



LABORATORIES

**Performance.**



[www.dslaboratories.com](http://www.dslaboratories.com)



# INDICATIONS

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## Youth and beauty without surgery or drugs

More radiant color, less visible cellulite, more freshness and confidence, fewer lesions and spots, more hair where we want it, and less where we don't: In the 21st century, we demand youth and beauty in a bottle, and DS Laboratories delivers.

We choose cosmeceuticals, a segment pioneered by DS Laboratories, because face paint no longer satisfies us, but drugs and surgery still frighten us. As we live longer, the insults of aging exert ever-greater social impact, but they also inspire demand for effective topical solutions. Happily, we now understand the biochemical basis of aging and damage. We know what to do about free radicals that attack skin cells, enzymes that lead to hair loss, hormones that trigger acne, and other such conditions.

The high-performance products of DS Laboratories can postpone, reduce, even repair the stigmata of aging and other damage because they are based on published clinical science, not on empty advertising slogans. These elegantly designed cosmeceuticals mean that skin, scalp, and mucosa are not just masked temporarily with makeup, but treated scientifically to look and feel their natural best.

So, for the cost of a night on the town, we can indulge ourselves in measurable, long-lasting rejuvenation, without knives, needles, or drugs.



# CONFIDENT MEN

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## Cutaneous care is not just for women

Men appreciate the skin and scalp treatments of DS Laboratories because they are not makeup. Men don't paint over problems; men fix problems: hair loss, for instance.

Hair plays a huge role in a man's self image. Endogenous aging involves both a decrease of melanocyte function (graying) and the specter of androgenic alopecia (male pattern baldness). Add the exogenous factors of ultraviolet radiation and environmental pollution, and a guy's thinning hair can trigger much fretting and spending.

Balding precipitates a steep decline in self confidence. Long, thick hairs are gradually replaced by short, thin hairs in a predictable pattern until they finally become invisible, a process called miniaturization. Every day becomes a bad hair day, and there is no makeup for baldness, despite those goofy infomercials pitching spray paint for the head.

Standard treatments include costly surgical transplantation, oral drugs with side effects, or topical minoxidil, which works on the vertex of the scalp.

Cutting-edge treatments, however, include procyanidin B-2, Aminexil®, adenosine, and 5 $\alpha$ -reductase inhibitors. One solution, Spectral.DNC-L, contains all four of these proven ingredients in addition to research-grade minoxidil. Short of surgery and drugs, only these scientifically targeted topical ingredients can resurrect a man's hair.

# EARLY COSMETICS

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## Pretty words and pictures to sell makeup

As baby boomers demand youth into middle age, marketers respond with a flood of products but little new science, since the cosmetic industry revolves around fashion, not medicine. In the early 20th century, promises were blatant but rarely informative.

Thousands of ads featured smiling customers in bridal gowns being hauled off by handsome grooms. In 1928, Elizabeth Arden pitched one potion with the line, "Melting purity penetrates every least little pore." "Glamour for You!" squealed a typical ad for cake makeup, which featured an apple-cheeked young woman and promised to make our complexions "more romantic than ever." Who knew what any of it meant?

In reality, cold creams and tonics were concocted by guesswork and folk wisdom, with ingredients that sometimes worked and sometimes didn't. On the benign side, they included glycerine, kohl, and witch hazel. On the scary side, arsenic, mercury, and bleach.

Then the Food, Drug, and Cosmetic Act of 1938 defined a cosmetic as something "rubbed, poured, sprinkled, or sprayed on, introduced into, or otherwise applied to the human body or any part thereof for cleansing, beautifying, promoting attractiveness, or altering the appearance." Cosmetics could claim to make skin *appear* better, but could not claim to make it *be* better.

Today, brands routinely spend \$100,000 art directing, staging, casting, styling, lighting, shooting, and retouching a single luscious image to advertise a single new product.

# EARLY COSMECEUTICALS

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## Cosmetics overlap pharmaceuticals

In 1980, cosmetics and pharmaceuticals overlapped to form a category called cosmeceuticals, a term coined by University of Pennsylvania dermatologist Dr. Albert Kligman. He had discovered that retinoic acid treated acne, and later that it fought wrinkles and reversed other symptoms of aging. Suddenly, retinol began appearing in over-the-counter preparations. Then alpha-hydroxy acids, antioxidants, topical peptides, muscle relaxants, vasodilators, and other compounds made their way into cosmetics.

The new cosmeceutical niche now claims a large share of the personal care, cosmetics, and beauty market because consumers want more science and less fluff. This exploding category is not subject to review or approval by the US Food and Drug Administration, which does not yet recognize the segment, much less regulate it.

Cosmetic manufacturers, celebrity physicians, even fashion brands like Prada attach their names to products they call cosmeceuticals. From expensive booths at lavish trade shows, salespeople offer earnest explanations for their potions. "It's all about the chakras," claims one self-anointed priestess of alchemy.

Ahead of any real standards, however, caveat emptor, let the buyer read the science.





# COSMECEUTICALS TODAY

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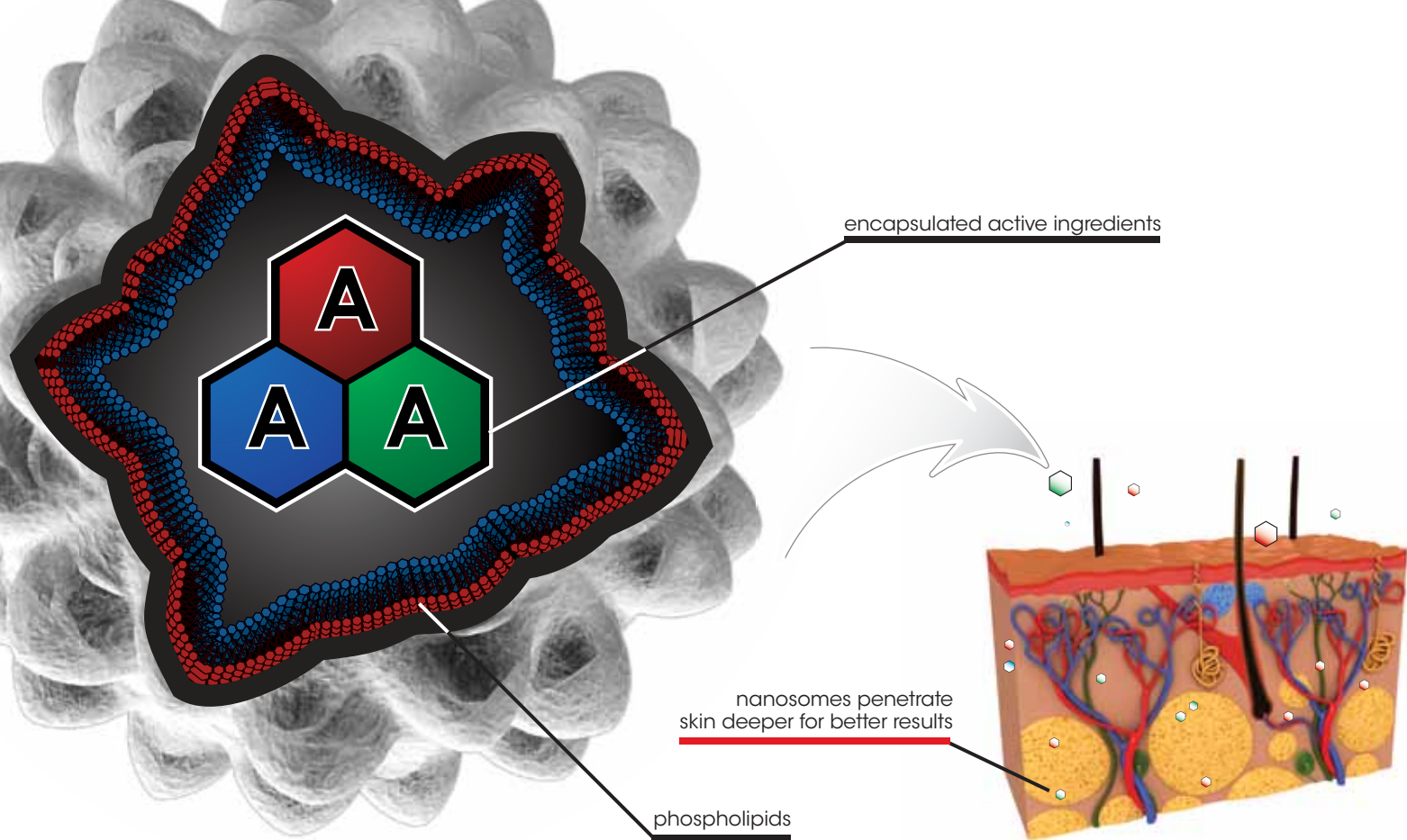
## DS Laboratories pioneers the new segment

An elegantly designed cosmeceutical can grant that age-old wish for younger-looking skin and hair without drugs or surgery. While the makeup industry adopted some of the language of cosmeceuticals, DS Laboratories pioneered the emerging category, because it saw the future.

Now the company occupies the intersection of beauty and medicine, committing to educate consumers on the fast-evolving clinical science packed into each bottle. Finding itself in the right place at the right time, DS Laboratories grew quickly. The cosmeceutical industry that it helped to launch has reached around \$12 billion per year. Without a regulatory framework, however, consumers must continue to inform themselves.

As often happens, science marches ahead of government. Today the Food and Drug Administration still recognizes only two categories, cosmetics and drugs, not the new reality of cosmeceuticals. Yet many researchers and customers understand that certain compounds added to cosmetics can actually improve the skin, not merely its appearance.

DS Laboratories' Dandrene brand, for example, is a cosmetic because it cleans the hair. But it has some properties of a pharmaceutical because its formula inhibits the fungi that generate dandruff, dampens the excess oils that feed them, soothes inflammatory itch, and delivers vitamins, minerals, and amino acids.



# NANOSOMES

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## DS Laboratories delivers active ingredients deeper

Many variables determine the effectiveness of a cosmeceutical. One is delivery mechanism. Active ingredients must be delivered deeply, predictably, and in therapeutic concentration, and they must remain on site long enough to be effective.

To penetrate the epidermis for greater effectiveness, several of the compounds employed by DS Laboratories come encapsulated within Nanosomes. These tiny liposomal microspheres, constructed of phospholipid bilayers, potentiate their valuable cargo by penetrating deeper and releasing it slower, unlike regular carriers that just sit on the surface and dissipate quickly.

Without such encapsulation, compounds clear a site in a single day. Compounds wrapped in standard liposomes perform for up to seven hours. But those wrapped in second-generation Nanosomes, like DS Laboratories' products, persist for over 14 hours, delivering maximum benefits.

# COSMETIC DERMATOLOGY

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## Contributing to a new medical specialty

By developing the field of cosmeceuticals, DS Laboratories has contributed to a whole new specialty in medicine, cosmetic dermatology. Cosmetic dermatologists optimize outcomes by using clinical-trial data on the relative merits of skin-care products. Worldwide interest in cosmetic dermatology increases each year.

DS Laboratories studies the latest cosmetic science: aging skin, photodamage, rejuvenation, genetics, biochemistry, immunology, imaging, measurement, and quality-of-life issues.

DS Laboratories studies the latest cosmetic chemistry: photoprotection, retinoids, emollients, dermopharmacy, toiletries, and skin maintenance.

DS Laboratories also studies clinical cosmetic dermatology: skin types, sensitive skin, oily skin, dry skin, rosacea, acne, sebum, sweat, hair restoration, hair removal, pigmentation, and cellulite.

# DS LIFESTYLE

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## Loyal users commit to DS Laboratories

To achieve the look and feel of youth and beauty requires a commitment to place our goals at the centers of our lifestyles. Educated customers commit to the DS Lifestyle because DS Laboratories trusts them with the science behind the sales talk.

By adopting the DS Lifestyle, users continue to look young and healthy well into middle age, not by painting over blemishes but by eliminating the stigmata of skin disease and aging, as proven through hundreds of clinical trials.

While mass-market cosmetics are made to be sold cheaply, the premium cosmeceuticals of DS Laboratories are formulated to deliver the most effective treatments.

Compare active ingredients. Read the latest science on acne, hair loss, cellulite, and other skin issues. In every category, the DS Laboratories products contain more effective compounds based on more current science working through more pharmacological pathways.

Customers live the DS Lifestyle by practicing consistent application for continuous exposure to these advanced formulas. They stop flirting with every new product that comes in a pretty box. Instead, they commit to the DS Laboratories brand because they come to understand the science, and they see the products working as advertised.

By committing to the DS Lifestyle, loyal customers gain and maintain more radiant color, less visible cellulite, more freshness and confidence, fewer lesions and spots, more hair where we want it, and less where we don't.

## Hair-growth-stimulating shampoo

Revita is the most efficient hair-growth-stimulating shampoo available in the market and is the final result of DS Laboratories' efforts in cutting-edge research. Revita is a powerful combination of precious materials specially designed to maintain scalp vitality and act on follicular dysfunction to achieve best results in short periods of time. This formulation is developed completely without sodium lauryl sulfate or sodium laureth sulfate, low-cost detergents commonly used in shampoos and cleansers that are linked to skin irritation, drying, and hair loss.

Revita includes the following top-level ingredients at high concentrations, chosen for their properties and obtained using a chemical-free extraction process to preserve maximum efficacy: caffeine, copper peptides, spin traps, ketoconazole, rooibos, methylsulfonylmethane (MSM), apple polyphenol (procyanidins B-2 and C-1), carnitine tartrate, ornithine, taurine, cysteine, emu oil, and biotin.

By combining an antioxidant effect, anti-dihydrotestosterone properties, powerful hydrating molecules, hair-growth stimulants, and structural amino acids, Revita brings you the most effective hair-growth-stimulating shampoo available, with absolutely no equivalent in the market.

### Key ingredients

Apple polyphenols	Copper peptides	Ornithine
Biotin	Cysteine	Rooibos tea
Caffeine	Ketoconazol	Spin traps
Carnitine tartrate	Methylsulfonylmethane	Taurine



## Hair-growth-stimulating conditioner

Revita.COR delivers state-of-the-science hair-regrowth technology that builds on the legendary success of Revita shampoo. This conditioner establishes a new benchmark for the comprehensive synthesis of hair-regrowth compounds.

Unlike common conditioners, Revita.COR contains powerful ingredients known to stimulate hair growth. These active ingredients come encapsulated in hydrophobic, bio-adhesive, cationically charged lipospheres. This next-generation delivery system adheres to the scalp tenaciously, keeping active ingredients attached and working hard for 12 hours or longer, to achieve maximum hair-growth effect even while sweating or swimming.

Ultra-premium compounds in Revita.COR, each evaluated and proven in clinical trials, provide significant benefits against follicular dysfunction. Unique among conditioners, Revita.COR employs plant-based stem cells, which exhibit much of the same plasticity as human stem cells, plus a powerful inhibitor of  $5\alpha$ -dihydrotestosterone, the hormone that triggers male pattern baldness.

### Key ingredients

Stem cells  
Apigenin  
Arginine  
Biotinyl tripeptide-1  
Caffeine

Citrulline  
Ginseng  
Inositol  
Lupine extract  
Nano copper peptides

Niacinamide  
Spin traps  
Tyrosine  
Zinc



# SPECTRAL.DNC-L®

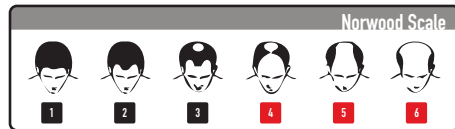
## Most effective minoxidil-based hair-growth cream

Indicated for men with advanced androgenic alopecia (male pattern baldness of 4 or greater on the Norwood scale), Spectral.DNC-L combines all of the latest science into one convenient cream, including high-quality minoxidil, dihydro-testosterone inhibitors, arginine, and more, to regrow hair via multiple pathways.

More than minoxidil alone, this high-performance breakthrough delivers the most aggressive, powerful, and effective topical treatment to retain and regrow hair because it fuses a broad spectrum of clinically proven compounds.

In a cream base for easy application without dripping, Spectral.DNC-L contains research-grade 5% minoxidil, plus the auxiliary agents arginine, retinol, Aminexil®, adenosine, procyanidins B-2 and C-1, vitamins and minerals, herbal extracts, and the 5 $\alpha$ -reductase inhibitors verbascoiside, saw palmetto (*Serenoa repens*), and flax seed (secoisolariciresinol diglucoside).

This coordinated attack against baldness means that Spectral.DNC-L can protect against further damage, slow hair loss, improve follicular health, and grow new hair longer, thicker, and faster than any other product. So you get to keep the hair you have, regrow the hair you lost, and live the lifestyle you really want.





# SPECTRAL.DNC®

## Most effective minoxidil-based hair-growth spray lotion

The world's most effective topical hair-growth treatment, in a spray lotion for easy application with thinning hair, Spectral.DNC is an advanced formula that addresses all of the known factors in hair loss. In addition to minoxidil, Spectral.DNC includes other powerful hair-regrowth agents such as Aminexil®, adenosine, procyanidins B-2 and C-1, and T-flavanone, as well as the auxiliary agents retinol, copper peptides, and a rich vitamin-and-mineral complex.

Active ingredients are delivered in a technologically advanced vehicle, tiny microspheres called Nanosomes.

Unlike formulas that use regular minoxidil, an oil-soluble molecule, and feel greasy and irritating, Spectral.DNC is created with minoxidil sulfate, a premium form. Because it is water soluble, it does not require a high concentration of propylene glycol or alcohol. While mixing, the sulfate ion separates, leaving highly pure minoxidil. Spectral.DNC works faster and more effectively than Rogaine® because it performs on both the vertex of the head and on the frontal hairline. Spectral.DNC offers the best chance of growing normally thick and healthy hair and works for people who previously did not respond to Rogaine treatment.

### Key ingredients

Minoxidil 5%  
Adenosine  
Aminexil  
Amino-acid complex

Lupine extract  
Nano copper peptides  
Procyanidins B-2 and C-1  
Retinol

T-flavanone  
Thymosin  $\beta$ 4  
Taurine  
Vitamins and minerals



# SPECTRAL.RS®

## Minoxidil-free hair-growth formula for astonishing results

Spectral.RS works by addressing multiple causes that lead to thinning hair, including perifollicular fibrosis and internal factors such as stress, hormonal disturbances, vitamin and mineral deficiencies, and certain medications.

With perifollicular fibrosis, a condition that accompanies all hair loss, collagen around the roots becomes rigid and tight, thus pushing roots up to the surface and causing premature hair loss. Aminexil® counters this rigidification of collagen.

Spectral.RS also includes the powerful hair-regrowth agents adenosine and procyanidins B-2 and C-1. In clinical studies, adenosine was found to have effectiveness similar to minoxidil but without its side effects. Other ingredients in the formula help to improve nutrition, circulation, and metabolism in hair follicles.

### Key ingredients

Adenosine  
Aminexil  
Copper peptides  
Herbal extracts

Nanosomes  
Procyanidins B-2 and C-1  
Proharin  $\beta$ 4  
Retinol

T-flavanone  
Taurine  
Vitamins and minerals



# REVITA.EPS®

## Longer lashes from peptide complex

Revita.EPS, a cutting-edge treatment from DS Laboratories, is clinically demonstrated to grow eyelashes 25 percent longer in just two weeks. Many users also enjoy greater thickness and density.

Revita.EPS utilizes a breakthrough peptide complex, not a glaucoma drug like bimatoprost. Peptides work by stimulating the expression of keratin genes and by improving overall eyelid health.

These developments represent the most current biotechnology, advancing the safety and efficacy of eyelash regrowth.



## Inhibiting hair growth on the body

Keraméne suppresses hair growth to reduce shaving, waxing, and other depilatory chores, while it softens any remaining hair. The formula works via two complementary pathways: 1) by inducing follicles into the catagen state so they stop growing hair, and 2) by suppressing keratinocyte proliferation so remaining strands grow slower.

The formula combines plant hormones, natural palmatine, and nordihydroguaiaretic acid. Dormin, a phytohormone, reduces pilosity by inducing follicles into the catagen state, during which they stop producing hair. It is extracted from dormant narcissus bulbs, for which it performs a similar function.

Palmatine moderates hair growth by slowing cell division. Nordihydroguaiaretic acid regulates skin-cell proliferation. This multilateral attack against body hair results in a high-maintenance image with a low-maintenance technique: Simply apply Keraméne like a moisturizer.

Regular application means depilating less often, with fewer expensive treatments and less wasted time. It means fewer unsightly shaving scars, less embarrassing stubble, fewer ingrown hairs, and less inflammation. So users can enjoy silky skin longer.



# DANDRENE®

## Next-generation antidandruff technology

Dandrene, the next-generation antifungal shampoo, is designed for people embarrassed by greasy dandruff on hair and clothing, vexed by an itchy red scalp, plagued by oiliness, or concerned about odor.

Patients disappointed with mass-market shampoos, who want an ultra-premium formula to target these symptoms of seborrheic dermatitis, achieve best results with this potent mix of modern science and botanical extracts.

Dandrene overcomes seborrheic dermatitis by inhibiting the infectious *Malassezia* fungi that generate scales and by controlling the sebum that feeds these fungi and makes the scalp greasy. Dandrene employs leading fungicides plus natural extracts of various plants. It also deploys amino acids to strengthen hair and scalp. This multi-lateral attack means effectiveness greater than old-style zinc pyrithione, selenium, or tar formulas. So Dandrene can eliminate the constant scaling, scratching, redness, grease, and odor associated with dandruff.

### Key activities

- Inhibits the fungi that generate dandruff.
- Reduces the scalp oil that fuels fungi.
- Feeds hair and scalp with amino acids.
- Calms inflammation and itching.



# NIA SHAMPOO

## Most radiant color ever seen

Nia Helio Hydrating Shampoo treats dull, colorless hair more effectively than standard shampoos. It increases gloss and sheen dramatically. It preserves color and improves radiance, especially for color-treated hair.

Nia combines rare botanicals, extracted mechanically, not chemically, then vectored deep into the cortex of hair fibers via next-generation Nanosome encapsulation. Compounds include pericarp extracts of *Litchi chinensis* and other aggressive antioxidants to protect hair from ultraviolet radiation that breaks down structural proteins and disintegrates beautiful pigments.

The shampoo also incorporates sericin and *Moringa oleifera* extract to weave a protective film around each strand. This feature reseals the hair and restores its high gloss, rich color, and fresh scent, which are lost to brushing, blow drying, solar radiation, chlorine, and smoke. Sericin has a unique affinity for the keratin that makes up hair. *Moringa oleifera* peptides adhere especially well to coloring agents.

Regular users of Nia Helio Hydrating Shampoo enjoy the most radiant color possible, with fewer, if any, color treatments and more time between treatments.



# NIA CONDITIONER

## Softest, smoothest, most supple feel

Nia Helio Hydrating Conditioner treats dull, frizzy hair more aggressively than mass-market conditioners, which make hair limp with heavy oils and waxes. Instead, Nia leaves a soft, smooth, supple feel, often for the first time, without greasiness or residue.

Super-premium compounds deployed in Nia include hydrolyzed phyto-proteins and amphoteric amino acids to repair damage and improve fiber strength, hygroscopic sericin and plant-based amino acids to moisturize the cortex and reseal the cuticle, and botanical extracts to repel environmental odors and inhibit photo-degradation.

Symptoms of cortical dehydration in hair include flyaway appearance and difficulty styling. But state-of-the-science Nia Conditioner repairs dry, damaged, brittle hair, and improves its texture, with amino acids derived from plant proteins subjected to hydrolysis. Such polyphenolic derivatives possess several benefits over animal proteins like collagen or keratin. These lightweight amino acids penetrate to a fiber's cortex, the densely packed keratin around the centerline, where the hygroscopic molecules attract and retain significantly more moisture within each strand.

Such powerful humectant properties mean that hair treated with Nia retains more moisture for maximum body, control, gloss, and radiance. Hair rinses and dries faster, tangles and splits less, styles easier, smells fresher, and stays free of residue.



## Breakthrough treatment for cellulite

If you believe that most topical creams and lotions are ineffective against cellulite, you may be correct. But regular users of Oligo.DX, an advanced cellulite-reducing gel, have found a treatment that works effectively.

The secret of success is to deliver the active ingredients down to the layers of skin where cellulite forms. Penetration means the difference between eliminating unsightly dimples and nodules of fat versus merely moisturizing them. Oligo.DX is formulated unlike anything else you have tried, regardless of cost.

For example, the micropatch caffeine in Oligo.DX has proven superior to free-form caffeine. While free-form caffeine diffuses almost immediately, micropatch caffeine penetrates the skin deeper to persist longer, thus dissolving lymphatic buildup better to reveal smoother, firmer thighs, buttocks, and hips.

Several additional molecules have proven clinically to burn fat and facilitate the drainage of trapped liquids. But they cannot affect cellulite unless they can reach deep below the skin's surface. Therefore, DS Laboratories pioneers technologies such as Nanosome encapsulation, which enables maximum absorption of key compounds. Tiny Nanosomes encapsulate the formula's caffeine, L-carnitine, and other active ingredients, and penetrate the epidermis deeper than common creams and lotions. They release their payload gradually at the site of the cellulite.

The difference is night and day: Oligo.DX makes a dramatic impact on the appearance of unsightly cellulite.





# VEXUM.SL

## Reduced appearance of a double chin

Indicated for men and women developing double chins, Vexum.SL offers a quick, affordable, scientifically proven alternative to that thick flabby tissue that hangs between the lateral branches of the lower jaw. The breakthrough topical formula even helps to stave off looming face-lift surgery.

Demonstrated through clinical trials, Vexum.SL reduces the thickness, volume, and appearance of a double chin, while restoring normal contour to the upper neck. It works because it contains polymannuronate and prolamins to tighten skin on contact, plus botanical glaucine to reduce lipid storage long-term.

Glaucine, an extract of *Glaucium flavum*, stimulates lipolysis and inhibits formation of new adipocytes by regulating calcium flow, according to clinical studies. Its effectiveness can be witnessed with a microscope, as lipid vesicles contract visibly. In vitro, the contractile properties of adipocytes are observed after just six days of incubation, as fat tissue gets replaced by a tissue possessing more fibroblastic characteristics.

In live tests, 88 percent of volunteers dropped a measurable thickness of double-chin fat, and 64 percent enjoyed a significant decrease in volume.



# VITEROL.A® EYES

## Latest weapon against eye aging

Nothing shows advancing age more than lines, bags, and shadows around the eyes, and nothing reverses these signs more effectively than Viterol.A Eyes, a solution for wrinkles and expression lines around the eyes.

In numerous clinical studies, Viterol.A has revealed a dramatic increase in the moisture content and retention of skin and a nearly tenfold increase in the firmness of skin. The effects of Viterol.A Eyes can be seen and felt immediately: Eyes look brighter and more alive after just one application of this light, fresh lotion.

Nothing has been spared in making Viterol.A Eyes the best formula for delicate areas around your eyes. It incorporates the finest, purest extracts and the most advanced peptide complex. Plus, the active ingredients come encapsulated in our proprietary Nanosomes, which vector compounds deep into the layers of skin where wrinkles and fine lines form.



# VITEROL.A<sup>®</sup> FACE

## Latest weapon against facial aging

Viterol.A Face is the first and only antiaging solution with viatrozene, a compound that reduces wrinkles and expression lines visibly and improves overall skin health significantly. Its greatest benefit is that viatrozene treats continuously and safely, with effects that do not wear off.

Wrinkles are considered to be defects resulting from insufficient cutaneous tissue repair due to aging. Peptide complexes, which are groups of amino acids linked together to control connective-tissue renewal and cell proliferation, help to recreate conditions conducive to cell and matrix turnover. A highly advanced peptide complex, viatrozene exceeds the performance of previously available peptides.

While Botox is still the standard treatment for very deep furrows and wrinkles, Viterol.A is the most effective topical solution for finer lines and wrinkles, resulting in a clearly visible improvement in skin smoothness and firmness.



# TRIOXIL.AM®

## Dissolve acne, evacuate pores, and control sebum

Day-performing Trioxil.AM, balanced low at pH 3.8, corrects skin afflicted with acneform lesions caused by keratin buildup, as well as with greasy seborrhea, proliferating bacteria, and painful inflammation. It also contains sunscreen.

Trioxil.AM dissolves lesions, evacuates pores, and controls sebum with Nanosome-encapsulated azelaic and oleanolic acids. It cools inflammation with sodium polyacrylate and sebacic acid, inhibits phospholipase with *Pueraria lobata* extract, and preserves collagen with *Siegesbeckia orientalis* extract.

The formula works enzymatically to disaggregate old corneocytes at the mature upper layers of the stratum corneum. Meanwhile, organic alpha-hydroxy acids break down protein bonds to diminish corneocyte cohesion at a lower level.

Malic acid with sweet almond protein avoid irritation. Nordihydroguaiaretic acid regulates new skin cells. Extracts of *Centaurium erythraea* and *Siegesbeckia orientalis* protect elastin and collagen during inflammatory attacks.

Each morning, wash with a medicated cleanser like Hydroviton.CR®, then spread a pea-sized dose of Trioxil.AM over the entire acne-prone field. At night, companion product Trioxil.PM targets other symptoms with its additional properties.

By using the Trioxils regularly, facial complexion regains its normal color, brilliant radiance, smooth texture, and cool feeling.



# TRIOXIL.PM®

## Oppose bacteria, inflammation, and seborrhea of acne

Night-performing Trioxil.PM, balanced high at pH 6, corrects skin afflicted with acneform lesions caused by bacterial inflammation and greasy seborrhea, as well as with keratin buildup.

Trioxil.PM features pale sulfonated shale oil, also called ammonium bituminosulfonate or ichthammol, which has treated cutaneous conditions naturally for generations. Shales are stratified fissile rocks of the Mesozoic era, rich in sulfurous kerogen. Shale oil is distilled and extracted to perform in leading galenical medications such as Trioxil.PM. With an established record of safety and tolerance, pale sulfonated shale oil has been used to inhibit bacteria associated with acne, splinters, burns, and bites, while it helps to calm inflammation as effectively as some cortisone products.

To combat the discomfort of acne, the Trioxils also incorporate several anti-inflammatory agents, including *Pueraria lobata* extract, sodium polyacrylate, sebacic acid, and additional emollients.

Each evening, wash with a medicated cleanser such as Hydroviton.CR®, then spread a pea-sized dose of Trioxil.PM over the entire acne-prone field. In the morning, use Trioxil.AM to target other symptoms with its additional properties.

By using the Trioxils regularly, facial complexion regains its normal color, brilliant radiance, smooth texture, and cool feeling.



## Innovative feminine cleanser preserves health

Not another soap or detergent, Nirena offers women a gentle organic gel made from essential oils and extracts pH-balanced for the delicate vaginal environment. Nirena helps women to maintain normal health, happiness, and lifestyle, because it helps to prevent vaginitis and other infections.

A woman's intimate area, lined with a special mucous membrane, must remain soft, smooth, and lubricated. So DS Laboratories has designed Nirena using organic compounds like Brazilian peppertree oil. This formula maintains normal vaginal pH between 3.8 and 4.2 to preserve natural feminine flora. Studies demonstrate that the essential oil of Brazilian peppertree carries potent antibacterial, antifungal, anti-candidal, and anti-inflammatory properties.

Nirena contains no harsh chemicals like sodium lauryl sulfate, often found in cheap commercial soaps, which would raise pH levels into the alkaline range, cause a floral imbalance, and spur the growth of dangerous foreign pathogens.

By maintaining normal pH balance, however, Nirena cleanser preserves the normal vaginal flora that protects women from infections, odor, itch, and discharge.



# HYDROVITON.CR®

## Facial cleanser for perfect skin texture

Premium Hydroviton.CR is indicated for faces that look gray, feel oily or dry, suffer from acneform lesions, show gaping pores, or just seem unusually sensitive. Unlike soaps and moisturizers, this medicated cleanser normalizes color and texture by increasing healthy desquamation (exfoliation), decreasing excess sebum, dissolving painful lesions, and evacuating the pores.

Hydroviton.CR deploys Nanosome-encapsulated azelaic acid to dissolve acneform lesions via three important pathways: 1) keratolytic activity, 2) reduction of sebum, and 3) inhibition of bacterial flora.

Organic alpha-hydroxy acids, including citric, glycolic, tartaric, and lactic acids, diminish corneocyte cohesion in lower levels of the stratum corneum, allowing more layers to desquamate. Beta-hydroxy acids, including salicylic, benzoic, and butyric acids, exert additional exfoliant properties, allowing fresh cells to emerge.

Saccharide isomerate, which binds to keratin like a magnet, moisturizes even under highly arid conditions, and *Pueraria lobata* (kudzu) extract reduces the redness and heat of inflammation.

Perfected by Hydroviton.CR, skin becomes thin, supple, moist, and radiant, with less grease and redness, fewer blemishes, and finer pores.



