



# COLLAGEN CREAM T1 COLLAGEN

Transdermal Delivery System & Occlusive Dressing Technique

KOCOSTAR Collagen Cream (T1 Collagen) is an innovative mask that forms a clear film so that you can apply it to any desired area at any time. It utilizes TDS (Transdermal Delivery System) and ODT (Occlusive Dressing Technique) to effectively deliver collagen and other active ingredients deep into the skin.





# **KOCOSTAR T1 Collagen Cream**

#### Feature I

There are 28 types of collagen in our body. The key ingredient of our cream is Type I collagen, which structures and rebuilds skin tissues.

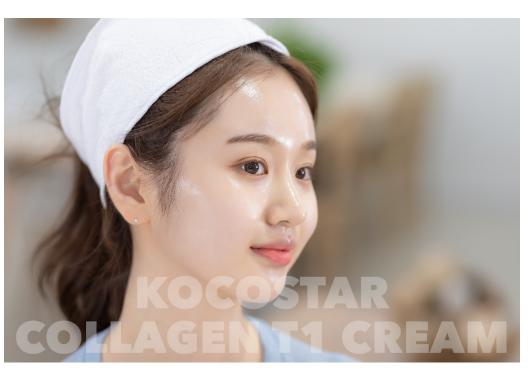
#### Feature II

Our collagen cream forms a nano-sized water membrane to facilitate the dermal delivery of low-molecular collagen (> 500 Daltons). The membrane collects the collagen and makes them get through the epidermis. (*Patented in 2015*)

#### Feature III

Further, chitosan and alginic acid - natural ingredients - form a film barrier to enhance collagen absorption into the skin. (*Patent Pending*)

Many companies try adopting film-forming technology into mask products. Our collagen cream, however, is fundamentally different from such products made with synthetic resins. While those products may irritate and damage the skin when taking off the film, ours leaves a natural glow and rich, glossy feel.



# < Human Body Application Test Report >

A clinical study designed to evaluate the 24-Hour skin radiance (gloss) effect of T1 Collagen 100.

**Subjects:** 22 females aged between 30 and 60

### **Test Result:**

- 1. Compared to before using the testing substance, the skin gloss increased by 36.53% immediately after one use and 29.66% after 24 hours, indicating the 24-hour lasting effect of skin radiance.
- 2. No adverse skin reactions were observed during the clinical test.

#### **Conclusion:**

The product helps to maintain skin radiance for 24 hours.





Our collagen cream forms a nano-sized water membrane to facilitate the dermal delivery of low-molecular collagen (> 500 Daltons).

The membrane collects the collagen and makes them get through the epidermis

KOCOSTAR
COLLAGEN CREAM

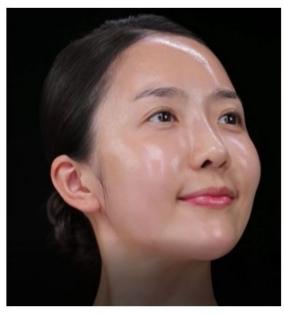
TYPE1 COLLAGEN



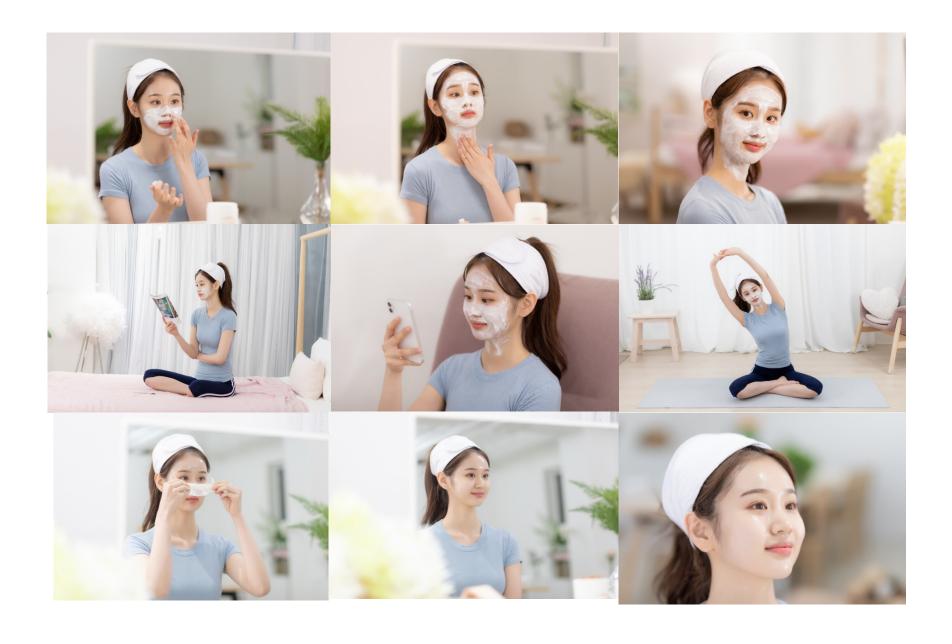






















As we age, our life adds it's depth. So does our skin. How beautiful are the traces of time and experience!

We cannot go back in time, but we are as beautiful now as we were in the past. And we'll always strive to be more beautiful.

The female model in the photograph is 72 years old.

Her continuous pursuit of beauty makes her golden years more beautiful.

# KOCOSTAR





# **BRING NATURAL RADIANCE!**





FILL IN THE CREASES WITH HYDROLYZED COLLAGEN CREAM.



# 28 Types of Collagens?

Class	Type	Distribution
Fibril-forming	I	Bone, skin, tendon, ligaments, cornea
(Fibrillar)	П	Cartilage, vitreous humor in the eyes
	III	Skin, blood vessels
	V	Bone, dermis, co-distribution with type I
	ΧI	Cartilage, inverterbral discs, co-distribution with type II
	XXIV	Bone, comea
	XXVII	Cartilage
Fibril-associated collagens		Bladder, dermis
with	IX	Cartilage, cornea
interrupted triple helices	XII	Tendon, dermis
(FACIT)	XIV	Bone, dermis, cartilage
	XVI	Kidney, dermis
	XIX	Basement membrane
	XX	Cornea of chick
	XXI	Kidney, stomach
	XXII	Tissue junctions
	XXVI	Ovary, testis
Network-forming	IV	Basement membrane
	VI	Muscle, dermis, cornea, cartilage
	VIII	Brain, skin, kidney, heart
	X	Cartilage
	XXVIII	Dermis, sciatic nerve
Membrane-associated	XIII	Dermis, eyes, endothelial cells
collagens	XVII	Hemi desmosomes in epithelia
with interrupted triple helices	XXIII	Heart, retina
(MACIT)	XXV	Heart, testis, brain
Multiple triple-helix	XV	Capillaries, testis, kidney, heart
domains and interruptions (MULTIPLEXINs)	XVIII	Liver, basement membrane

COLLAGEN TYPE 28

There are as many as 28 types of collagens in our body. There are different types of collagens in different organs.

Among them, the most common collagen on adult skin is collagen no.1! The role is to build and rebuild skin tissues!



자료 출처 : Samad, Nur & Sikarwar, Archana. (2016). Collagen: New Dimension in Cosmetic and Healthcare. International Journal of Biochemistry Research & Review. 14. 1-8. 10.9734/IJBCRR/2016/27271.



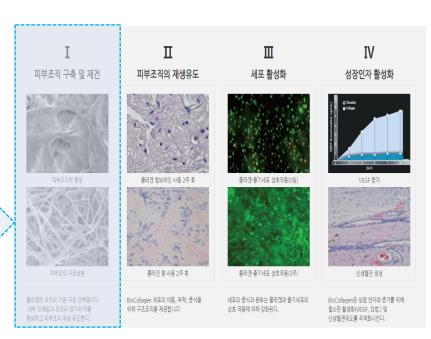


Among 28 types of collagens, the representative collagens are 1, 2, 3, and 4!

### Adult skin contains 85% of Type1 collagen.

In the human body, the decomposition and synthesis of collagen are always repeated, and with age, the balance collapses, resulting in more decomposition than synthesis.





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For that reason, experts use Type 1 collagen!



#### **ABOUT PRODUCT**

**KOCOSTAR Collagen Cream (T1 Collagen)** is an innovative mask that forms a clear film so that you can apply it to any desired area at any time. It utilizes **TDS** (Transdermal Delivery System) and **ODT** (Occlusive Dressing Technique) to effectively deliver collagen and other active ingredients deep into the skin.



For the purpose of promoting wound healing, use cladding materials for adhesion of wound tissue and for anti-pollution and protection of windowing.

Type 1 collagen is expensive, so it is mainly used in dermatology for regenerative treatment, wound treatment, and burn treatment, and most procedures are expensive prescriptions for injection therapy or medical device treatment.

Kocostar has continued to develop this Type 1 collagen material by incorporating it into cosmetics and has finally developed a cream film pack that stays on the skin the longest and produces the most effective type 1 collagen expression.















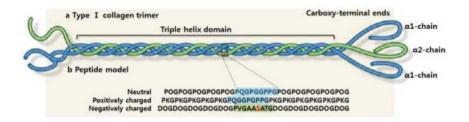




# **New Criteria for Choosing Collagen Products!**

# **Type 1 Collagen Content!**

The keyword to increase skin compliance and maximize the effect of collagen from outside is collagen type. New concept cream film pack with 100% collagen is born only once out of 28 collagen!



#### Note)

Collagen No. 1 existsc often in various connective tissues, skin fibres, ligaments and tendons, and is also found in tissue wound healing, scar recovery and skin regeneration. Collagen No. 1 decreases 65% in the age at 80s compared to age 20s.

자료 출처 1 : Influence of collagen intake upon facial-skin wrinkles (2009) Jeon, Young-Sun/ Kang, Sang-Mo 자료 출처 2 : collagen 이 함유된 의료기기의 물리-화학적 특성 시험방법 가이드라인(민원인 안내서) – 식품의약품 안전처 의료제품 연구부 의료기기연구과 자료 출처 3 : Samad, Nur & Sikarwar, Archana. (2016). Collagen: New Dimension in Cosmetic and Healthcare. International Journal of Biochemistry Research & Review. 14. 1-8. 10.9734/IJBCRR/2016/27271



# A new generation of cream film!



# **New Criteria for Collagen Product Selection II**

# The texture that contains collagen!

A new cream film formulation with a molecular weight of 500Da developed by patented method will make the number one collagen with 100% purity longer! More into my skin.

Without losing anything in the air - Maximize skin adhesion!

Anywhere you want! This is a new concept cream film pack that is easy to apply at any time.





# **Transdermal Delivery System & Occlusive Dressing Technique**





< Cream Texture Cut >





# To be safer, for higher absorption?

The dermatology department is implementing ODT (occlusive dressing technique) therapy as a method to effectively absorb drugs through skin without physical or chemical irritation.

We have been working to develop a method to effectively absorb the active ingredients of cosmetics in the skin through ODT procedures, and as a result, new cream formulations have been developed.

The cream film formulation developed by dermatologists to increase absorption!



# <Active Ingredients>

# **COLLAGEN CREAM (T1 COLLAGEN)**

Transdermal Delivery System & Occlusive Dressing Technique



# **Soothing 7 Complex**

Vitamin B3, Vitamin B5,
Provence rose extract,
green tea extract, licorice
root extract, cypress
extract,
propolis extract

# **Lifting 7 Complex**

Bottle extract, pomegranate extract, acetylhexa peptide-8, capertripeptide-1, Royal jelly extract, Idvenon, Port Marigold flower extract

# Anti-oxidant 7 Complex

Rice bran extract, vitamin C, aceras extract, Vitamin E, Damask rose extract (Bulgarian Rose), aronia fruit extract, vaginalis extract





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# What makes this product special?

The regular collagen molecule is too big and cannot go through our dermal layer. We use hydrolyzed collagen with a reduced molecule size that our skin can absorb. Also, we applied TDS (Transdermal Delivery System) and ODT (Occlusive Dressing Technique) to the product to effectively deliver collagen and other active ingredients deep into the skin without physical or chemical irritation.











# KOCOSTAR



# Transdermal Delivery System & Occlusive Dressing Technique

Fill in the creases with hydrolyzed collagen cream! Our innovative cream forms a film to effectively deliver collagen peptides into our skin, gradually improving the skin texture and reducing signs of aging over time. Plus, vitamins and antioxidant botanicals balance and polish the skin all the more. Use it anywhere at any time and add a youthful glow to your skin!

#### **HOW TO USE**

- ◆Cleanse your face and apply toner to balance the skin. ◆Apply the product to the area of concern using a spatula (6 to 7g for entire face and lesser for targeted area). You can also use hands ◆A film will form as active ingredients absorb. Peel off the film once it dries clear. ◆Gently pat in any remaining essence. Follow up with facial massage if desired.
- \* The film formation rate varies depending on skin type or humidity.
- \* You can apply the product before going to bed.

#### **PRECAUTIONS**

● Stop using the product and consult a dermatologist or physician if the following occurs: (a) Swelling, red (strawberry)marks, or other abnormalities; (b) Itchiness due to indirect or direct exposure to light. ●Do not apply to open wounds, eczema, or dermatitis. ●Prior to general use, test on your skin for sensitivity. ●Avoid contact with eyes. If contact occurs, flush eyes thoroughly with clean water.

#### **STORAGE & HANDLING MEASURES**

●Use only as directed. ●Keep the cap closed when not in use. ●Keep the product out of the reach of children. ●Keep out of the heat or direct sunlight.





### Q. How often should I be using the product?

A. We recommend using the product 2 to 3 times a week, but you can use it daily.

#### Q. What is the recommended amount per treatment?

A. Approx. 6 to 7g can cover the entire face. That's about the size of 2 quarters. Use lesser if you are applying to a targeted area.

#### Q. Do I have to use spatula?

A. You can use your hands, but spatula helps to spread the cream evenly on the curved area.

### Q. Can I use basic skincare products before applying the product?

A. No, please use facial toners only. Lotions and creams can interfere with collagen absorption and film formation.

# Q. Should I wash my face afterward?

A. No. The film can be easily removed from the face without washing your face. Once you remove the film, gently pat in any remaining essence.

# Q. Should I continue onto my regular skin care routine after taking off the film?

A. No, you don't have to. Your skin will remain hydrated and nourished.

# Q. What is the Type I collagen?

A. There are 28 types of collagen in our body. Type I collagen is most commonly found, especially in our skin, and it structures and rebuilds skin tissues. Dermatologists and dentists often use type I collagen to promote wound healing.

# Q. Should I use the product in the morning or at night?

A. You can use it at any time.

# Q. Can I put on makeup after applying the product?

A. Before putting on makeup, make sure to completely remove the film formed from the cream.

# Q. Can I exercise or sleep with the product applied?

A. Yes. Feel free to exercise or sleep once the film forms. Before the film formation, however, the product may smear against clothes or pillows.