



PHILLEX™

PHILLEX™ – is a new generation of intradermal fillers based on stabilized hyaluronic acid of non-animal origin.

PHILLEX™ – due to the innovative production method, it became possible to obtain spherical molecules of hyaluronic acid with higher-order and dense grid.

PHILLEX™ – is the first medical product with spatial ordering of molecules of hyaluronic acid (4D-matrix technology). Due to the production technology of spherical molecules, **PHILLEX™** not only removes skin defects but also allows to resist the compression load, creates a «spring» effect, that consequently results in greater facial tissues lifting.

PHILLEX™ – showed its efficacy and safety, proved by a series of comparative clinical studies conducted with Restylane (Qmed, Sweden)

Advantages:

1. Maximum efficacy based on a high percentage of defect correction and patient satisfaction, proved by clinical studies.

2. Duration of result through stabilized highmolecular hyaluronic acid of spherical shape (from 12 till 18 months).

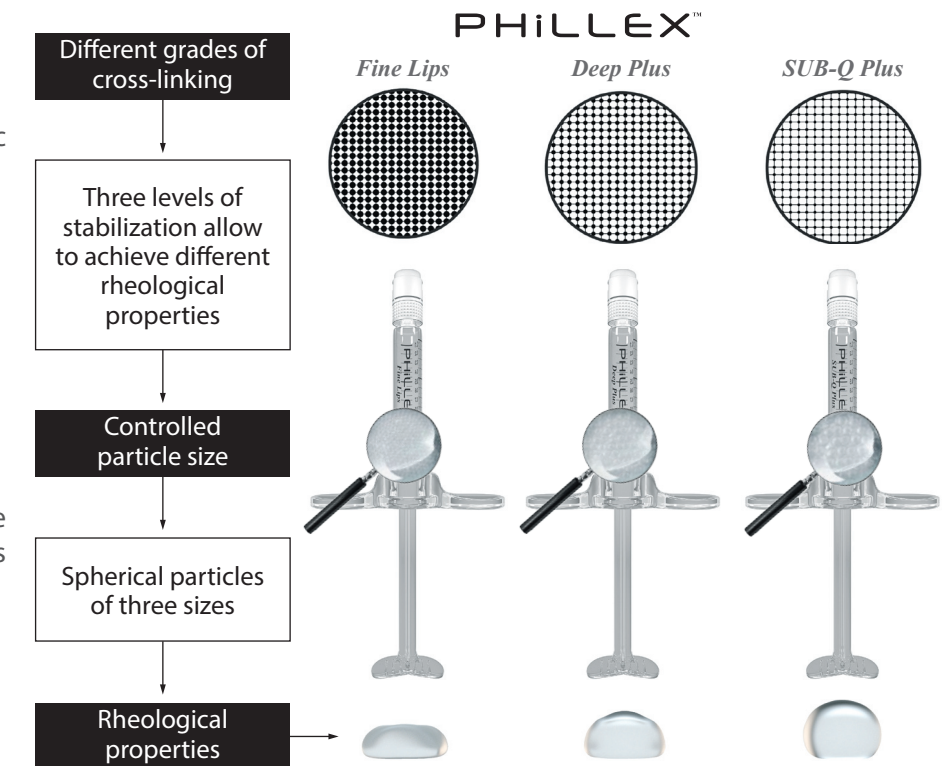
3. Safety – an opportunity to avoid undesirable side effects, complete biodegradation, hypoallergenicity, endotoxin level less than 0.05 UE/g.




4. Minimal tissue damage due to a high plasticity of fillers. Patients prefer fillers where tissue damage is minimal.

5. Thixotropy – a filler consists of spherical molecules, so when the pressure in the syringe increases, the hyaluronic acid particles decrease in volume, and inside the tissues restore their volume. This effect allows the doctor to control the injection during the entire procedure.

6. Painlessness – relative painlessness is achieved due to the laser needle sharpening at the first phase of the procedure, and lidocaine anesthetizes at the second stage (patients almost do not feel the puncture) and eliminates the discomfort after the procedure.

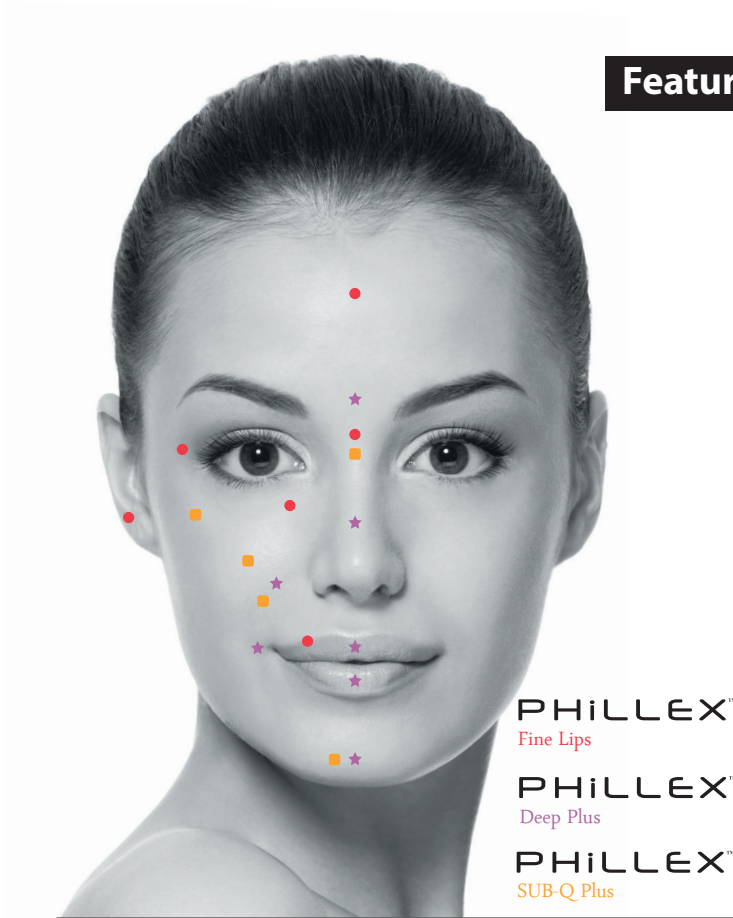
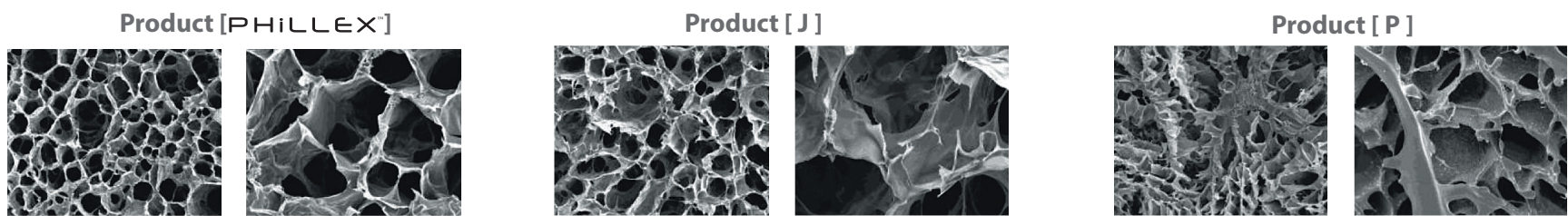
P. C. T – Precision Calibration Technology



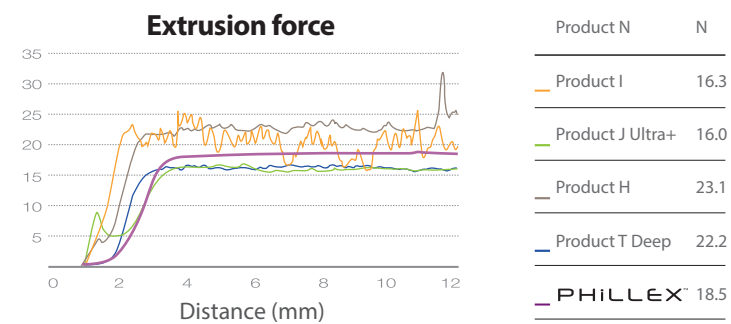
Product range			
	<div>PHILLEX™ <i>Fine Lips</i></div> <div></div>	<div>PHILLEX™ <i>Deep Plus</i></div> <div></div>	<div>PHILLEX™ <i>SUB-Q Plus</i></div> <div></div>
Composition	24 mg/ml (1.1 ml) lidocaine 3 mg/ml	24 mg/ml (1.1 ml) lidocaine 3 mg/ml	24 mg/ml (1.1 ml) lidocaine 3 mg/ml
Purpose	<ul style="list-style-type: none">• wrinkles• vermillion zone• small lip volume• nasolacrimal groove	<ul style="list-style-type: none">• nasal labial fold• lip volume• raising corners of the mouth• malar region	<ul style="list-style-type: none">• malar region• chin region• angle of lower jaw• temporal region
Injection depth	epidermis, upper dermis	middle/deep layer of derma	deep layer of derma/hypodermis
Syringe volume	1.1 ml	1.1 ml	1.1 ml
Needle size	30G/27G	27G	25G/27G
Storage	2-25 °C	2-25 °C	2-25 °C
Duration of result	8 - 10 months	12 - 14 months	12-18 months
BDDE	not detected	not detected	not detected
Shelf life	24 months	24 months	24 months

Features: 1. Monophasic spherical structure

PHILLEX™ has a regular, spherical and dense grid comparing with other fillers, ensures continuous and easy injection throughout the entire process of volumization and helps to ensure natural and harmonized appearance.

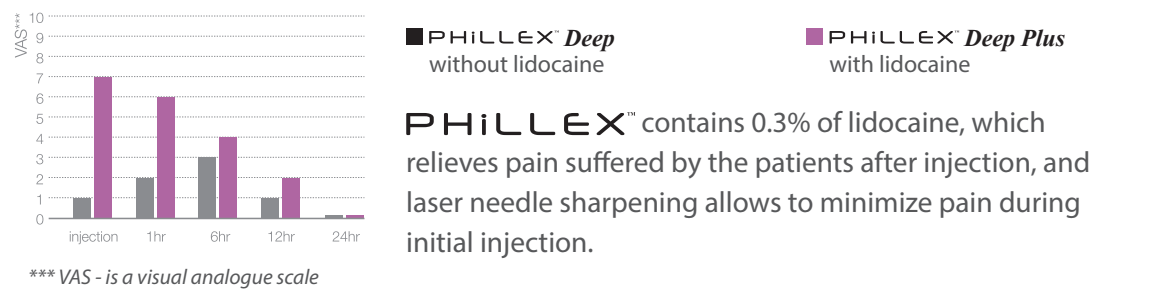


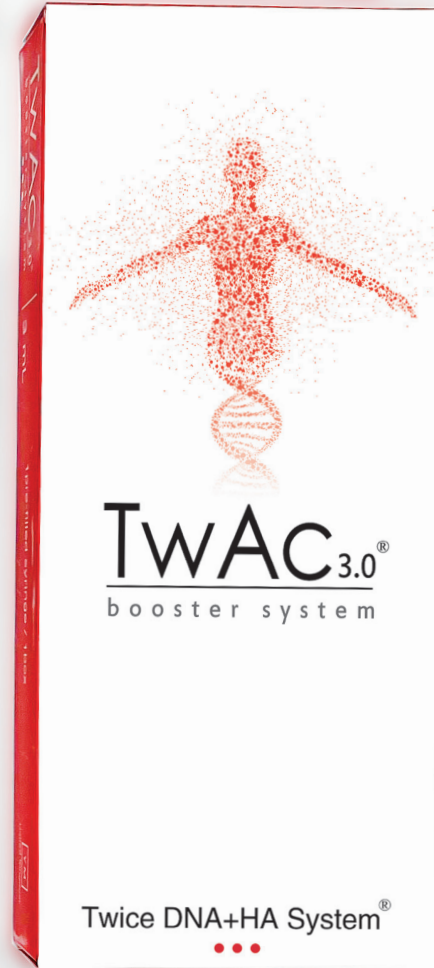
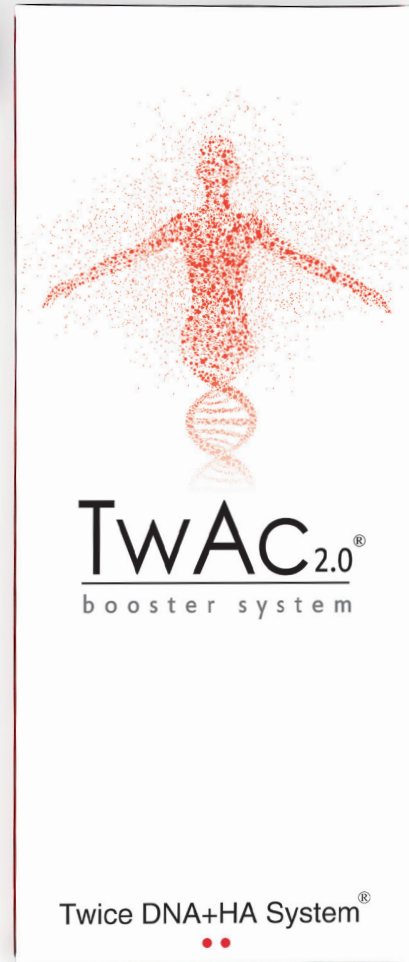
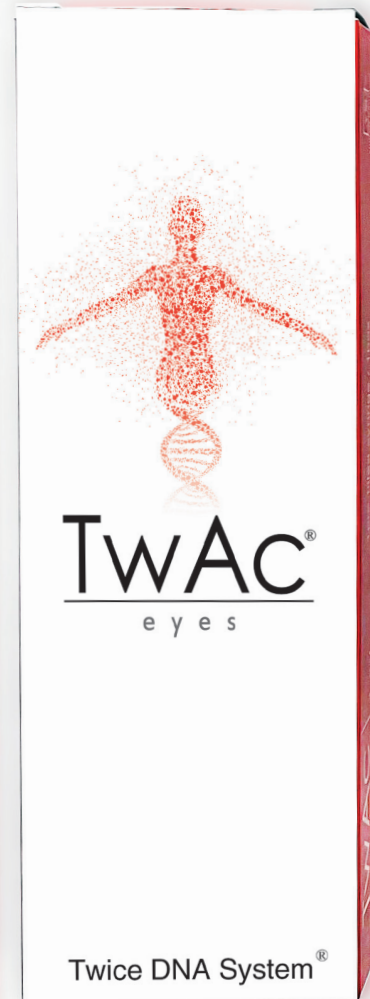
Features: 2. Extrusion force in medical products for contour correction



PHILLEX™ extrusion force allows easily and safely control injections throughout the entire procedure

Features: 3. Patient comfort level comparative chart





TwAc[®]

booster system

POLYNUCLEOTIDES have become a big sensation in the world of cosmetology. Polynucleotides are the “building blocks” that restore the skin from the inside. They increase the collagen production and are powerful stimulator of vascular growth factors.

TwAc[®] effect on skin

- stimulate reparation processes
- boost skin re-epithelization and scarring;
- granulation tissue formation in wound area
- increase metabolic activity of cells
- stimulate angiogenesis
- enhance moisturizing effect of hyaluronic acid
- reduce the level of proinflammatory cytokine TNF-α
- are highly effective free radical scavenger
- protect against UV radiation

TwAc[®] safety

- not toxic
- not genotoxic
- apyrogenic
- no sensitizing action

TwAc[®] effect

In vitro:

- synthesis of intracellular proteins and DNA increases 1.5-2.5 times

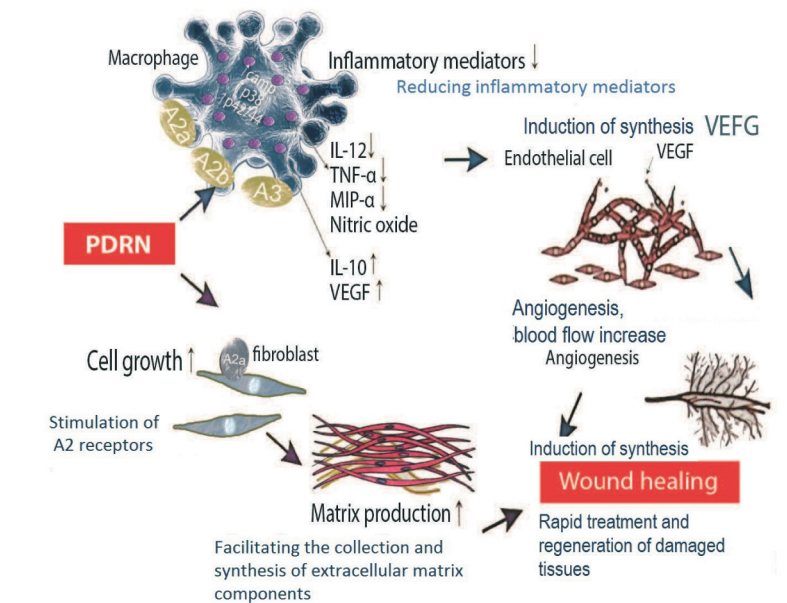
Preclinical results:

- angiogenesis
- collagenogenesis

Clinical results:

- increase of colorimetric characteristics of skin
- anti-inflammatory effects
- improve skin texture

TwAc[®] mechanism of action



- A2 receptor on fibroblast with G-linked protein (GPCR)
- Activated Gs alpha subunit links and activates enzymatic activity
- COL1A1 and COL1A2 gene expression (protein α1(I), 2α2(I), α1(I)3)

Product range

	<div><div>TwAc[®] eyes</div><div></div></div>	<div><div>TwAc[®] booster system 2.0</div><div></div></div>	<div><div>TwAc[®] booster system 3.0</div><div></div></div>
Composition	1 ml PDRN 10 mg/ml	3 ml PDRN 7.5 mg/ml HA 12 mg/ml	3 ml PDRN 20 mg/ml HA 20 mg/ml
Areas of injection	periorbital zone lower face	face hands	face hands
Morphotype of aging	tired deformative combined	muscular combined small-wrinkled	muscular combined small-wrinkled
Syringe volume	1.0 ml	3.0 ml	3.0 ml
Recommended needles	34 G	30 G	27 G
Storage	2-25 °C	2-25 °C	2-25 °C
Intensive/ standard course	7/10 day	20/30 days course 2 - 3 times/6 months	30/40 days course 2 - 3 times/6 months
BDDE	not detected	not detected	not detected
Dynamic viscosity [mPa.s]	not detected	~ 25000	~ 50000
Shelf life	24 months	24 months	24 months

Histopathological examination

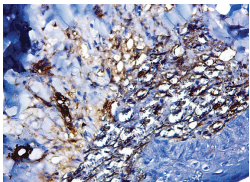
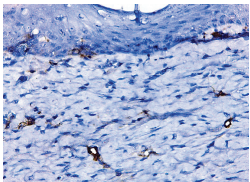
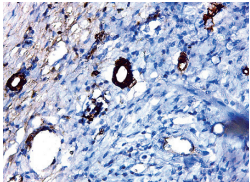
Hematoxylin and eosin stain
Degloving rat skin wound.

Immunochemical reaction with
antibodies to CD 34
7th day

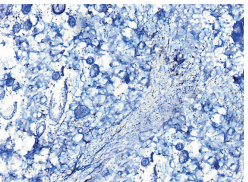
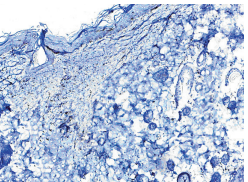
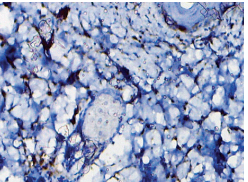
Immunochemical reaction with
antibodies to CD 34
14th day

Immunochemical reaction with
antibodies to CD 34
21st day

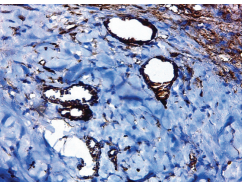
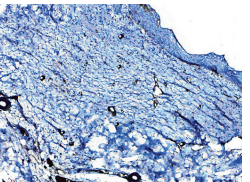
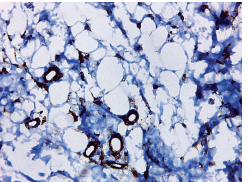
NaCl 0.9%



Control group



Polynucleotides



PDRN

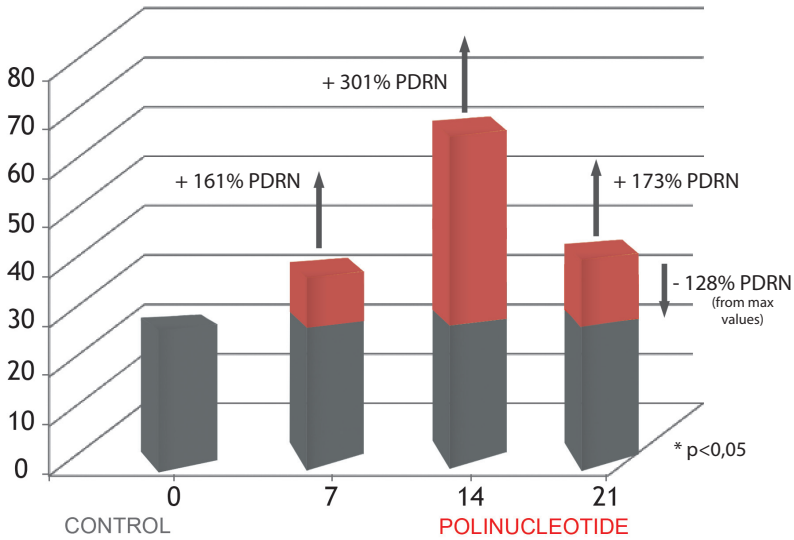
In the TwAc group,
the total number of
newly formed CD34-
positive vessels is
higher.

Animals of the TwAc
group have more
numerous vessels, and
more enlarged

Vascular density in the
TwAc group is higher
than in the experimen-
tal group.

*Trials have been conducted on the basis
of the Institute of the Shalimova A.A. NAMS*

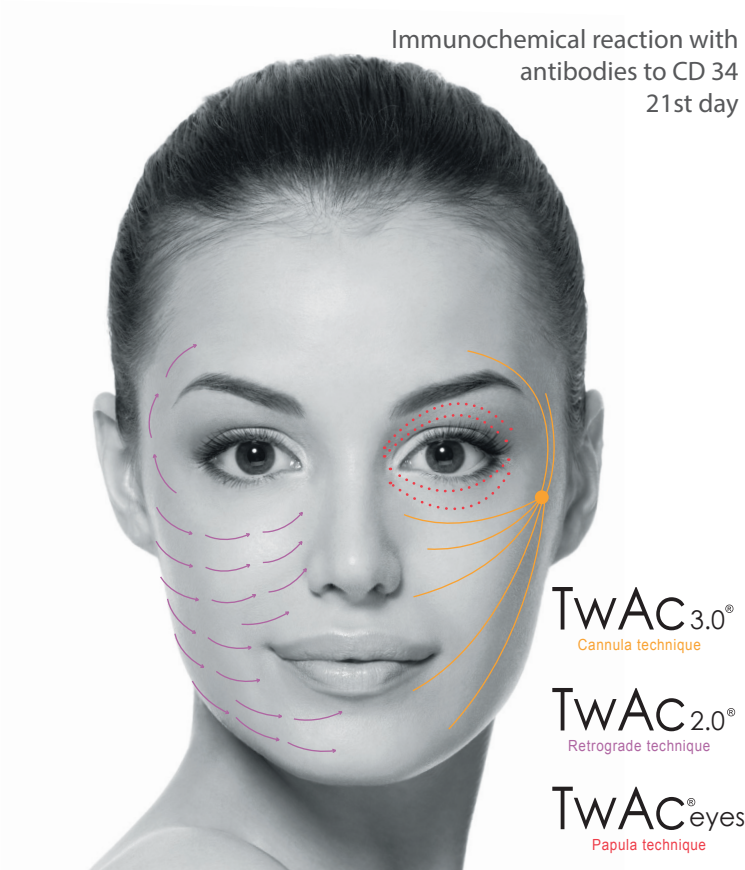
Increase in the number of vessels



Comparative dynamics
of vascular density (the
number of vessels per 1
mm2 of newly formed
connective tissue) in the
area of the wound
degloving for different
observation periods.

From day 21 till day 28,
the number of vessels
decreased to the level
of the control group.

Trials have been conducted on the basis of the Institute of the Shalimova A.A. NAMS





APPeex®

● *Peeling*

APPeex next generation exfoliant with regenerative properties. The composition of the drug includes a unique patented complex, consisting of three main components: TCA 20%, PDRN 5%, Cyanocobalamin

APPeex showed significantly higher clinical performance compared to other peels

APPeex in combination with other drugs makes it indispensable in the conditions of dermatological institutions

APPeex is used to treat involutational altered facial skin with a pronounced melanostatic effect

APPeex is intended for the treatment of atrophic scars and is highly effective due to the regenerative abilities of peeling and the presence of PDRN in the composition.

INDICATIONS:

- Alignment of the skin relief
- Lightening of the skin
- chloasma, milasma
- Atrophic and hypertrophic scars
- Skin texture improvement
- Acne treatment

CONTRAINDICATIONS: pregnancy, lactation period, rosacea manifestation, acute conditions of the body

DIRECTION: One ampoule – 6 ml (3 procedures)

Apply 1 ml on the skin of the face without rubbing, after 2 minutes apply another 1 ml, after the procedure apply the cream in double layer. The patient at home washes off the peeling after 6-8 hours. Avoid the eye contour and contact with the eyes.

Cream

APPeex cream – contains polydeoxyribonucleotide and moisturizing components, due to the soft texture and powerful enhancers, the degree of penetration is 97%. Recommended after any traumatic procedures, as well as home care.

EFFECTS: Regenerative, anti-inflammatory, brightening

DIRECTION: Apply 3 ml cream once a day in the evening after procedure with APPeex peeling. Rapid recovery and regeneration of the skin.

APPeex cream improves results after procedure with APPeex peeling.

III THREE-PHASE PEELING

I PHASE EXFOLIATION

- TCA stabilized acid easily interacts with proteins, causing the denaturation of these molecules. Exfoliation and rejuvenation

II PHASE INACTIVATION

- B12 – inactivates NO, reduces vasodilation. No bright redness after the procedure

III PHASE REGENERATION

- PDRN – regeneration and vascularization of the damaged outer cover, anti-inflammatory effect, as a result, rapid rehabilitation after the procedure

The result of the combination of active ingredients is the release of a huge number of signal molecules and cytokines, which cause changes in the functioning of the entire cellular community and activate the dermis. Binds free radicals, modulates gene expression, has strong regenerative and anti-inflammatory potential



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Dear partners,
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with great respect to U!
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Mr.Ahmad Qawasmi
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