



BIOSYS

THE NATURAL SKIN DEFENSE



HARMONY CASTLE
ADVANCED CULTURE IN AESTHETICS

a HARMONY PROGRESS brand



BIOSYS: THE NATURAL SKIN DEFENSE

The skin, a surface of approximately 1.8 sqm, is colonized by more than one million microorganisms of at least 100 different species, that interact with and strengthen our immune system.

This set of microorganisms known as **skin microbiota** is unique for each individual and is composed of:

Resident commensal bacteria, "friends" of the skin;

Resident and transient pathogenic bacteria.

Commensal bacteria actively participate in skin protection hindering and counteracting the development of harmful bacteria.

An alteration of microbiota balance can be influenced by:

- Aging;
- Life Style;
- Weather conditions;
- Particular pathological conditions;
- Aggressive cosmetics;
- Medications;

DYSBIOSIS CAN MANIFEST ITSELF THROUGH:

ACNE

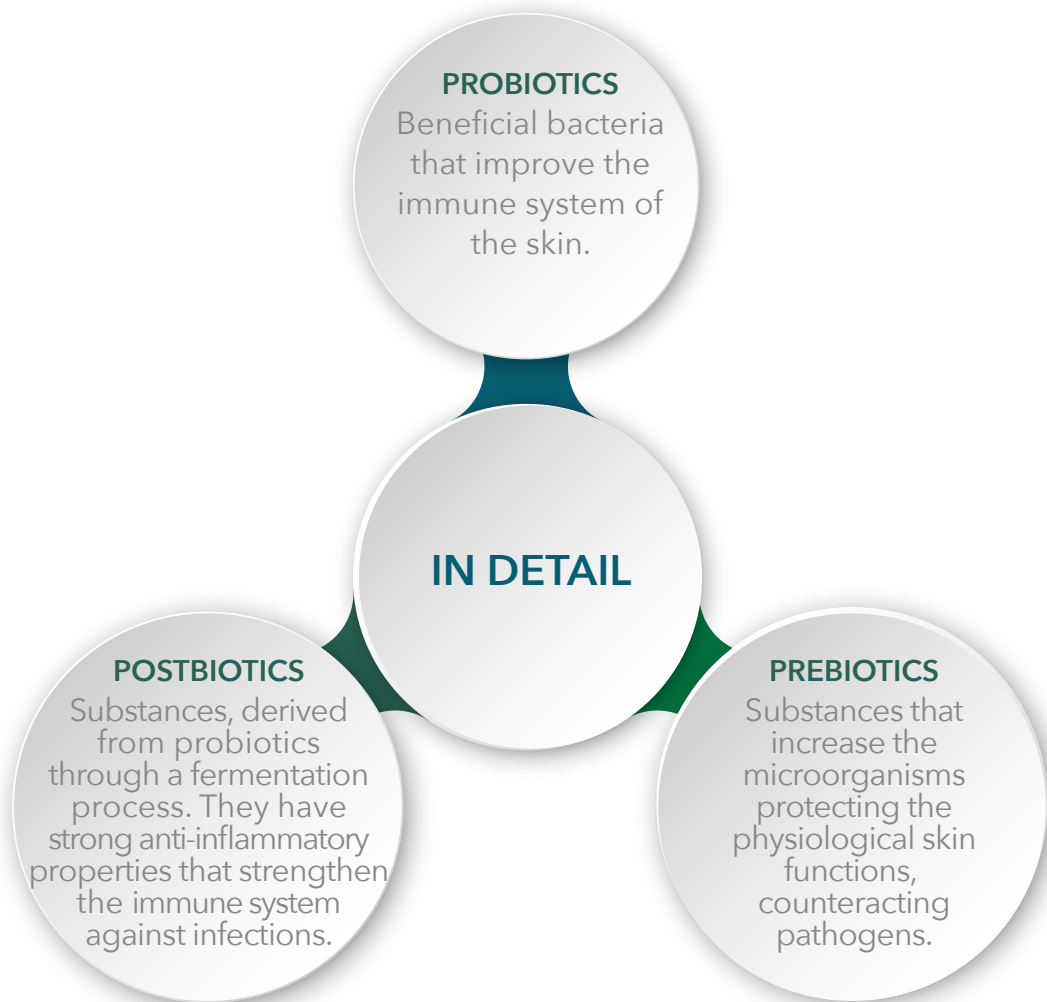
SKIN SENSITIVITY

EARLY SKIN AGING



BIOSYS: THE SOLUTION

BIOSYS line is a unique combination of natural prebiotics that stimulate the skin balance. It contributes to the growth and activity of bacteria useful for skin health, protecting from acne, redness and aging signs.



BIOSYS LINE IS COMPOSED OF



PROFESSIONAL USE

BIOSYS BOOSTER - prebiotic serum



HOME-CARE

PHASE 1

BIOSYS PREBIOTIC MOUSSE - facial cleanser

PHASE 2

BIOSYS PURIFYING - prebiotic serum

BIOSYS DECONGESTANT - prebiotic serum

BIOSYS REBALANCING - prebiotic serum

Serums and mousse protect and restore the skin microbiota especially after medical-aesthetic treatments, such as peeling, laser, filler and botulinum.



PROFESSIONAL USE: **BIOSYS BOOSTER** - prebiotic serum

The booster serum, a mix of prebiotics and postbiotics, performs a **moisturizing, repairing and antioxidant** action especially after medical-aesthetic treatments (peeling, laser, filler and botulinum). It reinforces the skin barrier against external environment damages. The highly concentrated active ingredients quickly restore the cutaneous eubiosis state, strengthening the **“skin friendly” bacteria**.

IN DETAILS



PROBIOTICS: Beneficial bacteria that improve the immune system of the skin.

PREBIOTICS: Substances that increase the microorganisms protecting the physiological skin functions, counteracting pathogens.

POSTBIOTICS: Substances, derived from probiotics through a fermentation process. They have strong anti-inflammatory properties that strengthen the immune system against infections.

BIOSYS BOOSTER SERUM ACTS UPON:



The **BOOSTER serum** is indicated for all types of skin after medical-aesthetic treatments (peeling, filler, botulinum and laser) that can alterate the skin microbiota.

ECTOIN is a postbiotic that maintains the skin microbiota homeostasis, fostering the ideal conditions for skin protection.

SERINE AND HOMOPHENYLALANINE AMINO ACIDS strengthen the Staphylococcus epidermidis, necessary to maintain a healthy skin, and reduce the Corynebacterium kroppenstedtii, whose excessive presence is linked to skin redness.

NATURAL SACCHARIDS, due to their structure, bind to the most superficial layers of the skin, reducing the loss of trans-epidermal water.



BIOSYS PREBIOTIC MOUSSE - FACIAL CLEANSER

The prebiotic mousse, enriched with prebiotics and postbiotics, gently cleanses and purifies the skin preserving the superficial hydrolipidic film and balancing the bacterial flora.

Ectoine and aminoacids, acting in synergy, restore the eusbiosis, recovering the cutaneous barrier and protecting the skin from external agents

ACTS UPON

- Cutaneous Disbiosis;
- Altered hydrolipidic film;
- Skin dryness.

INDICATED FOR

Indicated for all skin types and especially after medical aesthetic treatments (peeling, filler, botox, laser) that may alter the skin microbiota.

BIOSYS PREBIOTIC MOUSSE - FACIAL CLEANSER



BIOSYS PREBIOTIC SERUM

(to be chosen according to skin biotype)



OPTIMAL RESULTS



BIOSYS PURIFYING - PREBIOTIC SERUM

The skin-purifying serum, due to the synergy between alpine willow and ectoin, regulates the sebum overproduction and balances the bacterial flora of oily and acne-prone skin.

ACTS UPON

- Closed and open comedones, papules and pustules;
- Shiny skin;
- Dilated pores;
- Post inflammatory hyperpigmentation.

INDICATED FOR

- Oily and acne-prone skin;
- Following medical aesthetic treatments (peeling, filler, botulinum and laser) that can cause skin microbiota alteration.

ALPINE WILLOW inhibits the activity of 5- α reductase, an enzyme involved in sebum production, and prevents the Cutibacterium Acnes, a bacterium responsible for acne.

ECTOIN, postbiotic, maintains the microbiota homeostasis, providing the proper conditions to protect the skin and helping to reduce papules, pustules and comedones.

B-GLYCYRETIC ACID has an anti-inflammatory, moisturizing and soothing property due to its strong similitude to endogenous cortisone. It prevents free radicals responsible for the follicular damage typical of acne.

HOME THERAPY



Application Protocol BIOSYS PURIFYING - prebiotic serum



BIOSYS DECONGESTANT - PREBIOTIC SERUM

The decongestant serum, due to the synergy between a probiotic extracted from yeast, CALENDULA AND SOYBEAN STEM CELLS, performs a soothing and anti-aging action rebalancing the skin's bacterial flora and revitalizing dull skin prone to redness.

ACTS UPON

- Couperose;
- Micro-telangiectasias;
- Skin fragility;
- Dry skin;
- Dull complexion.

INDICATED FOR

- Sensitive and reddened skin;
- Following medical-aesthetic treatments (peeling, filler, botulinum and laser) that can cause skin microbiota alteration.

PROBIOTIC EXTRACTED FROM YEAST contains peptides, amino acids, nucleic acids and other metabolites, it minimizes the activity of *Corynebacterium Kroppenstedtii*, target for skin redness control.

CALENDULA performs a soothing, calming and protective action, regenerating the epidermis and dermis.

SOY STEM CELLS, rich in phytosterols, perform a tonic action reducing wrinkles.

HOME THERAPY



Application Protocol BIOSYS DECONGESTANT - prebiotic serum



BIOSYS REBALANCING - PREBIOTIC SERUM

Rebalancing serum, based on a prebiotic complex resulting from the fermentation of colloidal oatmeal, performs an anti-aging and firming action rebalancing the skin bacterial flora. It improves the deep hydration and the skin tone counteracting wrinkles and other imperfections due to chrono and photo-aging.

ACTS UPON

- Expression lines and wrinkles;
- Melanic hyperpigmentation;
- Uneven skin tone;
- Sagging skin.

INDICATED FOR

- Skin damaged by chrono and photo-aging;
- Skin treated with medical-aesthetic solutions (peeling, filler, botulinum and laser) that cause alteration of the microbiota .

The **PREBIOTIC COMPLEX**, resulting from the fermentation of colloidal oatmeal, contains alpha-hydroxy acids (glycolic and lactic acids), peptides and phospholipids that improve the skin barrier effect, providing brightness and smoothness.

RESVERATROL, belongs to the polyphenols family, it performs an antioxidant, anti-wrinkle and healing action, thus increasing cellular life span and reducing the number and depth of wrinkles

HYALURONIC ACID of different molecular weight deeply penetrates the skin binding with water molecules, ensuring a moisturizing and plumping effect.

HOME THERAPY



Application Protocol BIOSYS REBALANCING - prebiotic serum



www.harmonycastle.it

mail: info@harmonycastle.it

tel +39069109712

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