

purasomes
IRC100+



INTIMATE
CARE

ELEVATING WOMAN'S WELLNESS WORLD



Feeling confident and comfortable in your own skin is essential for overall well-being.

At Dermoaroma, we design and offer comprehensive solutions addressing unique needs and desires of our female patients, and supporting them on their transformative journey of self-expression and empowered feminine beauty.

Purasomes IRC100+ focuses on enhancing the appearance and function of the female reproductive system, supporting women in their quest of optimal health and self-confidence.



PURASOMES IRC100+ SOLUTION

- Promotes healing and rejuvenation of intimate area
- Restores skin's structural integrity
- Enhances skin's thickness and firmness by promoting collagen synthesis
- Optimizes natural skin hydration
- Improves elasticity
- Alleviates symptoms like dryness, irritation and discomfort
- Enhances skin's natural barrier function

BIOREGENERATIVE GEL INTIMATE CARE

- Eco designed
- Bacteriostatic and anti-microbial
- Reduces discomfort sensations
- Soothes & hydrates
- Reduces bad odours
- Enhances microcirculation
- Increases blood flow
- Elevates sensual experience
- Improves sensitivity
- Tightens the skin
- Eliminates pigmentation and brightens up skin in the area of application

MINDFUL APPROACH

IN OFFICE REJUVENATION TREATMENT

*2.5 ml solution
2 vials*

HOME AFTERCARE

*50 ml regenerative gel
Everyday use*



PURASOMES IRC100+ SOLUTION

- Maintains the physiological balance of the area while enhancing the skin's natural barrier function.
- Provides emollient, soothing, protective, and hydrating effects, contributing to overall comfort and skin well-being.
- Helps with dryness, irritation, or rough patches, providing relief and improving the skin's texture.
- Beneficial for skin thinning and loss of firmness.

HOW SECRETOMES WORK

Applied topically, bovine colostrum secretomes foster tissue rejuvenation and overall vulvo-vaginal health through releasing entirety of signaling molecules that trigger cellular repair.

These signaling molecules support repair of mucosal tissue, collagen and elastin production by activating fibroblast activity, primary cells responsible for producing the extracellular matrix (ECM) which provides structural support to tissues and organs.



AMPLEX+ TECHNOLOGY

SECRETOMES, NOT JUST EXOSOMES

Advanced proprietary technology of isolation, purification and harvesting high yield of bioactive elements from organic bovine colostrum, amplifying cell performance and promoting skin regeneration in a natural way.

Colostrum is the first milk produced by mammals after giving birth, packed with essential vitamins and nutrients.

Biologically, bovine colostrum stands out as the richest source of nutrients and bioactive compounds.

AMPLEX+ COMPOSITION

Perfectly balanced composition of the entirety of bioactive molecules, collectively called secretomes.

200mg of the product contains:

- 20 Billion Exosomes.
- 20 most potent Growth factors.
- Stem Stimulating Factors.
- Antibacterial & Immunity mediators.
- Low molecular weight soluble proteins that bind to specific cell receptors.

WHAT ARE SECRETOMES

Secretomes are bioactive molecules, involved in intercellular communication and utilized in therapeutic approaches to improve tissue repair, regeneration, and healing through cell signaling.

Refer to the entire set of proteins and other biomolecules that:

- Are secreted into the extracellular environment.
- Play a pivotal role in intercellular communication.
- Support detoxification processes.
- Supply nutrients.
- Regulate immune responses.
- Promote tissue repair.

Represent the entirety of protein molecules, vesicles and other substances including:

- Exosomes
- Growth factors
- Chemokines
- Cytokines
- Interleukins
- Adhesion molecules

ROLE OF SECRETOMES IN TISSUE REPAIR

Due to their rich composition profile secretomes maximize body's natural healing processes and accelerate tissue repair through:

CELL DIFFERENTIATION

Guide stem cells and progenitor cells to differentiate into specific cell types needed for tissue regeneration.

CELL PROLIFERATION

Stimulate cell division, promoting the expansion of cells necessary for tissue repair.

CELL MIGRATION

Help directing the movement of cells to injury sites, ensuring that the right cells reach the areas that need repair.

IMMUNE RESPONSE

Play a role in modulating immune responses, promoting healing while preventing excessive inflammation or scarring.

TISSUE FORMATION

Facilitate the organization and integration of new tissue structures.

ANGIOGENESIS

Promote formation of new blood vessels, ensuring that regenerating tissues receive adequate oxygen and nutrients.

MODULATION OF INFLAMMATION

Can help regulate inflammatory responses, which is crucial for creating a conducive environment for healing and minimizing tissue damage.

GROWTH FACTORS FOR EPIDERMAL RENEWAL

GROWTH FACTORS

Signaling molecules that influence cellular behavior, including cell proliferation, differentiation, growth and survival.

FIBROBLAST GROWTH FACTOR (FGFS)

- Regulate cell growth, differentiation, migration, and tissue repair.
- In gynecology, FGFs are involved in several key physiological processes related to female reproductive health.

TRANSFORMING GROWTH FACTOR (TGF)

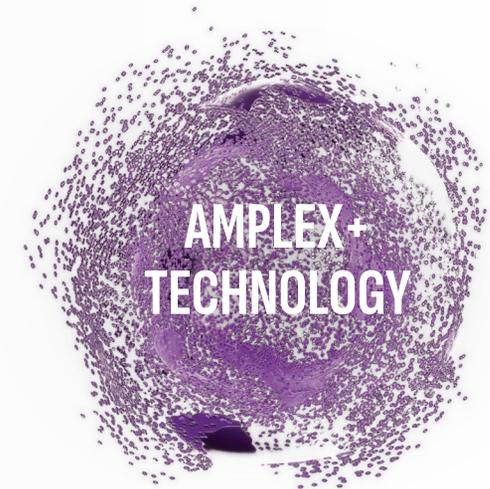
- Encompasses a variety of functions related to cell division and differentiation across different cell types.
- Stimulates activation and migration of immune cells.

EPITHELIAL OR EPIDERMAL GROWTH FACTOR (EGF)

- Aids in the repair of injured mucous membranes and the epidermis, and also has antibacterial properties.
- Responsible for cell proliferation, survival and differentiation.

INSULIN-LIKE GROWTH FACTOR (IGF 1)

- IGF-1 (insulin-like growth factor) has a structure similar to insulin.
- Responsible for ovarian function and follicle development.
- Contribute to the growth and repair of the endometrium.



- Inhibits protein degradation.
- Stimulates protein synthesis.
- Enhances muscle regeneration through the activation of satellite cells.

RESTORATION OF SKIN BARRIER INTEGRITY

CYTOKINES

Cytokines play a crucial role in various biological processes:

- Regulating immune responses, and the pathogenesis of various gynecological disorders.
- Promoting tissue repair.
- Influencing reproductive processes.
- Supporting ovarian function, fertility.
- Pregnancy maintenance.
- Dysregulation of cytokine activity can contribute to conditions such as endometriosis, fibroids, Pelvic inflammatory disease (PID).

LACTOFERRIN

Lactoferrin is a polypeptide chain of 691 amino acids with potent anti-microbial, anti-fungal, anti-viral, anti-inflammatory, and anti-cancer activities through:

- Direct recognition and selection between pathogenetic and normal cells.
- Promotion of apoptosis.
- Modulation of cell cycle.
- Regulation of differential intracellular networks.
- Ability to bind iron, depriving harmful microorganisms (including some pathogens) of this essential nutrient.
- Prevents the overgrowth of harmful microorganisms.

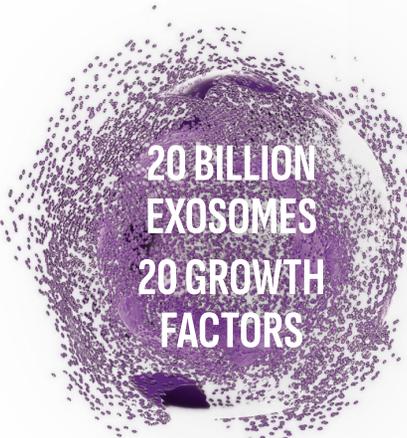
IMMUNO-GLOBULINS

- Help modulating immune response in the vaginal area.
- Promote a healthy balance of vaginal flora, indirectly supporting vaginal health.

ANTIMICROBAL PEPTIDES

ANTIMICROBAL PEPTIDES (AMPs) with a broad-spectrum antimicrobial activity:

- Inhibit the growth of bacteria, fungi, and viruses.
- Promote a diverse and stable microbiota.



20 BILLION
EXOSOMES
20 GROWTH
FACTORS

PURASOMES IRC100+

*EMPOWERING
WOMEN IN THEIR JOURNEY
TOWARDS OPTIMAL HEALTH*



CELLULAR REJUVENATION & SKIN QUALITY IMPROVEMENT

Enhanced tissue healing and rejuvenation, particularly in sensitive areas.

Improved skin elasticity and hydration, making it beneficial for conditions like vaginal atrophy or dryness.

Contribute to overall skin health by promoting collagen production and enhancing blood flow.

PATIENT SATISFACTION

As women become more aware of the options available to enhance their well-being and appearance, bovine colostrum secretomes offer a promising solution that aligns with their desires for safe, effective, and natural treatments.

MINIMALLY INVASIVE PROCEDURE WITH SIGNIFICANTLY REDUCED DOWNTIME

Generally requires minimal downtime due to the rich regenerative and anti-inflammatory profile of colostrum.

Enables patients to swiftly resume their daily activities, facilitating a rapid return to an active lifestyle.

SUSTAINABLE RESULTS

- Enhances cellular regeneration and rejuvenation.
- Reduces inflammation leading to enduring improvements in both skin's structure and function.

CUSTOMIZATION

Can be incorporated into a holistic approach considering the patient's medical history, lifestyle, and specific gynecological issues, as well as customized to meet each individual's unique requirements.

SAFE AND NATURAL

Taps into the body's inherent healing abilities, awakens its natural healing mechanisms and provides safer and more holistic solutions.

AMPLEX+ TECHNOLOGY

INCORPORATION OF BOVINE COLOSTRUM SECRETOME THERAPY INTO AESTHETIC GYNECOLOGY REPRESENTS A SIGNIFICANT ADVANCEMENT, PROVIDING WOMEN WITH SAFE, INNOVATIVE AND HIGH PERFORMANCE OPTION TO ENHANCE THEIR HEALTH.



PURASOMES BIOREGENERATIVE GEL

Rich in polysaccharides

Improves skin microbiota

Aids with acne-prone, atopic and hypersensitive skin

Supports skin barrier function

Hydrates and moisturizes

Reduces irritation and discomfort

Improves sexual function

**EMPOWERED
FEMININITY**



IMPROVING SKIN MICROBIOTA

Our skin is home to a variety of bacteria that help maintain a healthy microbial balance.

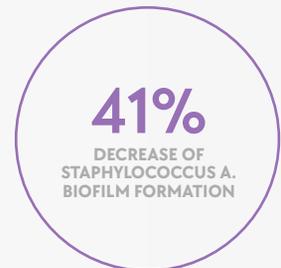
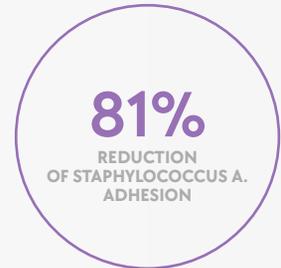
Cutibacterium acnes is a natural part of the skin's microbiome, but overgrowth of this bacteria can lead to inflammation, skin redness, swelling, and formation of acne.

Malassezia furfur is a type of yeast that is naturally present on human skin, harmless in small amounts but can cause various skin conditions when imbalanced.

Staphylococcus aureus is a pathogenic bacterium, which can cause various infections, ranging from mild skin infections like boils and abscesses to more severe conditions like atopic dermatitis (eczema).

Red kapok flower extract is included in the gel formulation specifically to recover a healthy skin by:

- Inhibiting the overgrowth of *Cutibacterium acnes* and *Malassezia furfur* bacteria.
- Inhibiting the formation of *S.aureus* biofilm and its adhesion to the skin surface, preventing atopic dermatitis.



VULVOVAGINAL ATROPHY

Vulvovaginal atrophy (VVA) is a medical condition characterized by the thinning, drying, and inflammation of the vaginal and vulvar tissues, primarily due to a decrease in estrogen levels.

Symptoms of VA include:

- Loss of elasticity and thinning of the vaginal walls.
- Significant dryness, resulting in persistent irritation.
- Burning sensation, itching, and sharp pain during physical activity and sexual intercourse.

VVA significantly impacts women's physical, emotional, and sexual health.



BIOREGENERATIVE
INTIMATE GEL contains
compounds beneficial
for elevating
symptoms of VVA.



MOLECULAR EFFECT ON SKIN TIGHTENING

Purasomes gel contains MDPs and Exerkines to improve skin tightness and firmness

MITOCHONDRIA DERIVED PEPTIDES (MDP)

MDP are peptides consisting of less than 30 amino acids, mimicking or enhancing physical exercise.

MDP are linked to different processes of cellular regeneration and tissue maintenance ie:

- Regulating cellular metabolism.
- Delaying skin ageing.
- Increasing collagen production.
- Supplying cellular energy.
- Accelerating tissue regeneration.

EXERKINES

Exerkines are molecules that are released by the body during physical exercise.

Exerkines include a wide range of substances as Epidermal Workout Factor (eATP, MOTS-c, IGF1) and Muscular Workout Factors (MOTS-c, Intracellular Ca²⁺) that:

- Stimulate muscular response to exercise.
- Improve muscle function.
- Reduce inflammation.
- Promote overall health.
- Firm and tighten the skin.
- Accelerating tissue regeneration.

IMPROVED MOISTURIZATION

Vaginal dryness is one of the hallmark symptoms of VVA. Vaginal lining loses moisture and natural lubrication, leading to a dry feeling that can be persistent and cause discomfort or pain, particularly during sexual intercourse, condition known as *dyspareunia*.

OTHER REASONS THAT MIGHT CAUSE DYSPAURENIA:

- Bacterial vaginosis.
- Pelvic conditions such as endometriosis, fibroids, or pelvic inflammatory disease.
- Childbirth trauma or scarring.
- Genital or pelvic surgery.
- Allergic reactions to soaps or latex.

WOMEN EXPERIENCING DYSPAREUNIA:



HYDRATION AND REDUCTION OF DISCOMFORT

Water soluble nano sized hyaluronic acid derivative and red kapok flower extract present in the formula are exceptionally beneficial for improvement on natural skin moisturization.

Purasomes gel soothes and hydrates the skin, elevates symptoms like dryness and irritation, and reduces discomfort sensations.

MICROCIRCULATION ENHANCEMENT AND INCREASE OF BLOOD FLOW



A mild warming agent is added to the formulation to elevate the sensory experience and increase the blood flow through vasodilation - the process by which blood vessels, particularly the arterioles and capillaries, expand, increasing their diameter.

Applying Purasomes Bioregenerative Gel will result in:

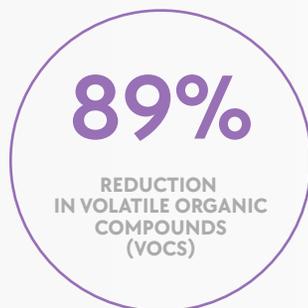
- Providing gentle and long lasting warming effect.
- Enhancing microcirculation and stimulation of key neurotransmitters.
- Greater blood flow to specific areas of the body.
- Low irritation profile when compared to similar acting materials.
- Anti-inflammatory and skin detoxifying effects.
- Refreshing and soothing effect on the skin.

INTIMATE COMFORT AND IMPROVED ODOUR

VOLATILE ORGANIC COMPOUNDS (VOCS) are responsible for bad axillary odours and primarily produced by the bacterial breakdown of substances in the skin's microbiota.

Corynebacteria, particularly species like *Corynebacterium xerosis* and *Corynebacterium striatum*, and *Staphylococcus epidermidis* are part of the normal skin microbiota and thrive in moist areas.

These bacteria release enzymes that decompose substances rich in proteins and lipids and produce strong unpleasant odours, as they metabolize these substances.



Purasomes Bioregenerative Gel significantly reduces the odours produced by these bacteria, without impacting their viability or disrupting skin microbiota.





Contains advanced fast penetration spot correcting peptides with high performance in:

- Melanin reduction.
- Prevention of pigmentation via inhibition of melanosome transport and melanin generating enzymes synthesis.
- Lightening skin and reducing dark spots.
- Improving skin clarity.
- Evening out skin tone.

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