Clemes-Lowrance C, Davis A, Sullivan L, Zucker A. Structured skin care regimen to prevent perineal dermatitis in the elderly. Journal of Enterostomal Therapy Nursing. 1992; 19:12-16.
2. Weschayanwivat P, Scamehorn JF, Reilly PJ. Surfactant properties of low molecular weight phospholipids. J Surfactants and Detergents. 2005 8 (1) 65-72.
3. Product and Ingredient Safety, Selected Cosmetic Ingredients. U.S. Food and Drug Administration. http://www.fda.gov/Cosmetics/ProductandIngredientSafety/Selected_CosmeticIngredients/ucm128042.htm. Accessed on April 21, 2010.
4. CTFA (Cosmetics, Toiletry and Fragrance Association) Monograph ID 9199, From International Cosmetic Ingredient Dictionary and Hand book, Eleventh Edition (2006) Volume 1, Page 264.
5. Miconazole. <http://www.drugbank.ca/drugs/DB01110>. Accessed April 29, 2014.
6. Clinical Study Report: 2018-0172.
7. <https://www.ncbi.nlm.nih.gov/pubmed/12236888>

 Selection Guide*		CLEANSING GELS 	CLEANSING FOAMS & SPRAYS 	MOISTURIZERS 	LIP BALMS 	BARRIER CLOTH 	BARRIERS 	PROTECTANTS 	TREATMENTS 
Product Description		Low sudsing shampoo and body wash for use in the shower or diluted for no-rinse bedside cleansing	No-rinse foaming and spray cleanser for use on hair, face and entire body	Soothe, nourish and help restore and maintain moisture balance	Soothing lip moisturizers	Soft cloth that cleanses, moisturizes, protects and nourishes	Ointment/Cream: Provides smooth, moisturizing film. DriGo-HP: wicks away moisture in skinfolds.	Helps relieve symptoms associated with diaper rash and helps seal out wetness	Effective topical treatments for common fungal infections
	Normal Intact Skin	E C	E C S	E C S B	E C	C	E C S		
	Moderate to Severely Dry Skin	E C B	E C S	E C S B	E C	C	E C S		
	Incontinence Associated Dermatitis		E C S			C	E C S	E C S	
	Denuded, Macerated Wet Skin		E C S					E C S	
	Intertriginous Dermatitis		E C S				S*		C
	Common Fungal		E C S			C			C

E ESSENTIALS
 C CLINICAL
 S SPECIALIZED
 B baby

*DriGo-HP is the Specialized product suggested for this skin state.



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