



LKC PHARMA SRL

Scientifically proven beauty

COMPANY OVERVIEW

LKC PHARMA

ABOUT US

We are a **pharmaceutical company** specialized in the development of innovative products for personal care and well-being.

Each day, we calibrate our research on the continuous changes which affect your skin and the lifestyle of those who choose us. This way, we can always offer innovative solutions.

Cross-linked Hyaluronic Acid: our trademark

We enhance linear Hyaluronic Acid by acting directly on its molecular structure to multiply its duration and effectiveness on your skin.

A process resulting from the research and development of the LKC Pharma laboratories.



WHAT WE DO

DISCOVER OUR PRODUCTS



**AESTHETIC
FILLERS**



**INTRA-ARTICULAR
FILLERS**



**COSMETIC
PRODUCTS**



**FOOD
SUPPLEMENTS**



AESTHETIC FILLERS

ARANEL®

HYDRADYN®

NUCLEADYN®

ARANEL®

MONOPHASIC DERMAL FILLER
FEATURING
**CROSS LINKED HYALURONIC ACID
WITH BDDE**

CE marked filler

INNOVATIVE CROSS LINKING TECHNOLOGY

Lowest available percentage of cross linking agent residue ($\leq 0,05$ ppm) ensures greater biocompatibility.

PERFORMANCE

High tissue integration and stability, resulting in a homogeneous, **easy to inject** and safe gel that guarantees natural and long lasting results.

UNIQUE PURIFICATION PROCESS

High purity downstream process ensures **residual levels of BDDE below European Pharmacopoeia limits.**

OPTIMIZED FORMULATION

The **different viscoelastic properties** of each formula are studied in order to obtain the best clinical efficacy, meeting every individual patient's needs.



ARANEL® 1.5

HA CONCENTRATION	NEEDLE
15 mg/mL	2 TSK needles 30 G
FREE BDDE CONTENT	INJECTION LAYER
≤ 0,05 ppm	Epidermis
INDICATIONS	RESULTS
Correction of fine lines, crow's feet, perioral lines, fine forehead lines	Recovery of skin tone and elasticity, improvement of skin texture and radiance, contour definition

An ideal treatment option for fine line correction and deep rehydration. Thanks to its optimal viscosity and water binding capacity, firmness and natural definition are restored, delivering effective results when patients desire deep rehydration and firmer skin.



ARANEL® 2.0

HA CONCENTRATION	NEEDLE
20 mg/mL	2 TSK needles 27 G
FREE BDDE CONTENT	INJECTION LAYER
≤ 0,05 ppm	Mid dermis
INDICATIONS	RESULTS
Correction of moderate lines: moderate nasolabial wrinkles, glabellar lines, moderate perioral wrinkles, lip contouring, philtrum	Restore skin firmness, natural definition, balancing and correction action

Ideal for treating the most common facial imperfections, offering a corrective and prolonged action for wrinkles and more pronounced folds (nasolabial folds, nose, chin, lip contouring and cheeks).



ARANEL® 2.5

HA CONCENTRATION	NEEDLE
25 mg/mL	2 TSK needles 27 G
FREE BDDE CONTENT	INJECTION LAYER
≤ 0,05 ppm	Derma
INDICATIONS	RESULTS
Correction of deeper lines: severe nasolabial fold, lip volume, oral commissures, marionette folds. Restoration of facial volumes: cheeks, temples, facial volume loss	Restored facial volume and symmetries, natural definition, optimized lifting effect on deep folds

Instantly restores lost volume, contours and symmetries with natural results, targeting unwanted lines. Provides lasting results and is particularly indicated for restoring volume and facial proportions without altering the morphological characteristics.



HYDRADYN®

2% LINEAR HYALURONIC ACID

CE marked filler

NATURALLY REJUVINATING YOUR SKIN

HYDRADYN is an injectable intradermal gel based on **2% linear high molecular weight Hyaluronic Acid** of non-animal origin. Aimed at countering the physiological decrease of endogenous HA present in the skin.

Pure, **non-crosslinked Hyaluronic Acid** is a highly-effective skin moisturizing agent. Its particular ability to attract and bind water molecules serves to moisturize the skin and maintain the elasticity of dermal and epidermal tissues.



HYDRADYN®

COMPOSITION	INGREDIENTS	NEEDLE	INDICATIONS	RESULTS
1 prefilled syringe x 2 mL	20 mg/mL pure sodium hyaluronate with a high molecular weight	2 TSK needles 30 G	Preventing and correcting of age-related tone depression, turgor and elasticity of dermis of the face, neck and hands	Stimulates natural production of collagen and fibroblasts, improving skin tone and elasticity

ADVANTAGES

Safe and highly tolerated / Natural and instantly visible results.

A long-term solution against wrinkles

Good results can be achieved with regenerating micro-injections at a millimeter depth, in the papillary dermis. Natural hyaluronic acid is reabsorbed in 3-4 days, but fibroblasts remain revitalized for 2-3 months.

PROTOCOL

First 3 treatments to be done 4 weeks apart, maintenance can be done every 6 months.



NUCLEADYN®

2,5% POLYNUCLEOTIDE GEL

CE marked filler

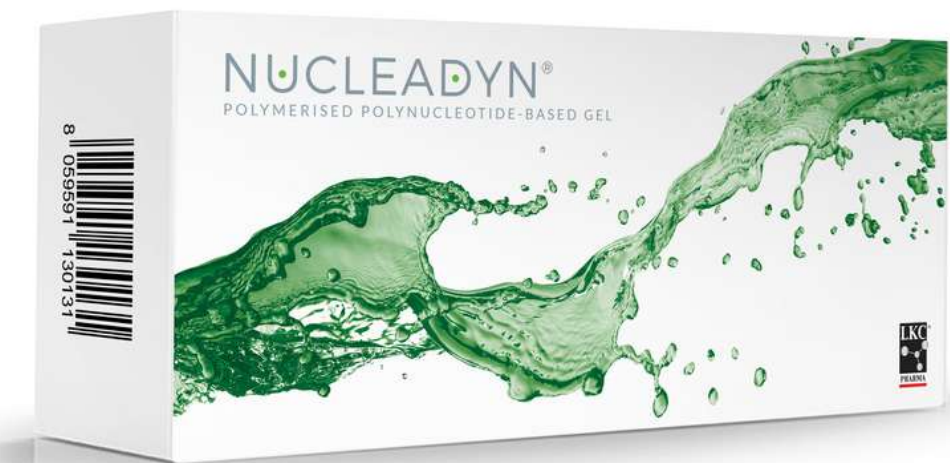
RENEW THE SKIN YOU'RE IN

POLYNUCLEOTIDES are organic molecules that serve as the monomer units for forming nucleic acid polymers, which are essential biomolecules within all life forms on Earth. Polynucleotides are natural fractions of **DNA**, an important tool for regenerative medicine to promote anti-aging processes.

NUCLEADYN is a viscoelastic, sterile, non-pyrogenic, absorbable intradermal injectable solution, based on polymerized **polynucleotides** (PDRN) of animal origin (**salmon***). An innovative and effective way to restore skin firmness and elasticity and ensure healthy skin protected against free radicals and cellular damage.

***Salmon DNA is similar to human DNA.**

Researchers also found that salmon DNA is very safe and compatible with the human body without causing any adverse side effects. The salmon DNA used in NUCLEADYN is purified to be free from other components (such as proteins) which may trigger an immune response.



NUCLEADYN®

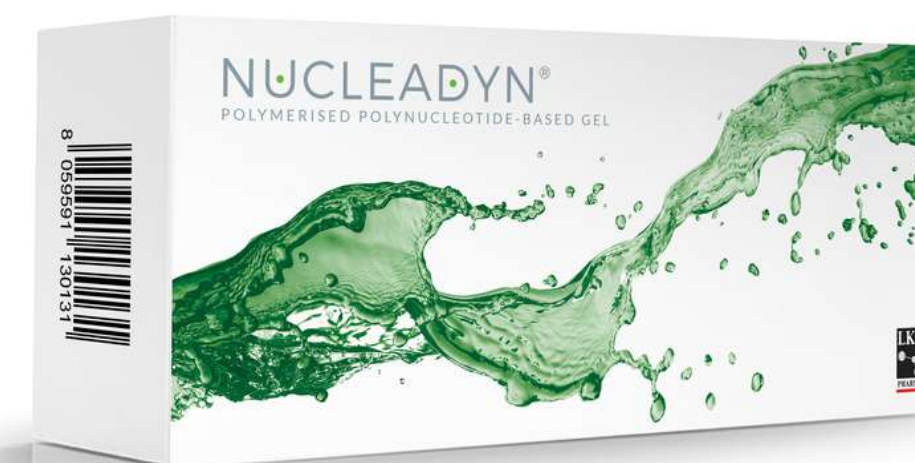
COMPOSITION	INGREDIENTS	NEEDLE	INDICATIONS	RESULTS
1 prefilled syringe x 2 mL	20 mg/mL polymerized polynucleotide based gel	2 TSK needles 30 G	Face, neck, décolleté, underarms, hands, inner thighs, abdomen, knees	Improved skin tone and elasticity, reduced wrinkles and fine lines, promotes tissue improvement and faster healing as a post-surgery treatment

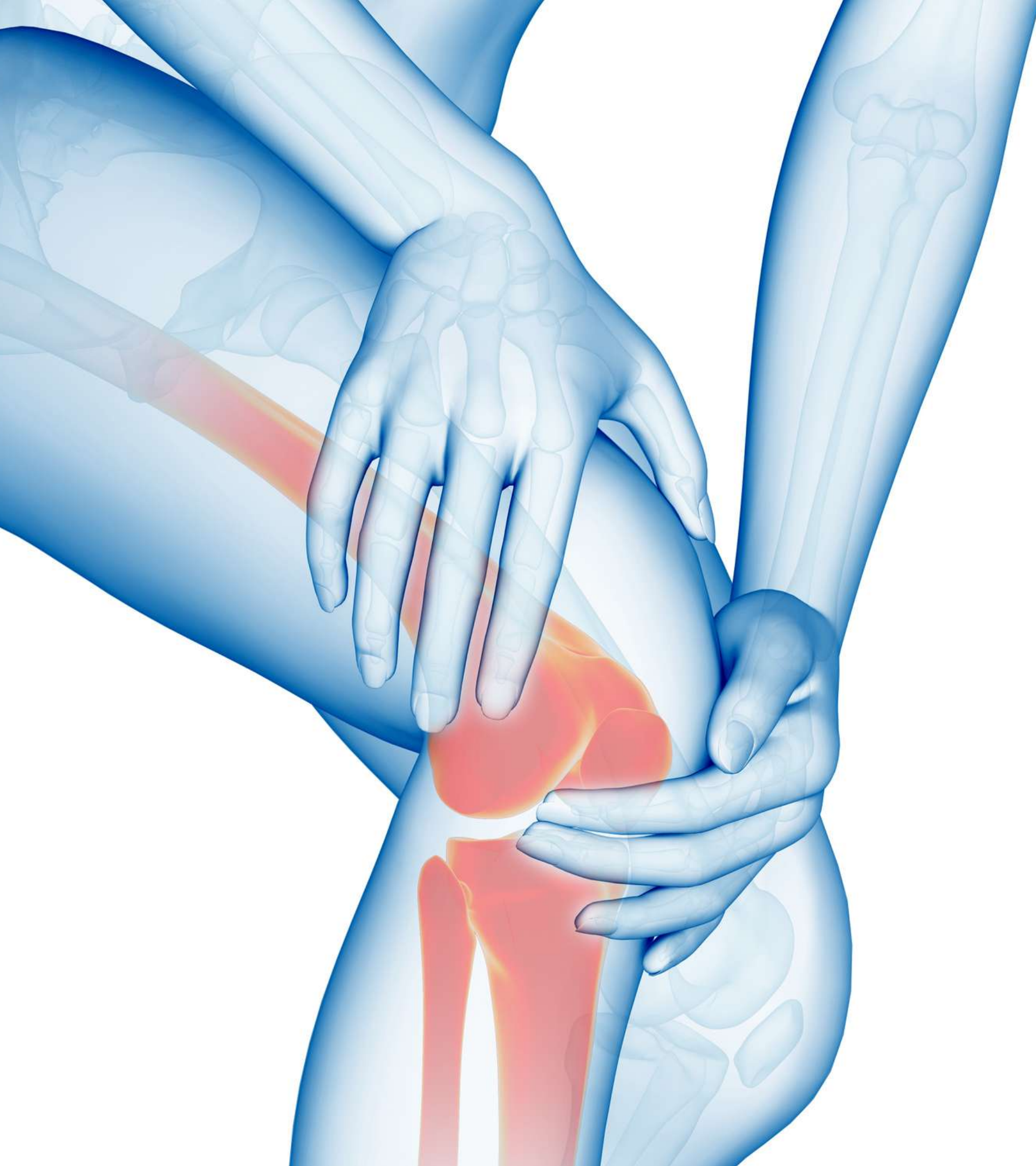
The anti-free radical action of NUCLEADYN prolongs the activity of Hyaluronic Acid, reducing its degradation by around 40%. Injections of Polynucleotides may be layered with hyaluronic acid-based fillers (HYDRADYN & ARANEL) in order to prolong the duration and maximizing the effects of the latter. May be used as a complementary treatment in preparation of the skin before laser treatments, radiofrequency, peelings or before plastic surgery to promote faster healing.

- 22,5% wrinkles after just 3 treatments

PROTOCOL

3 sessions about 4 weeks apart. Maintenance: 1 treatment every 6/9 months





INTRA-ARTICULAR FILLERS

IRALINE 4®
IRACROSS®

ORTHOPEDIC TREATMENT

Osteoarthritis (OA) is the most common joint disease worldwide and is a major cause of long-lasting disability in older people, occurring when the cartilage within a joint breaks down or gets damaged.

HYALURONIC ACID

Hyaluronic Acid or HA is used for OA patients that do not get enough relief with analgesics or other conservative therapies like exercise and physical activity. Viscosupplementation, or intra-articular Hyaluronic Acid injections, is commonly used to treat symptoms of OA. Hyaluronic Acid is a key component of the joint fluid in healthy joints, but is found in lower concentrations in OA joints.

HOW IT WORKS

During viscosupplementation a small amount of Hyaluronic Acid is injected directly into the joint capsule. Hyaluronic Acid is a key component of the synovial fluid. It gives the joint fluid its viscous, slippery quality, which enables the bones' cartilage-covered surfaces to glide against each other, thereby reducing joint friction. HA restores the natural lubrication of synovial fluid and improves cushion to protect joints during physical activity shocks.



IRALINE 4®

PREVENTS CARTILAGE DEGENERATION

CE marked filler

PREVENTS CARTILAGE DEGENERATION

IRALINE 4 is a series of 3 -5 lubrication injections. Each injection delivers a highly purified solution of **linear Hyaluronic Acid** (HA), which acts like a lubricant and shock absorber in the synovial fluid.

Low level of impurities, including proteins and bacterial endotoxins.
High quality of raw materials of non-animal origin, produced via bacterial fermentation.
Diminishes the risk of allergies and hypersensitivity.



IRALINE 4®

COMPOSITION	HA	WEIGHT	POSODOLOGY	ENDOTOXINS	TREATMENT DURATION
1 prefilled syringe x 2 mL	linear Hyaluronic Acid	2400-4000 kDa	1 treatment a week, for 3-5 applications	≤ 0,5 EU/mL	2 months

Do not exceed the quantity of one syringe per injection site and per session.

The beneficial effect of a treatment cycle can last up to 2 months, according to the severity of the joint condition.

The **IRALINE 4** treatment affects only the joint with the injection site and not produce a general systemic effect.

IRALINE 4 must be injected into the joint cavity using a spinai needle ranging between 18 G and 21 G. A needle of a suitable length must be used far treating the joint. All normal precautions for intra-articular injections must be taken. This product must be used with caution in the event of lymphatic or venous stasis in the limb to be treated.



IRACROSS®

CROSS LINKED HYALURONIC ACID WITH DVS

CE marked filler

ONE-SHOT TREATMENT FOR A PROLONGED RELIEF

IRACROSS is an injectable medical device containing **cross-linked Hyaluronic Acid** of non-animal origin, produced via bacterial fermentation. The use of divinylsulfone (**DVS**) **crosslinking agent** gives the product great stability and resistance against hyaluronidases degradation.

Cross-linked Hyaluronic Acid is the result of a long research, being the product of chemical cross-linking of high molecular weight Hyaluronic Acid with a specific chemical reagent. A new concept leading to a mono-phasic product.

Crosslinking and high molecular weight are the two pillars of a very stable, compact structure with good viscoelastic properties. It is much more effective in absorbing mechanical stress and resisting the enzyme, stimulating and preserving at the same time the natural production of hyaluronic acid in the patient. This guarantees a prolonged duration of each administration compared to standard injections, that needed repeated applications.

Iracross. An innovative, technological and safe product, suitable for all joints.
Highly tolerable and side effects free, without the risk of allergic and inflammatory reactions.



IRACROSS®*

COMPOSITION	HA	WEIGHT	POSODOLOGY	ENDOTOXINS	TREATMENT DURATION
1 prefilled syringe x 2 mL	cross-linked Hyaluronic Acid with DVS	2400-4000 kDa	one-shot treatment	≤ 0,5 EU/mL	6 months

Do not exceed the quantity of one syringe per injection site and per session.

The beneficial effect of a treatment cycle can last up to 6 months, according to the severity of the joint condition. In the event of additional treatment cycles, we recommend a 6 month interval between treatments.

The **IRACROSS** treatment affects only the joint with the injection site and does not produce a general systemic effect.

IRACROSS must be injected into the joint cavity using a spinal needle ranging between 18 G and 21 G. A needle of a suitable length must be used for treating the joint. All normal precautions for intra-articular injections must be taken. This product must be used with caution in the event of lymphatic or venous stasis in the limb to be treated.



***IRACROSS® PLUS**
available with a **3 mL dosage**



COSMETIC PRODUCTS

& Class I Medical Devices

Functional skincare products that use **pharmaceutical grade ingredients** to target specific skin conditions. Our range is designed to improve **skin health** and repair damage that causes **specific skin problems**.

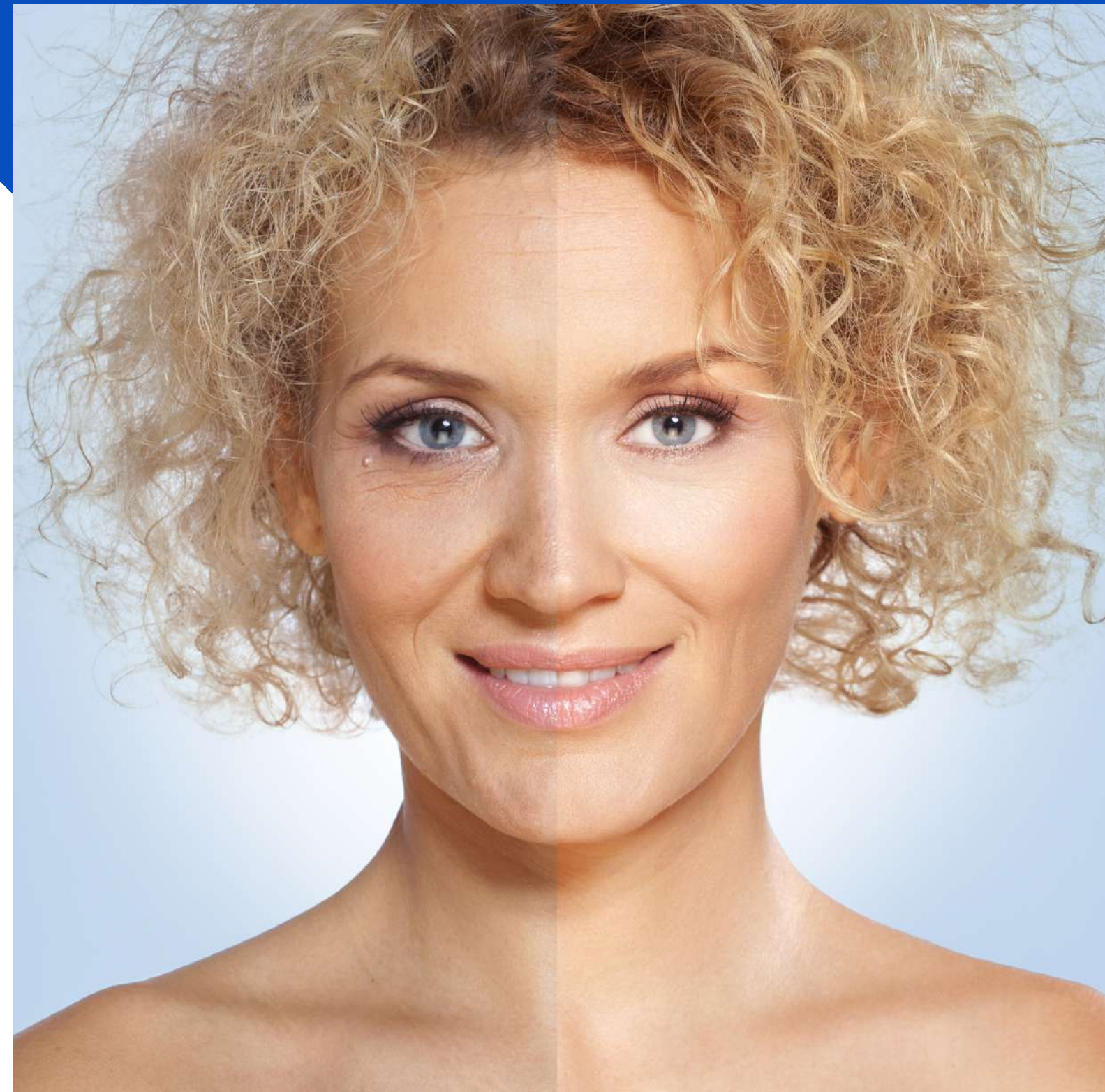
WHITENING SYSTEM

CLEAR RESULTS FOR YOUR SKIN

We've designed 3 different products to treat skin spots and improve the general condition of your skin in 3 steps.

IDEAL FOR

- ultra-sensitive skin types;
- hyperpigmentation and dark spots;
- post aesthetic or surgical treatments;
- dull skin or damaged by the sun.



WHITENING PEELING

Step 1



RENEW YOUR FACE, RENEW YOUR AGE

Whitening Peeling is a superficial peel for face and décolleté based on **Glycolic Acid** with exfoliating and keratolytic activities, widely used for skin revitalization treatments, which boost fibroblast and basal cell activity. Glycolic Acid **exfoliates dead skin cells** and is recommended for treating skin ageing, skin spots and oily skin.

Studies show that Glycolic Acid skincare assists with **boosting collagen production**, which is brilliant for plumping up the skin, diminishing the appearance of fine lines and wrinkles over time. It reacts with the top layer of skin, breaking it down by dissolving sebum and other substances that bind cells together.

Made up of small molecules, it is able to penetrate the skin deeply and easily. This makes it most effective for treating fine lines, acne, blakheads, dullness, oiliness and uneven texture.

Dead skin cells are sloughed off revealing smoother, brighter, younger looking skin. It makes your skin more sensitive to the sun, so its extra important to wear sunscreen.

WHITENING CREAM

Step 2



REDISCOVER YOUR GLOWING AND EVEN SKIN TONE

We have complexed traditional **depigmenting ingredients** in **CYCLODEXTRINS** for a slow release of the actives.

ARBUTIN: works by inhibiting an enzyme found in melanocytes (tyrosinase) – skin cells which confer pigment and coloring to the skin.

GLYCOLIC ACID: which will contrast the formation of skin spots,

LACTIC ACID: is Number 1 amongst the mildest AHA's and is perfect for sensitive skin types. It penetrates the upper layer of your skin, working from underneath the epidermis, detaching dead skin cells from your skin.

It stimulates the elastic fibers of your skin and triggers collagen production where applied. This means that your skin regains its elasticity, becomes thicker and wrinkle-free. Studies have shown that Lactic Acid acts as a melanin suppressor. Less melanin equals less color. Less color equals spotless skin.

LICORICE: strong soothing and emollient power.

HYALUSUN SPF 50

Step 3



REDISCOVER YOUR GLOWING AND EVEN SKIN TONE

Once you have a chemical peel, you really want to **protect the new cells** that are forming. Also, you have removed a thin layer of old cells that help filter out some of the UV rays from the sun.

We recommend that patients **avoid direct sun exposure** for several days to two weeks and always wear a **SPF 50+**.

SUNSCREENS

HYALUSUN®: A NEW GENERATION IN DAILY SUNCARE

A new generation in daily sun protection, providing broad spectrum defense against UVA and UVB rays which cause photo-aging.

The innovative **Dermahyal® Sun System** (inclusion of solar filters in cross-linked Hyaluronic Acid - I.R.A. Istituto Ricerche Applicate's patented), **reduces skin absorption of solar filters up to 40%** and is specifically designed for children and ultra-sensitive skin-types preventing sunburns, providing prolonged protection, as well as targeting external aggressors such as air pollution.

IDEAL FOR

Delicate children's skin

Fair-colored skin prone to sunburns

Post-whitening, aesthetic and surgical treatments

Skin showing premature signs of aging



HYALUSUN®



CROSS LINKING AGENT: UREA

Unlike other cross-linking agents which remain free in the products as residues and are potentially harmful to health, **UREA** is not toxic and has a high **MOISTURIZING activity**.

PROPERTIES

- Excellent ratio of UVA and UVB protection
- Greater photo-stability of sunscreens
- Inclusion of solar filters in cross-linked Hyaluronic Acid (Dermahyal® patented system)
- Better homogeneity of filters on the skin and better texture of the product

BENEFITS

- Decreased skin absorption of toxic elements
- Barrier effect against external aggressors
- Low concentration of sunscreens with less impact on the body and the environment
- Improved skin tolerability & reduced skin absorption of sunscreens
- Moisturizing and anti-aging effect

HYALUSUN®



HYALUSUN® SPF 20 & SPF 30

Specifically designed for pale to normal skin-types.
Invisible finish for beautiful, healthy-looking skin

HYALUSUN® SPF 50

Specifically designed for children and ultrasensitive skin-types. Hyalusun® SPF 50 is also indicated for the protection of the skin post aesthetic treatments.

HYALUSUN® SPF 50 SPRAY SOLARE

Enhanced with Vitamin E, offering antioxidant action by preventing premature skin ageing and appearance of dark spots. The ultra-lightweight and fast absorbing leaves no residue on the skin.
Ideal for hairy skin or applied on the scalp.

HYALUSUN® SPF 50 CC CREAM

A dual-action formula that perfects and corrects skin tone while providing SPF 50+ sun protection. Its color-correcting formula smooths the complexion and creates an ultra natural radiance..

HYLUNIQUE 24®



HYALUSUN® SPF 50 SPRAY SOLARE

A YOUNG YOU 24, HOURS A DAY

24 hour age-defense treatment targeting multiple signs of aging. Featuring Dermahyal® system (**cross-linked HA with Urea**) which forms a barrier on the derma, preventing loss of resilience caused by environmental stressors, pollution and day-to-day damage. Enriched with Vitamin E with an antioxidant action that counteracts the action of free radicals and slows down skin aging.

IDEAL FOR

Skin sensitive to environmental stress like pollution
Women over 35 who've noticed the first signs of aging
Skin that has lost elasticity and fullness

SPECIALS

UREA

Bio affinity, moisturizing and emollient, **UREA restores the Natural Moisturizing Factor.**

Naturally present in the superficial layers of the skin, UREA is used in dermatology for its **keratolytic and exfoliating properties.**

It favours the elimination of dead cells from the thickened skin layer, making the skin soft and smooth.

Thanks to its ability to retain water molecules, UREA deeply moisturizes the skin and promotes skin regeneration.



ULTRA UREA 50®

Contains the highest percentage of Urea available on the market (50%)



IMMEDIATE SOFTNESS

An **intensive 50% urea keratolytic cream**, softens and nourishes ultra dry skin.

Indicated for use in the topical treatment for debridement and promotion of normal healing of hyperkeratotic surface.

High concentration of urea, known for its moisturizing and emollient properties, promotes skin exfoliation by eliminating the dead cells of the thickened skin layer, making the skin soft and smooth.

Thanks to the synergistic action of its components, Ultra Urea 50 attenuates the granular appearance of dry patches and soles, smoothing irregular areas of the body and effectively renovating skin surface to a healthy appearance.

Exfoliant and **cheratolytic** encourages the natural process of skin exfoliation by increasing cellular turnover.

Emollient and **moisturizing**: helps to correct the maintenance of the skin's physiological conditions and **promotes the restoration of Natural Moisturizing Factor (NMF)**, helping to correct the maintenance of the skin's physiological conditions.

HYALUCALM®

CLASS I MEDICAL DEVICE



CALM YOUR REDDENED SKIN

Medical device **HYALUCALM®** contains **Hyaluronic Acid**, one of the main components of the extracellular matrix of the skin. Thanks to crosslinking and its hygroscopic power, it has a **barrier effect** and contributes to maintaining an optimal level of hydration of the dermis by supporting tissue regeneration processes.

HYALUCALM® is indicated for the **treatment of superficial burns**, in the absence of blistering and laceration of the skin. It also has a calming effect in the case of reddened/sensitized skin following surgical and aesthetic treatments.

Cross-linked Hyaluronic Acid 1,6%

Barrier effect, maintains the optimal level of hydration of the dermis, promotes tissue regeneration.

What does it clear up?

Calming and regenerative effect for the treatment of **superficial burns**
Calming effect in the case of sensitized skin following **surgical treatments**
Calming effect in the case of reddened skin following **aesthetic treatments**



FOOD SUPPLEMENTS

Coming Soon

FosfoLip System Complex®,
a new nutraceuticals approach.

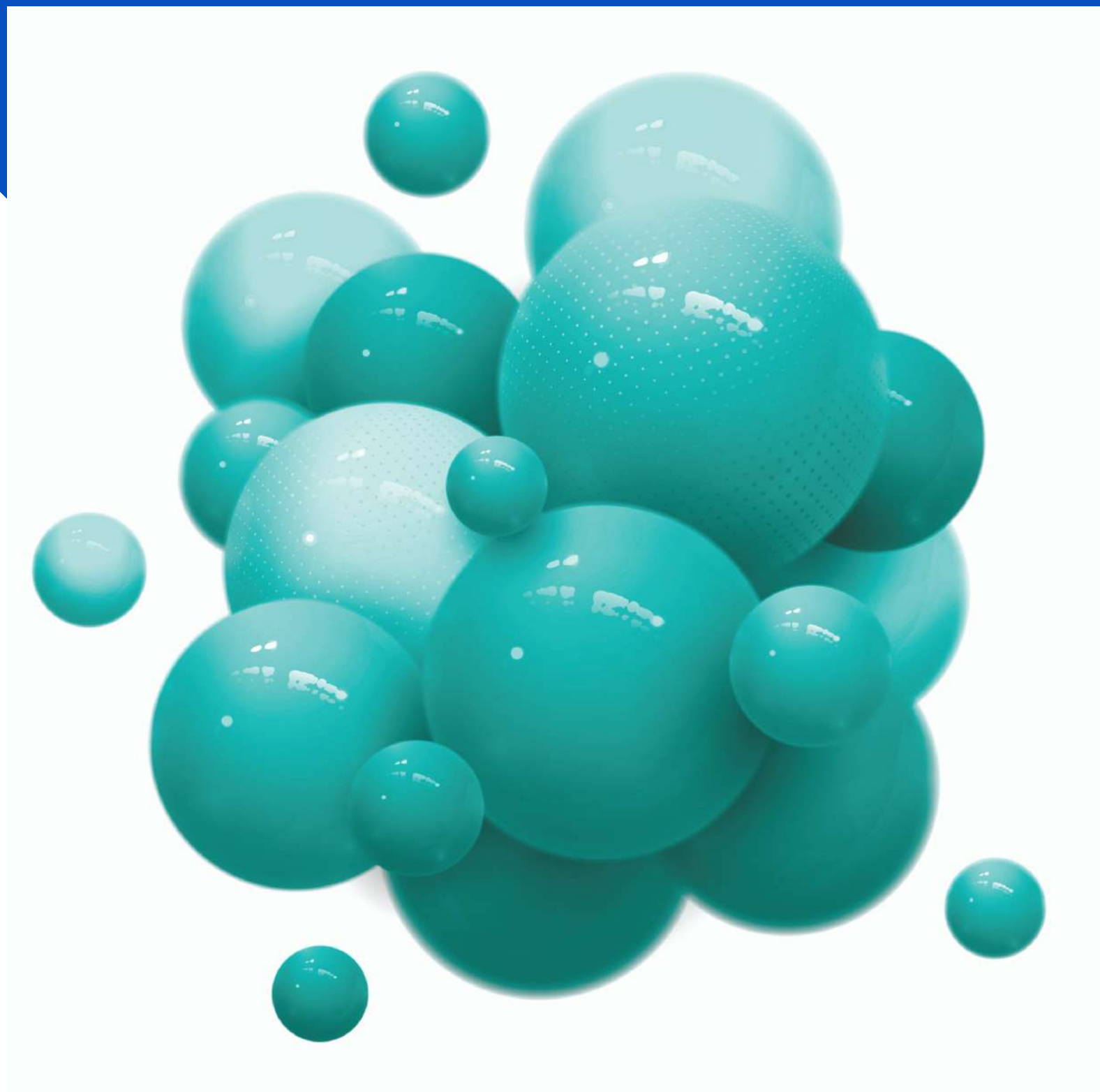
FOSFOLIP SYSTEM COMPLEX®

Fosfolip System Complex® is a new approach for formulation of food supplements in a ready-to-use liquid form.

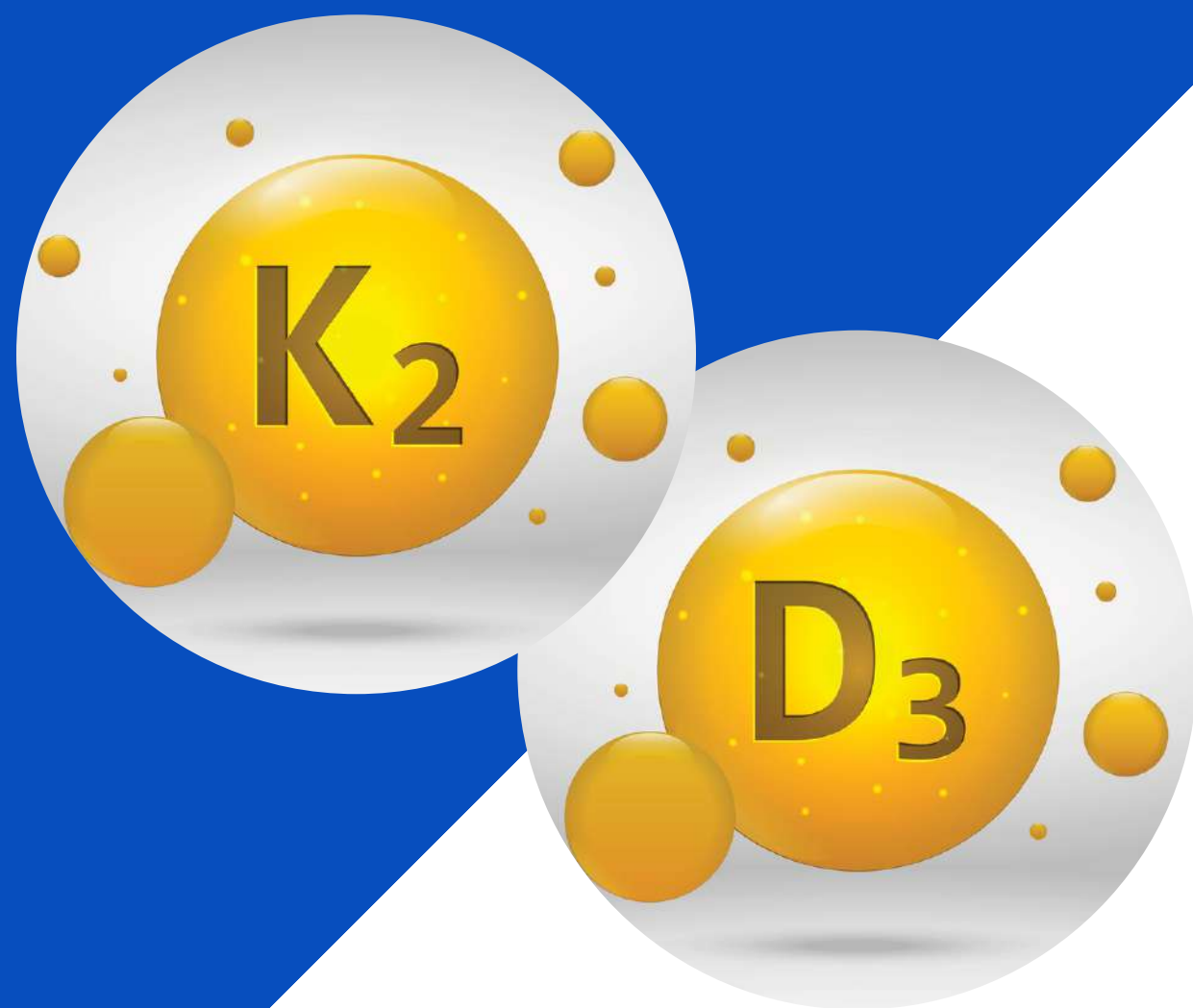
Our formulation at LKC Pharma are based on specifically selected plant-derived phospholipids.

Phospholipids are one of the main components of any biological membrane, and they are known for years to be able to form macromolecular structures of different size and shape, with great affinity to cellular environment. Many active ingredients, in food supplements, such as vitamins or natural compounds do not have the correct balance of lipophilic and hydrophilic properties, suitable for optimal solubility in gastrointestinal fluids and interaction with cellular membranes. Combining selected phospholipids with the desired active compounds, through a multi-step controlled process, results in a product with:

- **Higher stability**
- **Higher bioavailability**
- **Lower necessary dosage**
- **Easier administration method**



FOSFOLIP SYSTEM COMPLEX® BONES



A unique formulation containing **vitamin D3 and K2** complexed together with selected phospholipids, realized through a highly technological process.

K2 + D3 improved bone health and reduced risk of bone-related pain, at different stage in life.

VITAMIN D3

promotes intestinal uptake and transport of calcium, facilitating absorption into the bloodstream.

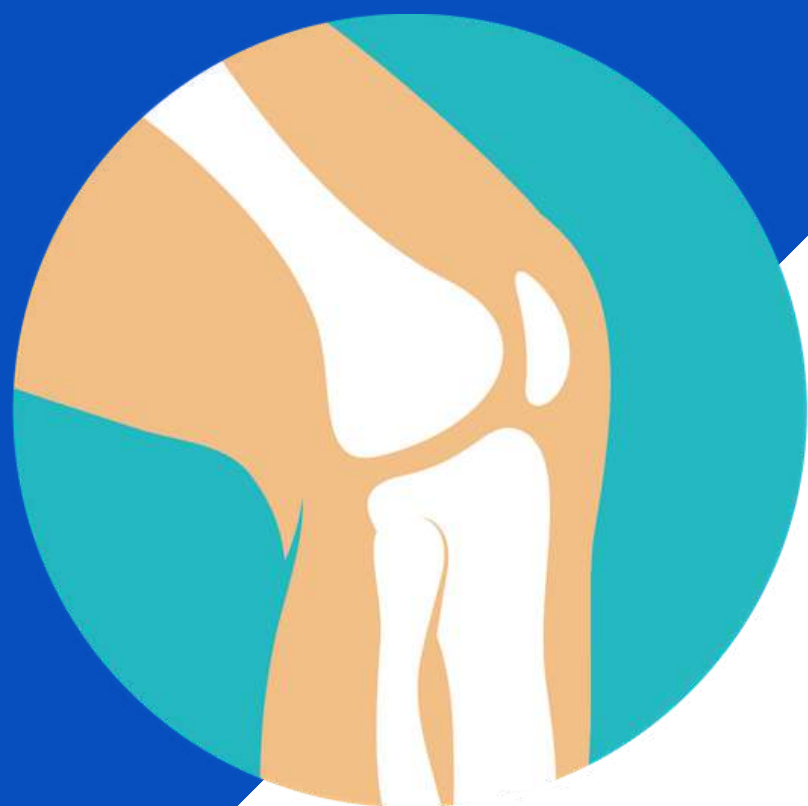
VITAMIN K2

activates two K2-dependent proteins, osteocalcin and matrix Gla-protein (MGP), which works as calcium transporters.

PHOSPHOLIPIDS

improve bioavailability for the two vitamins.

FOSFOLIP SYSTEM COMPLEX® JOINTS



A unique formulation for maintaining a physiological function in muscles and joints.
A mixture of selected phospholipids applied in complexing and activating the selected ingredients, in a highly technological process.

METHYL SULFONYL METHANE (MSM)

with its **anti-inflammatory and free-radical scavenging properties**, it has been well investigated and proven effective for joint health, with positive evidences in: cartilage preservation, improved range of motion, reduced muscles soreness.

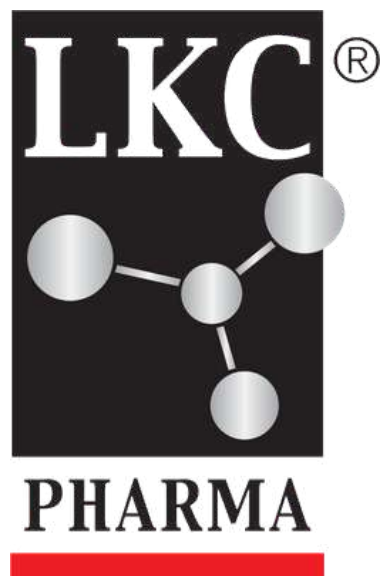
GLUCOSAMINE-D-SULFATE (GDS)

often recommended in combination with MSM, glucosamine sulfate has been regarded as one of the most interesting ingredient in food supplement dedicated to **joint function**. Numerous clinical studies have proven its safety and efficacy.

DO YOU WANT TO BE
OUR NEW DISTRIBUTOR?

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