

AQUASHINE^{BTX}



From the very beginning of its evolvement LABORATOIRES FIJIE FRANCE built a business-concept, based on the search for innovation in the field of aesthetic medicine.

Having accumulated clinical experience and scientific research base, scientists from Russia and CAREGEN R&D Center created AQUASHINE BTX, which is represented by the Laboratoires FIJIE worldwide.

Julia Mironova
President of Laboratoires Fijie France



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**NEW ANTI-AGE FORMULA:
Balance of Lifting and Relaxation**

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Next Generation Product

- ✓ Aquashine BTX is an innovative anti-age hyaluronic acid soft filler with biomimetic peptides.
- ✓ The high quality of hyaluronic acid and biomimetic peptides are safe with no-adverse effect and are biodegradable in the body.
- ✓ Aquashine BTX is ideal to correct moderate to severe facial wrinkles and folds and to restore the shape of the face.
- ✓ The product is an ideal solution for aged skin designed for face and tissue remodeling.



The pack consists of:	Benefits of Aquashine BTX:	How long does the result last for?
1 x 2ml syringe	Areas: Face, neck or decollete area Correct moderate to severe wrinkles and folds Restore the shape of the face Face and tissue remodeling	In general, results can last up to 12 months. The duration depends on the individual's lifestyle, age and skin type

The world aesthetic industry tends to satisfy a growing demand, basing on the gained experience and the latest R&D. A significant result of the joint efforts of chemists and cosmetologists is creation of Aquashine BTX. The product has been developed by scientists of scientific & research laboratory in order to offer a comprehensive solution in anti-age therapy. The speciality of the product is that it has the features of both reconstructive and relaxant agent.



MARYNA TAIEB (France)

Aesthetic Doctor, cosmetologist, Paris, France. 15-year experience of trainings for hyaluronic acid injections. Speaker in international congresses (IMCAS, AMWC, SFME)

AQUASHINE BTX is a completely new product in the practice of a doctor of aesthetic medicine. Due to specialized peptides it combines relaxing, rejuvenating and brightening effect. My patients notice a comprehensive aesthetic effect and they like it.



PIOTR RAK (Poland)

Specialist of General and oncological surgery, aesthetic medicine, WYSPA MEDYCYN PRZYJAZNEJ, Gdansk, Poland

AQUASHINE BTX — favourite mesotherapeutic among my patients!



TANJA FISCHER (Germany)

Medical Director of Haut & Laserzentrum Berlin-Potsdam, specialist in dermatology and venereology, Allergology, Diploma Aesthetic Laser Medicine (D. A. L. M.)

Aquashine BTX is a very useful product in my practice that allows to work with a wide range of age-related changes. It is universal for prescriptions for patients.



LINDA FOUQUE (France)

Dermatologist, cosmetologist, expert in anti-aging medicine Center for aesthetic medicine (Nice, France) member of the College of teaching Diplome interuniversitaire Paris V & Paris XII on evaluation and control of injection methods in dermatology and plastic surgery, Vice-President of the LED Academy, member of the research group on surgery and dermatology (GRCD), member of the laser group of the French society of dermatology

AQUASHINE BTX rejuvenates and refreshes skin, gives it radiance and removes pigmentation.



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Peptides

WHITENING

CG-TGP2

Completely non-toxic to fibroblasts and keratinocytes. It eliminates photodamage at the cellular level in dose-dependent manner, lightens dark spots, evens skin tone, it has an antioxidant effect. CG-TGP2 is the strongest inhibitor of tyrosinase activity compared to Arbutin and Vitamin C. CG-TGP2 decreased MITF, tyrosinase, TRP1 and TRP2 expression level. CG-TGP2 induced MITF and TRP1, TRP2 down-regulation may be through the ERK signaling pathway. Also it breaks the exocytosis of melanosomes. Oligopeptide-34 has an Anti-inflammatory effect. It stimulates proliferative and synthetic activity of fibroblasts. It increases levels of extracellular matrix proteins — collagen and fibronectin.

Oligopeptide-34

CG-Purilux

CG-Purilux is nontoxic for all kinds of skin cell lines. It provides rapid and prolonged depigmenting action by interrupting the binding of α -MSH receptor MC1R with melanin. It blocks tyrosinase activity. Corrects the effects of photodamage, hyperpigmentation, senile, prevents the formation of new age spots. It evens skin tone, since it facilitates even allocation of melanin in skin cells.

Oligopeptide-51

REJUVENATION

CG-Boostrine

Prevents the appearance of wrinkles by inhibiting the synthesis of hyaluronidase and deceleration of hyaluronic acid degradation. It reduces existing wrinkles by stimulating the synthesis of extracellular matrix components and renew the dermis cells.

Oligopeptide-72

CG-EDP3

Characterized maximal affinity for EGF receptor is confirmed using the Biacore assay system. It enables the production of native EGF fibroblasts. Restores rate of cell proliferation within the physiological limits of fibroblasts and keratinocytes, which reduces wrinkles and decreases scars. Also dose-dependently stimulates the synthesis of the main components of the dermal matrix like hyaluronic acid and elastin. It possesses strong intracellular antioxidant action that protects from ultraviolet radiation. It increases expression of SIRT, which indicates the stabilization and protection of DNA mutations. In the processes of wound healing increases the rate of migration of keratinocytes in the injured area, which significantly accelerates the re-epithelialization. It inhibits the production of pro-inflammatory cytokines, and increases anti-inflammatory effect. Increases the expression of Aquaporin-3 keratinocytes that clinically work on epidermis rehydration and adequate wound healing.

Oligopeptide-24

CG-Rejuline

Physiologically and dose-dependently stimulates maturation of progenitor precursor cell fibroblasts and keratinocytes, causing cell pool restored. Reduces and prevents lines and wrinkles by actively generating new skin cells. Involves in normal skin growth, healing and wound repair. Strengthens skin elasticity by inducing the synthesis of collagen and elastin as confirmed by ELISA test. It protects skin cells from stress-induced apoptosis.

Acetyl-Decapeptide-3

RELAXATION

CG-Noverin

Works locally and blocks in dose-dependent manner the neurotransmitter exocytosis in the neuromuscular junction, which leads to a weakening of fine mimic muscles. Restores proliferatory activity of skin cells. Increases the level of phosphorylation of ERK and p38, which increases cell survival under stress. Inhibits MMP 2, protecting the components of the MCM.

Decapeptide-29

CG-Liftin

Works locally and blocks in dose-dependent manner the neurotransmitter exocytosis in the neuromuscular junction, which leads to a weakening of fine mimic muscles. It prevents the appearance of wrinkles, reduces existing wrinkles by easing muscle tension. It restores the rate of fibroblast proliferation and synthesis of new collagen.

Oligopeptide-62

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FORMULATION OF THE PRODUCT HAS 4 MAIN AREAS OF FOCUS:

- MYORELAXATION
- REJUVENATION
- MELANOREGULATION
- HYDRATION

MAIN APPLICATIONS OF AQUASHINE BTX:

Anti-aging therapy and prevention of involuntal changes in the skin:

- deep restructure of the skin
- fine wrinkles
- periorbital wrinkles
- perioral wrinkles
- forehead wrinkles

Lightening and prevention of hyperpigmentation

Botulinum toxin therapy support

Post-acne and other scars on the skin:

- Atrophic postacne scars
- Postoperative scars
- Preparation to dermabrasion and potentiation of the effect



EC CERTIFICATE
№2019-MDD/QS-034

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1 x 2ml syringe

Number of sessions: 3

Interval: 14 days

Injection technique:
needle, micro papule

Treatment areas:
face, neck

before >>



after >>



before >>



after >>



before >>



after >>



before >>



after >>



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before >>



after >>



before >>



after >>



before >>



after >>



before >>



after >>



before >>

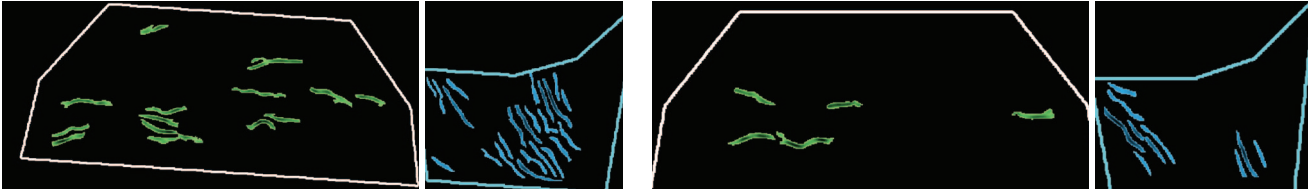


after >>



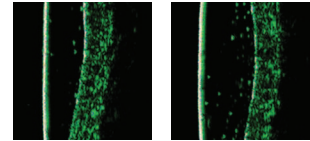
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FUNCTIONAL LEVEL:



According to the results of microprofilometry on the machine Loma sphere there is a marked decrease in the number of wrinkles in periorbital and frontal areas

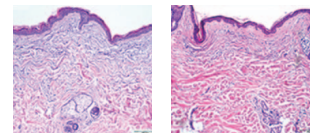
In an open label clinical functional study, the activity of the orbicularis oculi muscle was shown to decrease significantly after the triple treatment with AQUASHINE BTX.



The comparative analysis of skin ultrasound results before and after the triple treatment with AQUASHINE BTX confirmed a marked increase in thickness and density of the dermis and epidermis.

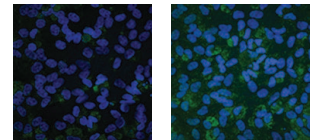
MORPHOLOGICAL LEVEL:

In histological examination it was found that the triple treatment with AQUASHINE BTX causes an increase in the amount of normal fibroblasts as compared with the untreated skin in the case of age-related skin atrophy. Besides, the thickness and density of the dermis and epidermis are increased.



MOLECULAR AND CELL LEVEL:

A comparative immunohistochemical study of human skin cells culture showed a significant increase in type 1 procollagen markers in the skin cells treated with AQUASHINE BTX (an increase in expression by almost 4 times, from 2.14% to 8.01%)



RELAXED (MB)

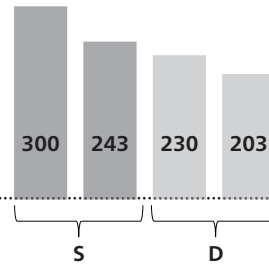
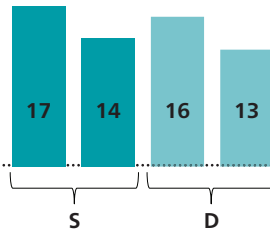
BEFORE TREATMENT

4 WEEKS AFTER

TENSED (MB)

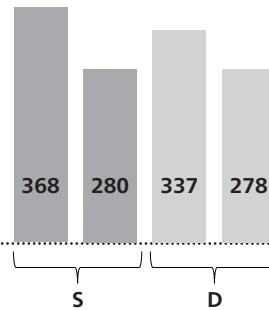
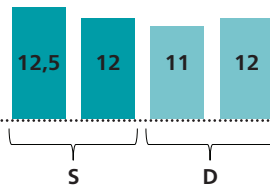
BEFORE TREATMENT

4 WEEKS AFTER



After 4 weeks orbicularis oculi muscle activity when relaxed has reduced and upon criterion of muscle tension reduction the tendency is continuing.

ORBICULARIS OCULI MUSCLE



After 4 weeks orbicularis oris muscle activity when relaxed hasn't changed and muscle tension activity is reducing.

ORBICULARIS ORIS MUSCLE

Coherent step-by-step remodeling soft tissues of the facial part of the skull with the use of AQUASHINE BTX

FOUR STEPS OF HARMONIZATION

1 STEP

Dermal injections
2 cc Aquashine BTX
Needle 30-32G 4 mm
0,05 cc per injection

2 STEP

Face muscles Remodeling
Intradermal injections
2 cc Aquashine BTX
Needle 30-31G 6-13 mm
0,05-0,1 cc per injection

3 STEP

Ligament reposition
2 cc Aquashine BTX
Needle 30-31G 13 mm
0,1-0,2 cc per injection

4 STEP

Vector Lifting
2 cc Aquashine BTX
Cannula 25G 50mm

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DIFFERENT METHOD COMBINATION

- + Botulinum Toxin Injections
- + Dermal Fillers Injections
- + Dermabrasion
- + Chemical peels
- + Laser resurfacing
- + Photorejuvenation
- + Plasma Therapy
- + Tread Lifting
- + Plastic Surgery Recovery
- + Preparation for plastic surgery — skin tension-reduction, an increase in skin tissue hydration level and more successful after surgical recovery period.

INDICATIONS

- Skin aging
- Skin photoaging и photodamage
- Stressed skin и smoker's skin
- Dehydrated skin
- Hyperpigmentation
- Couperosis
- Rosacea
- Scarred tissue
- Stretch marks
- Skin preparation for machine\laser cosmetology treatments and plastic surgery (prevention of operation complications, results optimization)
- Skin after plastic surgery (recovery time reduction)

METHODS OF PRODUCT USE:

Pharmacodynamic properties of AQUASHINE BTX enable using the product in a variety of injection techniques:

- ✓ **MICRONEEDLING EPIDERMAL INJECTIONS.** *Micro-Papular Technique, needle depth is 1 mm*
- ✓ **LINEAR RETROGRADE.** *Injections needle depth is 1.5-2 mm*
- ✓ **MICROINJECTIONS.** *Micro bolus, needle depth is 3-4 mm*
- ✓ **CANNULA TECHNIQUE.** *At the depth of sub-cutaneous tissue along arbitrary directions*

CONSTRAINTS

- ! Pregnancy
- ! Lactation period
- ! Skin infection
- ! Oncological diseases
- ! Component intolerance

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1 STEP

2 cc Aquashine BTX
Needle 30-32g 4 mm
Dermal injections

- SKIN RESTORATION
- HYDRATION
- REGENERATION



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2 STEP ●

(Underskin injections)

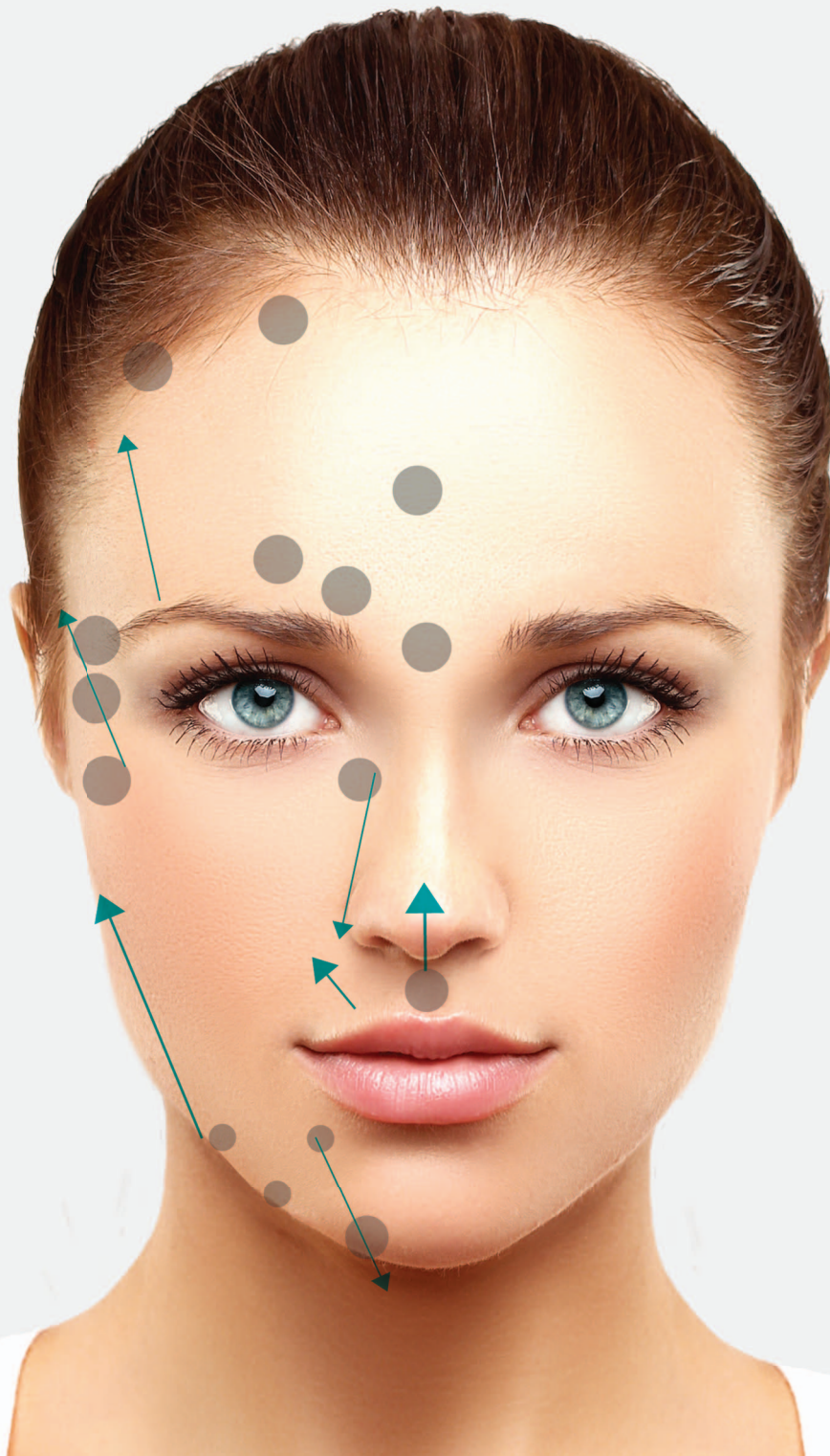
Full face injection

2 cc Aquashine BTX

Needle 30-31g 6-13 mm

0,05-0,1 cc Per injection

- FACE MUSCLES
- REMODELING



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3 STEP ●

Full face
Needle 30-31g 13 mm
Periostal
2 cc Aquashine BTX
0,1-0,2 cc Per injection

- REPOSITION
- RESTORATION



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4 STEP

Vector Lifting
2-4 cc
Aquashine BTX
Cannula 25g 50 mm

- RESTORATION AND REGENERATION OF UNDERSKIN FAT AND COLLAGEN SEPTS

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