



LARENS  
NATURE AND SCIENCE

LARENS  
PROFESSIONAL LINE



***From nature to science***  
*where the beauty begins*



# Bio Renew according to experts

## IN A BEAUTY SALON



**Piękne Ciało Beauty Salon**  
**ANNA ŚWIERNIAK**  
Opole, Polska



**SkinEvolution Beauty Salon**  
**VERONIKA BAŘINOVÁ**  
Velké Pavlovice,  
Czech Republic



**Collagen Club Beauty Salon**  
**LUCIA FRTÚSOVÁ**  
Bratislava,  
Slovenská republika

BIO RENEW PRO mask is a complete revolution in the masks universum. Even the structure of the fabric on its own and how strongly it has been soaked with the active ingredients, make it stand out from all other available masks.

The properties of the mask can be felt and noticed even in the very first moments after the application. My clients are amazed, as even applied after invasive treatments, such as needle mesotherapy, and micro needling radio frequency, Bio Renew mask provides spectacular calming, soothing effects and complete regeneration. A face is brightened, fresh, firmed and it positively glows.

Superb properties of the BIO RENEW PRO mask include:

- extremely strong hydration
- brightening and refreshing
- soothing and calming skin even after intense treatments such as needle mesotherapy and micro needling radio frequency
- softening of epidermis providing comfort
- feeling of a dense and firm skin
- effective wrinkles shallowing
- strengthening of the blood vessels, reducing erythema
- strong regeneration
- it's perfect for tired, dried skin that is grey and shows visible signs of ageing

I have been working with the new BIO Renew PRO Tissue Face Mask since the very moment that it was introduced to me. It was a „love at first treatment”, both for me and for my first client, who left my salon extremely happy. Reason? Undeniable, tangible result assured by the perfectly balanced composition of the active substances, as well as the formula of the fabric used for the mask's sheet.

Personally, I've integrated the mask into a luxurious, 90-minutes salon treatment.

My clients are very demanding, they keep on expecting more, while I will do everything not let them get bored during our meetings. I also tend to maintain the constant growth of experience intensity during the professional treatments, so that clients can see and feel the progress on their skin. I can assure that this mask with its intense properties will take your breath away.

It deeply moisturizes skin, providing long-lasting effects, shallows deeper wrinkles, while the smaller ones disappear at the speed of light, it brightens and tightens up skin... the positive sensation of a tense skin is immediate.

I consider this product to be of the highest quality, beneficial to all women and men. Everyone will love it and use it frequently due to its highest possible effectiveness.

Being a professional beautician I'm facing various novelties from various producers on a daily bases. However, despite the vast offer present in the cosmetic market, there aren't too many products that are capable of catching my interest. Most of the companies release products of an average quality that can only provide mediocre results.

The very first few tests of the new LARENS PROFESSIONAL - BIO Renew PRO Tissue Face Mask were enough to „positively shock” me. Me myself, as well as my clients, were left speechless after witnessing the effects of mask application on skin.

I have never seen such visible rejuvenation and shallowing of wrinkles after just 20 minutes.

I am positive that treatment with the application of the BIO Renew PRO will promote you, as a cosmetician, to a completely new level of service, as your clients will be delighted.



## PHARMACIST



**KATARZYNA ADAMIAK**  
Msc Pharmacy

The complexes used in the BIO Renew Tissue Face Mask and the BIO Renew PRO Tissue Face Mask consist of active ingredients of multidirectional properties, which make them suitable for the highly demanding skin-care.

Effects that are visible to the naked eyes mostly result from the properties of the growth hormones and peptides specialized in the regenerative processes.

Regeneration occurs at the cellular level, which can be observed in the form of long-lasting effects. The vitamin-peptide cocktail strengthens the skin and deeply nourishes it. Skin's high hydration level, improvement in its elasticity and regenerating capacities have all been proven by research. After application of the mask, skin receives a protective barrier that not only contains active ingredients from all complexes optimizing their properties, but also provides a lifting effect.

Designed as part of the professional salon treatment, the BIO Renew PRO Tissue Face Mask is a proper remedy, while the BIO Renew Tissue Face Mask is a complement, destined for the home use.

An appropriate consistency and texture of both kinds of mask tissues enable a maximum level of essential for the skin ingredients absorption, providing it with a shot of longterm energy.

## COSMETOLOGIST

**ELŻBIETA OBCZASIAK**  
Msc Cosmetology



BIO Renew PRO Tissue Face Mask is a peptide treatment dedicated to mature skin in need of rejuvenation and revitalization. The main active ingredients: BIO-Placenta with growth factors, Biopeptide Complex with fish collagen peptides and oligopeptides, as well as oligosaccharides stimulate the cellular renewal in the deeper layers of dermis and epidermis. The treatment is appropriate for mature skin showing the signs of ageing, disrupted face oval, mime wrinkles, and drooping eyelid.

Effects after 1 treatment:

- A visible improvement in the colour, skin becomes more radiant
- Hydration and visible rejuvenation
- Regeneration through stimulation of the collagen and elastin synthesis, regardless of age, shallowing of wrinkles
- Face oval improvement
- An improvement in skin tension and elasticity
- Deep hydration prevents water from evaporating from the skin surface (TEWL)
- Amazing rejuvenating effects in the eyes area

The treatment can be proceeded with an acid or enzymatic peeling. It would clean the skin, freeing it from redundant, dried epidermis, enabling the active ingredients to absorb more easily. What's very important is that the BIO Renew not only doesn't irritate the skin, it also soothes present irritations.

To strengthen the effects, I would recommend complementing the treatment with the Biopeptide Spray PRO, Biopeptide Active Cocktail PRO and Syn Ake Eye & More PRO (an exceptional product for the eye area and mime wrinkles).

I have been noting that regular application of the BIO Renew PRO mask every 4-5 weeks, combined with a weekly application of BIO Renew (for the home use) visibly improves the condition of my patients' skin. My advice? The BIO Renew mask's application is a perfect pre-party treatment, a guaranteed WOW effect before a grand event.

# Bioactive cocktail

a synergy of active ingredients and contained substances

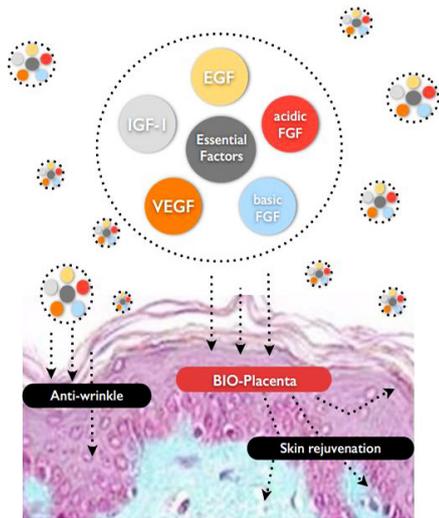
## BIO-PLACENTA COMPLEX

GROWTH FACTORS  
L-GLUTAMINE  
VITAMIN B9  
OLIGOPEPTIDES  
POLIPEPTIDES  
HYALURONIC ACID

### Growth factors

#### What are the growth factors?

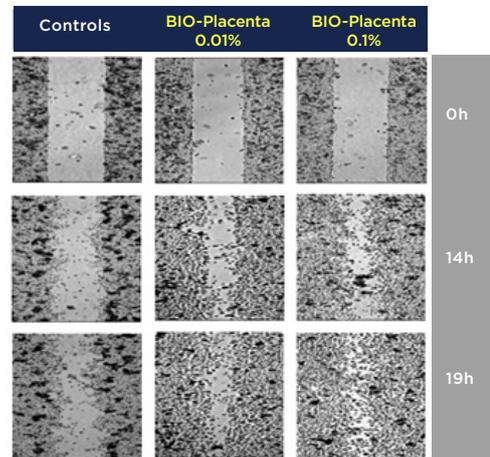
From the chemical perspective, these are polypeptides – proteins that consist of amino-acid sequences.



\* EGF - epidermal growth factor  
\* IGF-1 - insulin-like growth factor  
\* a i bFGF - basic fibroblast growth factor in the alkaline and acidic medium  
\* VEGF - vascular endothelial growth factor

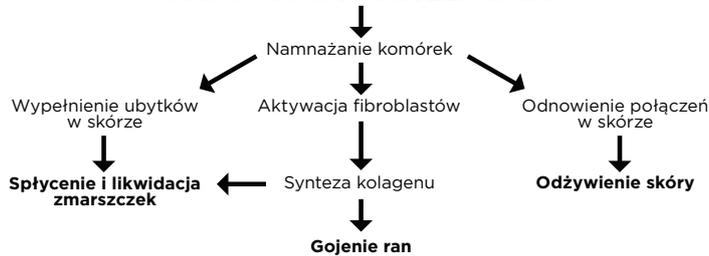
#### How do growth factors work?

First and foremost they **activate the DNA synthesis**. **DNA synthesis activation causes cells to multiply**. And the cellular multiplication results in complementing the skin losses, as well as shallowing and reducing of wrinkles. Furthermore, newly created cells and new blood vessels enable **better transportation of the nutrients and oxygen, facilitating a faster level of regenerating processes**. Growth factors activate the fibroblasts synthesis, inducing a collagen growth, making the skin elastic and firm. They contribute to the replacement of damaged cells with new ones. Therefore, it can be said that our skin gets a new life.



Improvement in the skin's regenerating capacities after the use of Bio-Placenta extracts containing different concentrations of growth factors

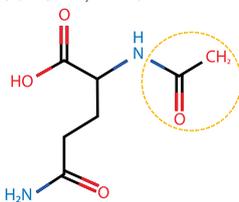
### AKTYWACJA SYNTEZY DNA



### L-glutamine

#### What is it?

L-glutamine is an amino acid. The complex contains it in the acetylated form, which increases durability and bioavailability of the molecule.



L-glutamine molecule after structural modification

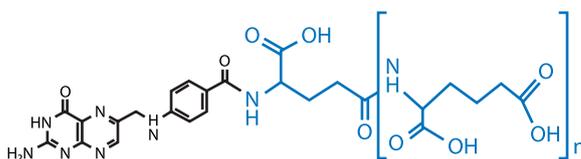
#### How does it work?

It strengthens the barrier of the epidermis against the moisture loss, keeping it in a state of **optimal hydration** for a long time. It **softens the skin**, making it pleasant to touch. It **relaxes the epidermis**, thus protecting it from external factors to which the skin is exposed every day.

### Vitamin B9

#### What is it?

A structurally modified folic acid molecule. Such form of the molecule allows its higher stability and guarantees its effectiveness.



The folic acid molecule after structural modification

#### How does it work?

Vitamin B9 (folic acid) is essential for **the correct cell division**, participates in the DNA synthesis, and its deficiency can inhibit tissue growth. Hence, it strengthens the growth factors' properties.

## Oligo-and polipeptides

### What are they?

Proteins of different lengths of the amino-acid chains.

### How do they work?

These proteins stimulate the collagen and elastin synthesis and by doing so, improve skin density and firmness. Due to their ability to modulate face muscles contractions, **they minimize the creation of the mime wrinkles.**

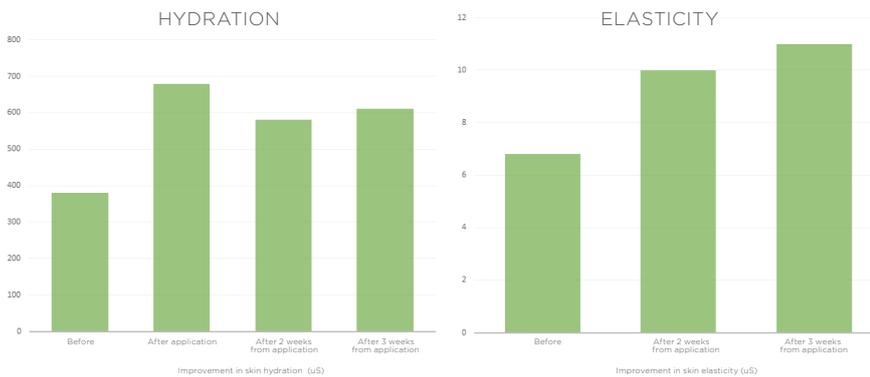
## Hyaluronic acid

### What is it?

Polysaccharide from the glycosaminoglycans group.

### How does it work?

Exhibits intense **moisturizing** properties. Possesses an ability to bind large amounts of water: one acid molecule is able to bind up to 250 molecules of water. It is a strong antioxidant: it „wipes away” free radicals, **providing anti-ageing effect.** It fills up the intercellular space, facilitating the exchange of substances between cells - has **nourishing properties.** It also initiates the epithelialization processes - **it regenerates.**



Source: [http://labio.kr/?lang=US&tpf=board/view&board\\_code=4&code=36](http://labio.kr/?lang=US&tpf=board/view&board_code=4&code=36)

Graphs show the results of tests on improvement of skin hydration and elasticity after applying the BIO Placenta conducted with the use of the Cortex Technology Dermalab apparatus.

Immediately after application of the BIO Placenta, skin hydration level was improved by **83%**, after 2 weeks by **50%**, while after a month by **64%**. Skin elasticity level increased by **32%** after 2 weeks, while after 4 weeks it increased by **47%**.

## BIOPEPTIDE COMPLEX

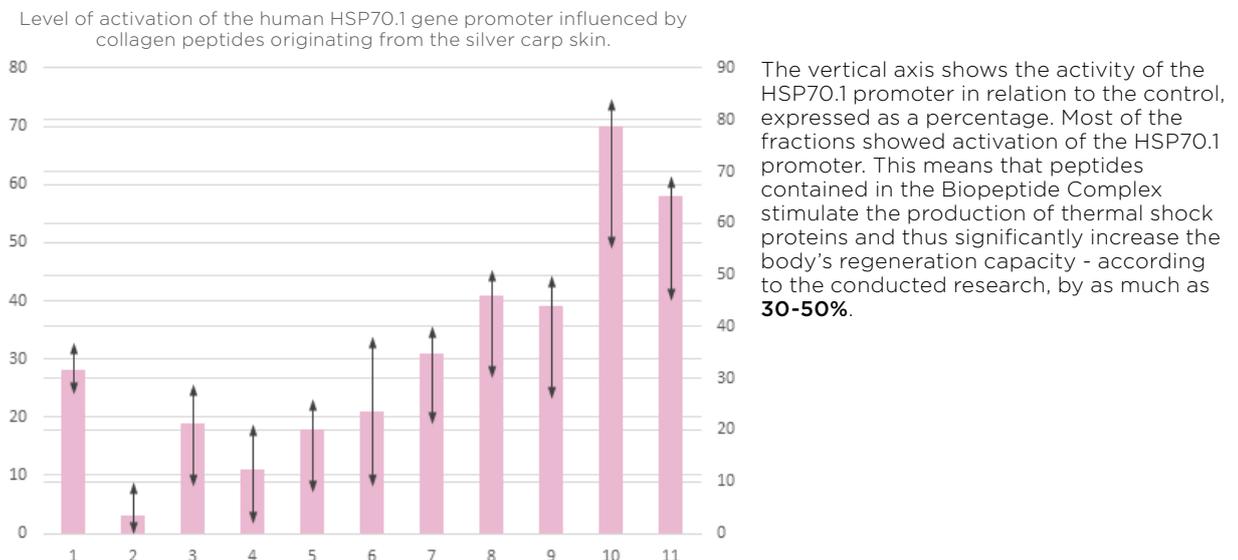
COLLAGEN I:  $\alpha 1, \alpha 2, \alpha 3$  / COLLAGEN IV  $\alpha 1$  / COLLAGEN VI  $\alpha 3$  / COLLAGEN VII / PROCOLLAGEN VIII  $\alpha 2$  / DECORIN / LUMICAN / HISTONES: H2A, H2B, H4 / AMINO ACIDS

### What are bioactive fish peptides?

They are natural origin proteins that respond to what the organism actually needs at a particular time.

### How do bioactive fish peptides work?

Depending on their structure they perform different functions in an organism: **signal, relaxing and transporting.** Signal peptides send a signal to fibroblasts which then activate the synthesis of the support proteins: collagen and elastin, which are a building material of all organism's tissues. With age the ability to produce them decreases, that's why skin needs them so much. Relaxing proteins relax facial muscles, making mime wrinkles less visible and providing a so-called 'botox effect'. Transporting peptides carry substances that are essential for cells to survive, hence they accelerate the regeneration processes.



Source: *Wpływ peptydów ze skóry tołpygi na aktywność promotorów transkrypcji genów VEGF i HSP70.1.* D. Wojtkowiak, J. Piechowicz, J. Grzenkiewicz-Wydra, S. Wosiński, A. Frydrychowksi. Gdański Uniwersytet Medyczny, Gdyńskie Centrum Innowacji, Uniwersytet Technologiczny w Poznaniu.

## PHYTODERMINA LIFTING COMPLEX

HYDROXYPROPYL- $\beta$ -CYCLODEXTRIN

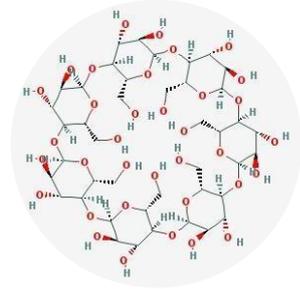
### What is hydroxypropyl- $\beta$ -cyclodextrin?

It's simply a polysaccharide of a cyclic structure. The complex contains it in a form of a concentrated solution of 3-5%.

### How does it work?

It encloses the ingredients of all complexes, providing them with optimal conditions. Most importantly, it **creates on skin a kind of film**. It enables the ingredients to penetrate deeply into the skin and optimizes their properties. Furthermore, it modifies the skin structure, fills up its damages, thusly exhibiting **anti-wrinkling properties**, it smoothes the skin and protects it against harmful external factors that affect our skin every day.

The phenomenon of the **BIO Renew PRO Tissue Face Mask** is based on the **synergy of all complex ingredients**, while **Phytodermina additionally provides them with ideal conditions and protects skin**.



Cyclodextrin molecule

## Mask sheet fabric

One of the important aspects is the fabric used for the creation of the mask sheet. It matters as far as usage, mask effectiveness and ecology are concerned. Most of the tissue masks are produced based on a synthetic non-woven fabric that at best releases back 40% of the emulsion to the skin and it's made of PET or PE materials (same ones that are used for the production of water or coca cola bottles).

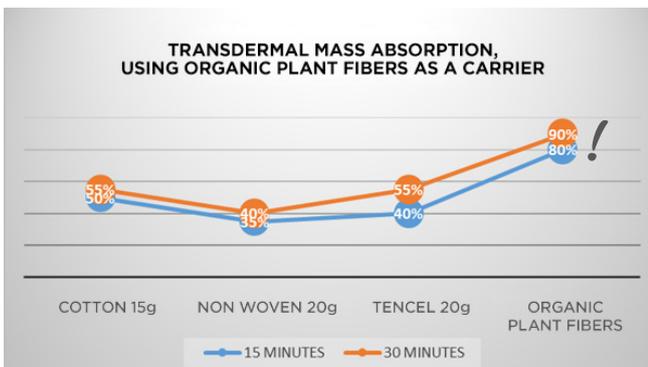
The BIO Renew mask sheet in its pro version dedicated to beauty salons consists of **organic plant fibers obtained from certified organic farming**. They assure a high level of releasing active substances present in complexes - **above 80%**. The weave of plant fibers is rich and dense, making it an ideal mass carrier that allows the mass to penetrate deeply into the skin's structure. A pleasant texture of fitting weight allows easy application of the mask, optimizing its performance.

The BIO Renew mask for the home use is **a plant nano-silk with an above 75% release level**. Thanks to its liquid fibers the fabric remains soft and perfectly adjusts to the skin.

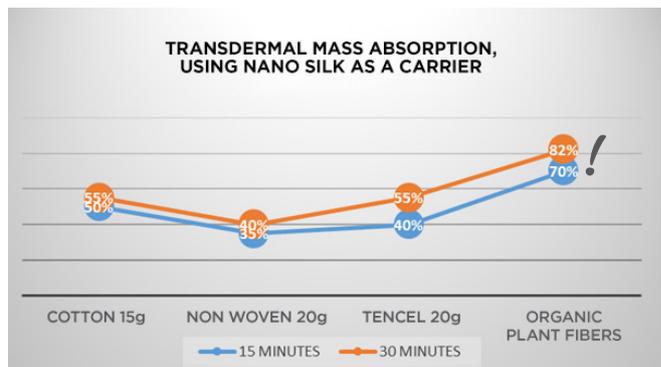


Mask fabrics are antiallergic and air-permeable, allowing skin to breath during the treatment. Fibers are **100% biodegradable** and hence, environment-friendly. Obtained in a manual way, animal cruelty-free.

TRANSDERMAL MASS ABSORPTION, USING ORGANIC PLANT FIBERS AS A CARRIER



TRANSDERMAL MASS ABSORPTION, USING NANO SILK AS A CARRIER



# Instant and long-lasting

effects of mask application in time

## INSTANT ACTION



### 1 STAGE

After 20 minutes of application

Instant hydration, smoothing and lifting effects thanks to a vitamin-peptide cocktail from the active ingredients contained in the complexes



- ✓ HYDRATION
- ✓ LIFTING
- ✓ SMOOTHING

## EVEN BETTER PERFORMANCE



### 2 STAGE

approx. 3 days after application



The BIO-Placenta Complex growth factors are still working on regenerating already existent skin damages. **Spectacular effects can be observed already 14 hours from the application (in vivo tests).**

3 days from the mask application regenerating and repairing processes additionally strengthened by the properties of the peptides contained in the Biopeptide Complex, significantly improve skin condition, which can be seen with naked eyes.

## LONG-TERM RESTORATION



### 3 STAGE

7 and more days after the application

Within the first hours and days from the application, the mask's contents are already taking care of the existing damages. Let's not forget that every day our skin is exposed to cellular level damages.

**Thanks to the presence of the growth factors and remaining active ingredients absorbed from the mask, the skin is much more capable of faster and more effective regeneration.**

In a longer perspective it translates to long-term support for the natural skin cell renewal.

In the same time, the effectiveness is assured by the Phytodermina Lifting Complex, which creates a sort of film on the skin surface. **It makes it easier for the ingredients to deeply penetrate the skin structure while protecting it from the harmful external factors.** Furthermore, it smoothes the skin and provides a lifting effect. In order to maintain the effects achieved via treatment, it should be repeated once a month to enjoy beautiful, healthy skin every day.

tested and scientifically proven

intensive regeneration

„BIORENEWAL”  
CONNECTING NATURE  
AND 21ST C. BIOTECHNOLOGY

spectacular effects

## REFERENCES:

- Wpływ peptydów ze skóry tołpygi na aktywność promotorów transkrypcji genów VEGF i HSP70.1. D. Wojtkowiak, J. Piechowicz, J. Grzenkowicz-Wydra, S. Wosiński, A. Frydrychowski. Gdański Uniwersytet Medyczny, Gdynskie Centrum Innowacji, Uniwersytet Technologiczny w Poznaniu.
- Hydroxypropyl- $\beta$ -cyclodextrin-containing hydrogel enhances skin formononetin permeation/retention. Dias, P.H., Scopel, M., Martiny, S., Bianchi, S.E., Bassani, V.L., Zuanazzi, J.A.S.. Journal of Pharmacy and Pharmacology, 2018, 70(7), 865-873
- EGF/vitamin E acetate-cyclodextrin liposome as well as preparation method, use method and application thereof. Chai, Y., Huang, H. CN107789207, 2018
- Novel cosmeceuticals from plants—An industry guided review. Charles Dorni, A.I., Amalraj, A., Gopi, S., Varma, K., Anjana, S.N. Journal of Applied Research on Medicinal and Aromatic Plants, 2017, 7, 1-26
- Protective effects of skin permeable epidermal and fibroblast growth factor against ultraviolet-induced skin damage and human skin wrinkles. An JJ1, Eum WS, Kwon HS, Koh JS, Lee SY, Baek JH, Cho YJ, Kim DW, Han KH, Park J, Jang SH, Choi SY.
- Fibrin as a Tissue Adhesive and Scaffold with an Angiogenic Agent (FGF-1) to Enhance Burn Graft Healing In Vivo and Clinically. Feldman DS1, Osborne S2
- Multifunctional Delivery Nanosystems Formed by Degradable Antibacterial Poly(Aspartic Acid) Derivatives for Infected Skin Defect Therapy. Song HQ1, Shao MY1, Li Y1, Ding XJ1, Xu FJ1
- Tissue Engineered Skin Substitutes. Goodarzi P1, Falahzadeh K2, Nematizadeh M2, Farazandeh P2, Payab M3, Larijani B4, Tayanloo Beik A5, Arjmand B6.
- Preparation and characterization of nanoparticles from quaternized cyclodextrin-grafted chitosan associated with hyaluronic acid for cosmetics. Sakulwech, S., Lourith, N., Ruktanonchai, U., Kanlayavattanakul, M. Asian Journal of Pharmaceutical Sciences, 2018, 13(5), 498-504
- Skincare rich-hydrogen water composition and production process and application thereof to cosmetics. Zhang Y. CN108143659, 2018
- Camellia oleifera component based body lotion and preparation method thereof. Wu, S., Song, B., Liu, R. CN106667837, 2017
- Natural plant beauty cosmetics. Liu, Y. CN106361639, 2017
- Delivery systems for cosmetics – From manufacturing to the skin of natural antioxidants. Costa, R., Santos, L. Powder Technology, 2017, 322, 402-416
- Peptydy i białka Lupo M.P., Draelos Z.D., Kosmeceutyki, Wyd. Medyczne Urban & Partner Wrocław 2005.
- Peptydy jako nowe syntetyczne składniki preparatów kosmetycznych. Olejnik A., Nowak I., Receptory molekularne-właściwości i zastosowanie, pod redakcją G. Schroedera, Cursiva 2009, 105 - 121
- Przyszłość peptydów Pzyziol L., Les Nouvelles Esthétiques (1)2007
- Bioactive peptides: signaling the future Fields K., Falla T., J., Rodan K., Bush L, Journal of Cosmetic Dermatology, (8)2009.

# Mask's effects



Before

After

Before

**Age:** 60

**Skin type:** Dry

Non-invasive face lifting treatment:

1. Aha Face Peeling Pro
2. Radio Frequency treatment (electromagnetic radiation of radio frequency causing a thermal effect in the tissue)
3. Biopeptide Spray Pro
4. Biopeptide Active Cocktail Pro
5. Syn Ake Eye & More Pro
6. **BIO Renew PRO Tissue Face Mask**
7. Larens GLA Face Cream

**Treatment's results and benefits:** Immediate and long-lasting skin firming, general, visible skin rejuvenating, noticeable smoothing of wrinkles and skin imperfections. Visible fat reduction.

**Important:** NON-INVASIVE method - no time is needed for the post-treatment recovery; short treatment duration - can be performed at any time of a day; treatment is very pleasant for clients.

Collagen Club Beauty Salon, Bratislava



Before



After 20 min. of the BIO Renew Tissue Face Mask application



3 days after application

**Age:** 40+

**Skin type:** dried, visible furrows on the forehead, damaged with tanning

Larens home use products applied:

1. Enzymatic Peeling
2. **BIO Renew PRO Tissue Face Mask**

**Results:** visible shallowing of the forehead furrows, brightened colour, smoothing; ongoing improvement of the skin condition 3 days from the application.



Before



After

**Age:** 60+

**Skin type:** Thick skin prone to creation of furrows

Larens Professional Line products applied:

1. Face Toner PRO
2. Face Milk PRO
3. Biopeptide Spray PRO
4. **BIO Renew PRO Tissue Face Mask**
5. Lifting Cream Mask PRO

**Results:** Significantly shallowed furrows, strong skin hydration, chin lifting.

La Déesse Beauty & Wellness, Gdynia



Skin after needle mesotherapy, visible post-treatment irritations



Skin after BIO Renew PRO Tissue Face Mask

**Age:** 45+

**Skin type:** dry, grey, very sensitive, delicate

Larens Professional Line products applied:

1. Face Milk PRO:
2. Face Toner PRO
3. Aha Face Peeling PRO
4. Biopeptide Spray PRO
5. **BIO Renew PRO Tissue Face Mask**
6. Lifting Cream Mask PRO

A needle mesotherapy treatment was performed.

**Results:** Skin irritation caused by needle mesotherapy treatment was significantly soothed. After approximately 2 hours from the procedure, any puncture traces disappeared completely. The skin was calmed and strongly hydrated.

La Déesse Beauty & Wellness, Gdynia

During and after the Rfrax treatment. (fot. 1 i 2)



During and after the BIO Renew PRO application (fot. 3 i 4)

**Age:** 40+

**Skin type:** normal, prone to sensitive

Treatments and Larens Professional Line products applied:

1. Rfrax treatment (microneedling radiofrequency)
2. Biopeptide Spray Pro
3. **BIO Renew PRO Tissue Face Mask**

**Results:** Calm, soothed skin, reduced redness caused by the proceeding Rfrax treatment, immediate skin tension and lifting, shallowed wrinkles.

Piękne Ciało Beauty Salon, Opole





# "INNOVATION LNE 2019"

PRIZE 39. Congress and Fair

*Les Nouvelles Esthétiques*

## REVOLUTIONARY TISSUE MASKS

- ALTERNATIVE AS WELL AS COMPLEMENTATION FOR THE INVASIVE BEAUTY SALON TREATMENTS
- UNMATCHED AND MARKET-UNIQUE TISSUE MASK
- GUARANTEED RESULTS AFTER 20 MINUTES OF APPLICATION



ADVANCED 21<sup>ST</sup> c. BIOTECHNOLOGY  
PATENTED, MARKET-UNIQUE ACTIVE INGREDIENTS



- BIOPEPTIDE COMPLEX - BIOACTIVE FISH COLLAGEN PEPTIDES
- BIO PLACENTA - BIOACTIVE GROWTH FACTORS FROM A PLANT PLACENTA
- PHYTODERMINA LIFTING® - LIFTING OLIGOSACCHARIDES

OVER } **20** ACTIVE SUBSTANCES

## BIORENEW PRO TISSUE FACE MASK



for beauty salons' use

## BIORENEW TISSUE FACE MASK

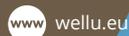


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