

TECHNICAL PROTOCOL

LINE CORRECTION [BTX-HA]
HI-PERFORMANCE LINE REDUCER



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In a society, where looking young is at the heart of our aesthetic concerns, anti-wrinkle treatments are very popular. Indeed, wrinkles are the first visible signs of skin aging and can appear early sometimes. This explains the high demand for medical-aesthetic injections (botulinum toxin, hyaluronic acid or meso-therapy micro-injections). They meet a need of modern women who want to find quick solutions of their facial lines and wrinkles over time.



Our research departments have developed an alternative, complementary solution to medical-aesthetic injections by offering an innovative combination of high-tech active ingredients with rapid action on facial wrinkles: LINE CORRECTION.

This innovative association offers a complete approach to reduce and prevent wrinkles thanks to:

- A global pre- and post-synaptic action acting on the neurotransmitters responsible for wrinkle contraction.
- An anti-free radical action to help slow down the aging of skin tissue.
- An action potentiated by the combined action of 2 complementary hyaluronic acids to fill fine lines and wrinkles.

LINE CORRECTION has a selection of synergistic dermo-cosmetic active ingredients for a high-performance anti-wrinkle treatment.



EXPRESSION LINES AND TENSION LINES

Over time, wrinkles, lines, folds or furrows begin to appear, due in part to the loss of fibres and the poor extracellular matrix.

SKIN MICRORELIEF



This is explained by several phenomena:

- Modification of the skin's microrelief,
- Alteration of elastin and collagen in the dermis,
- Reduction of the subcutaneous fatty layer,
- The slowdown in epidermal turnover: 28 days at 20 years old, almost 2 months at 50.

Muscle tone is also very important in dynamic lines or expression lines. The skin's muscles, following the orientation of the fibres, establish lines of force which indicate the direction of skin sliding.

EXPRESSION LINES AND DYNAMIC LINES

- Lines at the outer corner of the orbicularis oculi, called "crow's feet" (which become more pronounced when we laugh),
- Horizontal forehead wrinkles,
- The vertical wrinkles or frown lines which form the folds of the glabella (space between the eyebrows). They make the face look sad and worried.
- Circumoral wrinkles (located around the mouth) or perioral,
- Lines marked with a "fixed grin" (which becomes more pronounced when speaking).

They are linked to the 15,000 daily contractions that the facial features undergo. Indeed, about fifty small subcutaneous muscles in the face contract and then relax incessantly in lines with our emotions. As the skin loses elasticity over the years, these folds end up leaving their mark on the skin tissues.

AGING LINES OR GRAVITATION LINES

From the age of 40, the signs of aging appear more intensely: bone and muscle atrophy, a reduction in the fatty layer (which moves and accumulates in the lower part of the face), deep dehydration, dermal sclerosis ... The skin relaxes, loses its usual constitution and sags. These lines are more marked near the bony prominences (eye contour, cheekbone, jaw) and on the lower and upper eyelids, with the formation of puffy eyes and fat deposits. They result from sagging skin associated with age and the cumulative effects of external aging factors such as the sun, pollution, etc.

These phenonemons provoke the formation of:

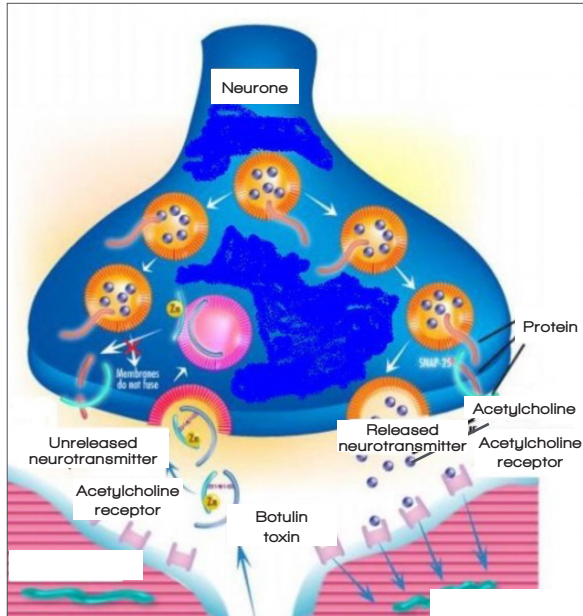
- Marionette wrinkles: from the corners of the mouth to the chin
- The wrinkles of the nasolabial fold, from the wings of the nose to the corners of the mouth
- Perioral wrinkles, around the lips.
- Neck wrinkles: horizontal "cords" or vertical folds.
- Wrinkles of the neckline.

The ever-increasing demand for non-invasive alternative solutions in the treatment of different types of wrinkles has guided the research departments of Ericson Laboratoire to develop an innovative, effective treatment.

LINE CORRECTION targets the release of skin micro-tensions to relax features without freezing facial expressions, as well as filling in wrinkles for quick and long-lasting results.

SYNAPEPTIDE, AN ALTERNATIVE TO BOTULINUM TOXIN

Botulinum toxin, produced by the *Clostridium Botulinum* bacterium, is responsible for botulism, a disease that causes paralysis of the muscles. Injecting Botulinum toxin into the facial muscles causes a greater or lesser degree of temporary paralysis, depending on the dose administered. Botulinum toxin blocks the release of a neurotransmitter allowing nerve impulses to pass from nerves to muscle fibres, causing muscles contraction.



The passage of the nerve impulse is from the nerve cell to the muscle cell. The nerve impulse, in the form of acetylcholine, is taken over by vesicles. They facilitate the transmission of the message (acetylcholine) by specific receptors located onto the nerve cell membrane.

Acetylcholine molecules are thus found in the synaptic space, that is, between the nerve cell and the muscle cell. They can then attach to muscle receptors located in the sarcolemma (membrane of the muscle cell), thus ensuring the diffusion of sodium ions leading to the contraction of the muscle fibre.

To allow the release of the neurotransmitter acetylcholine from the nerve cell into the synaptic space, there is very specific molecular machinery that operates between the membrane of the vesicle containing acetylcholine and the membrane of the nerve cell, this is, the SNARE complex, a combination of different specific biological molecules including SNAP-25 and MUNC 18.

SNAP-25 and the MUNC 18 molecule form an essential complex for the storage, transport, and release of neurotransmitters. Their association thus allows the passage of messages from the nerve cell to the muscle cell. This process can be compared to a hook which captures the synaptic vesicles and allows their diffusion inside the cell membrane to make the release of the neurotransmitter possible.

Effectively, the muscles contract when they receive the neurotransmitter contained in a synaptic vesicle, which has been released into the intercellular space to reach receptors in muscle cells.

SYNAPEPTIDE, due to its structure, has the ability to position itself on the receptors of the muscle cell POST-SYNAPTIC to limit ionic exchanges with sodium, potassium and calcium, which are essential for muscle contraction.

The synaptic vesicle cannot effectively release the neurotransmitters it contains and therefore muscle contraction is reduced, preventing the formation of fine lines and wrinkles.

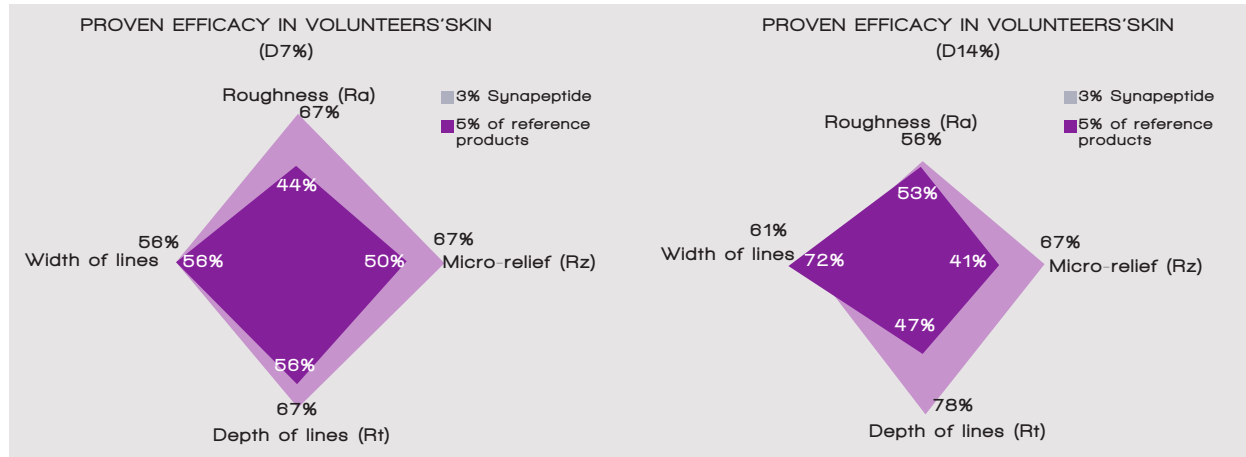
By limiting muscle contraction, SYNAPEPTIDE causes relaxation of the micro-tensions responsible for the formation of wrinkles. It is therefore a key element in reducing the depth of wrinkles caused by this contraction of the facial expression muscles.



SYNAPEPTIDE, IN VIVO TESTS

SYNAPEPTIDE targets the limitation of wrinkle depth reduction mechanisms with pre- and post-synaptic action to weaken muscle contraction: the solution against expression lines and chronological wrinkles.

Carried out with volunteers aged 35 to 55: twice-daily application on the half-face of a cream containing 3% SYNAPEPTIDE. The results were verified after 7 days and 14 days of application.

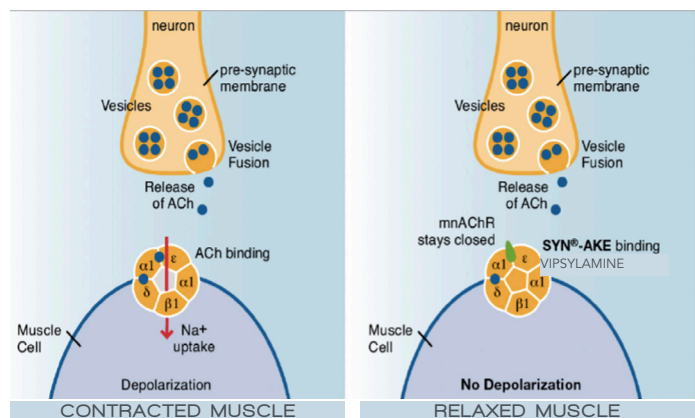


By targeting the same wrinkle-forming mechanism and in total safety, SYNAPEPTIDE becomes an alternative to botulinum toxin or, as needed, a solution for prolonging the effects of medico-aesthetic injections.

VIPSYLAMINE

VIPSYLAMINE is a low molecular weight peptide that smooths expression lines. It mimics the activity of Waglerin-1, a natural peptide found in the venom of the temple viper (*Tropidolaemus Wagleri*). The Waglerin-1 molecule has a strong ability to relax muscle contraction. VIPSYLAMINE is based on a patented mechanism and mimics the sequence of amino acids involved in the Waglerin-1 functionality.

The safety and activity of VIPSYLAMINE have been thoroughly tested. Its effect focuses on an immediate and lasting relaxation of wrinkles by blocking neuronal transmission on the acetylcholine receptor. As the muscular acetylcholine receptors are blocked, the ion channels remain closed. There is no absorption of sodium and the muscle cells, not receiving any stimulation, remain relaxed. The transmission of nerve impulses to the muscles is inhibited and the facial muscles are relaxed.



VIPSYLAMINE binds to muscle acetylcholine receptors and thus limits its absorption by muscle cells: the muscle can relax.

VIPSYLAMINE has a particularly effective anti-aging effect against expression lines and:

- Allows visible smoothing of deep wrinkles after just one month of application.
- Helps the face relax without losing the ability to express emotions and without freezing its expressions.

Thanks to its powerful post-synaptic action, VIPSYLAMINE reinforces the benefits of SYNAPEPTIDE for an effective synergy in reducing the length and depth of wrinkles with an immediate and long-lasting duration.

HYALUFILL, THE 4TH GENERATION OF FILLING SPHERES

In cosmetics, hyaluronic acid exists under different molecular weights:

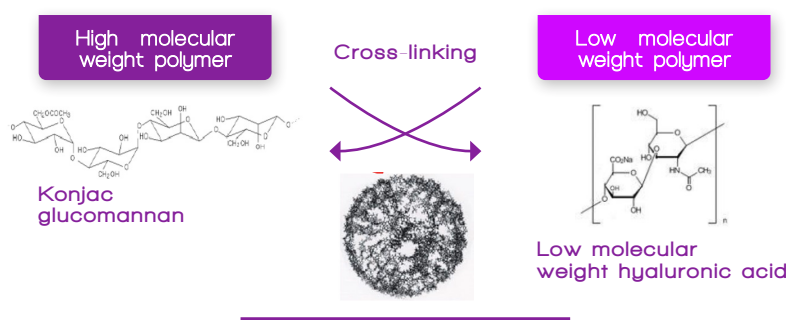
High molecular weight: allows the formation of a network on the skin surface which retains water and so prevents skin dehydration. It acts like a "molecular sponge". It allows absorption in the epidermal layers by forming a flexible film, with a non occlusive effect, and so can restore the skin's elastic properties. It smooths its surface, ensuring an immediate filling and smoothing effect.

Low molecular weight: it reaches the deep skin layers where it retains water. It also stimulates cellular activity (via growth factors and metalloproteinases) and so redensifies the extracellular matrix for an anti-aging effect. Under its influence, fibroblasts produce more collagen, elastin and hyaluronic acid.

HYALUFILL's technology is based on the ability of reticulated and dehydrated spheres to penetrate the upper layers of the epidermis and capture water that evaporates from the deep dermis. Thanks to their hygroscopic properties, the volume of the spheres increases rapidly. Plumped up, they thus tighten the skin for a smoothed skin surface and maintained hydration.

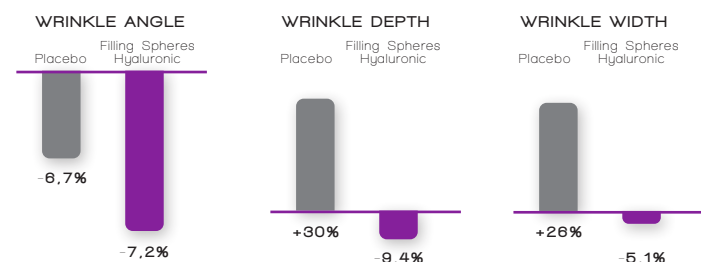
HYALUFILL represents the latest generation of filling-in spheres. It consists of low molecular weight hyaluronic acid and glucomannan, high molecular weight polysaccharide. Their reticulation makes it possible to form spheres resulting from two bio-polymers that a dehydration stage transforms into 4th generation filler spheres.

FILLING SPHERES TECHNOLOGY



The results prove that HYALUFILL, thanks to its specific composition in hyaluronic acid and glucomannan, has water absorption and plumping capacities very clearly superior to previous versions of filling-in spheres, improving their effectiveness in filling in superficial wrinkles as well as deep ones, and smoothing the skin.

TEST IN VIVO

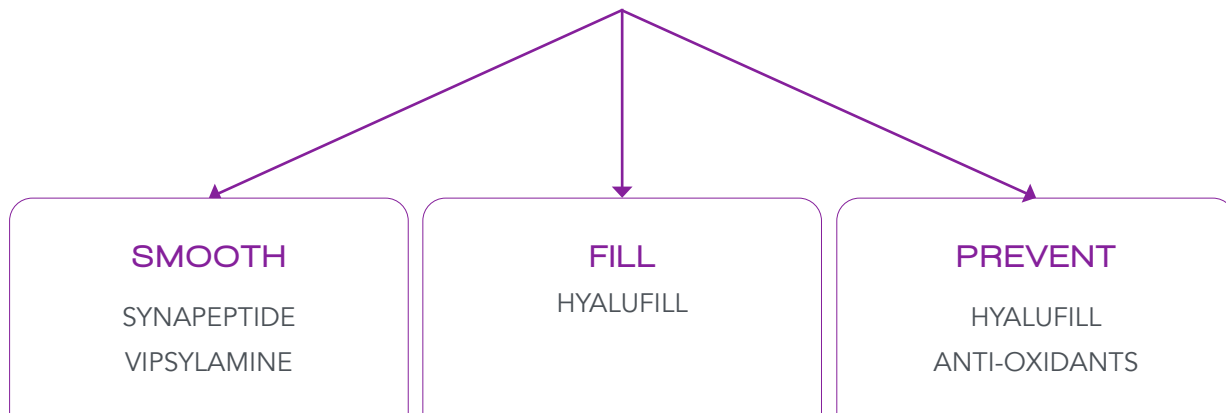


Dehydration and loss of skin firmness are signs of aging that lead to wrinkle formation and sagging skin. HYALUFILL helps maintain the skin's firmness by stimulating cell cohesion and collagen synthesis.

Wrinkles are filled in, the skin is gradually redensified, and it regains its tone, suppleness and firmness.

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Synergy of active ingredients to:

- Relax the features and restore the skin to a smoother appearance
- Restore a softer expression to the face
- Allow the skin to be more resistant to cutaneous aging processes

In complex cases such as the treatment of aging skin, it's important to draw up a short- and medium-term treatment plan, depending on skin needs.

For this, the beauty therapist must base an approach on the skin's epidermis and dermis changes to establish a personalized treatment according to the priorities.



It should always be remembered that the skin is an entity that interacts in connection with many physiological parameters. So, it's important to design the various steps required to personalize the customer's cure treatment to achieve the result.

PHOTO-VIBRATION SMOOTHER



The use of the photo-vibration smoother is recommended during LINE CORRECTION professional treatment, to optimize the work of reducing and preventing expression and tension wrinkles.

This concept, combining these three innovative technologies, provides decongestant, anti-wrinkle, skin elasticity stimulating actions.

- The heat, between 37°C and 45°C, stimulates lymphatic and blood circulation, promotes the supply of nutrients and elimination of toxins, while promoting the rapid, targeted absorption of active ingredients.
- The red LED light improves cellular activity and promotes regeneration of skin support fibres.
- High-frequency vibration massage: 10 000 times per minute stimulates cellular metabolism and accelerates the absorption of nutrients.

MICRO-NEEDLING ROLLER



The Micro-needling roller is an instrument with different interchangeable heads with a number and length of needles adapted to the treated area. The Micro-Needling Roller is made of high-quality stainless steel micro-needles. This technical, complete instrument stimulates the synthesis of collagen and allows optimal absorption of creams, gels and oils.

Composition of the Micro-Needle Roller 3-in-1 kit:

- Sleeve
- Roller head 300 needles / 0.5mm: recommended for the eye and lip area,
- Roller head 720 needles / 1mm: recommended for cheeks, forehead and neck,
- Roller head 1200 needles / 1.5 mm: recommended for the neckline,
- Disinfection cup.

The use of the 2 complementary tools from the LINE CORRECTION range - the photo-vibration smoother and the micro-needling roller - when performing professional treatment is an essential tool also aimed at facilitating muscle relaxation and increasing the speed of the skin's response in reducing the depth of wrinkles. All these elements have been brought together to act in synergy with the targeted active ingredients and obtain rapid, visible results, satisfying an increasingly demanding clientele.

HOME SKINCARE PRODUCTS RANGE



E182	[HA] ² SMOOTHING CONCENTRATE	30 ml
E185	[BTX] LINE-REPAIR PLUMPING CREAM	50 ml
E186	[BTX] LIFT FIRMING CREAM	50 ml
E183	[BTX] PRO-DENSITY CREAM-MASK	50 ml
E184	[HA] PERFECTING FILLER	20 ml

PROFESSIONAL SKINCARE PRODUCTS RANGE



E174	KIT 4 SESSIONS:	
E175	[HA] ² SMOOTHING CONCENTRATE	8 ml x 4
E176	MARKED SYRINGE	x 4
E177	[BTX] PRO-DENSITY CREAM-MASK	50 ml x 1
E178	EXPERT SMOOTHING POWDER MASK	25 g x 4
E179	BOOSTER GEL	100 ml x 4
E180	[BTX] LINE-REPAIR PLUMPING CREAM	2 ml x 4
E181	[HA] PERFECTING FILLER	15 ml x 1



LINE CORRECTION [BTX-HA] SKIN CARE LINE





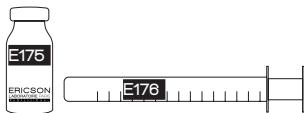







PRODUCTS	FUNCTIONS	ACTIVE INGREDIENTS & ACTIONS
<p>[HA]² SMOOTHING CONCENTRATE</p> <p>RETAIL: 30ml bottle Ref. E182.</p> <p>PROFESSIONAL USE: bottle 8ml x 4 Ref. E175 + 4 marked syringes in professional 4-session kit Ref. E174.</p>	<ul style="list-style-type: none"> • High concentration hyaluronic acid serum. • Complex combining peptides, with filler-effect ingredients for visibly smoothed skin micro-relief. • Wrinkles and fine lines appear less visible, day after day <p><u>Directions for use:</u> Apply prior to the day and/or night cream on perfectly cleansed skin.</p>	<ul style="list-style-type: none"> • SYNAPEPTIDE: promotes the filling of all types of wrinkles • VIPSYLAMINE: promotes immediate and long-lasting smoothing effect on facial wrinkles • OSILIFT BIO: immediate lifting effect • RENOVHYAL: low molecular weight hyaluronic acid. Hygroscopic and hydrating • CRYSTALHYAL: high molecular weight hyaluronic acid. Immediate filling effect • DAMASCENA ROSE BIODISTILLATE: regenerating and anti-radical • RHODIOLA: energizing, promotes resistance to oxidative stress.
<p>[BTX] PRO-DENSITY CREAM-MASK</p> <p>RETAIL: 50ml jar Ref. E183.</p> <p>PROFESSIONAL USE: 50ml tube Ref. E177 in professional kit 4 sessions Ref. E174.</p>	<ul style="list-style-type: none"> • Rich and melting texture for a re-densifying effect. • Combining skin-relaxing peptides, with filler-effect ingredients for visibly smoothed skin micro-relief. • Contributes to revitalize the skin and minimize fine lines and wrinkles, day after day. <p><u>Directions for use:</u> Apply as a day and/or night cream, either by itself or after the recommended serum. Can also be used as a mask when applied with a thick layer on clean and dry skin. Leave on for 10 to 20 minutes before removing excess with a tissue.</p>	<ul style="list-style-type: none"> • SYNAPEPTIDE: promotes the filling of all types of wrinkles • VIPSYLAMINE: promotes immediate and long-lasting smoothing effect on facial wrinkles • HYALUFILL: 4th generation of hyaluronic acid, smoothes and fills wrinkles. Anti-oxidant. • INCA INCHI EXTRACT: rich in repairing EFA and antioxidant property • BORAGE OIL: revitalizing and protective • SHEA BUTTER: moisturizes, softens and protects • SILICA: soft-focus effect
<p>[BTX] LINE-REPAIR PLUMPING CREAM</p> <p>RETAIL: 50ml jar Ref. E185.</p> <p>PROFESSIONAL USE: sachet 2ml x 4 Ref. E180 in professional 4-session kit Ref. E174.</p>	<ul style="list-style-type: none"> • Enveloping texture for an immediate feeling of comfort. • Combining skin-relaxing peptides, with filler-effect ingredients for visibly smoothed skin micro-relief. • Helps to re-plump the skin and reduce fine lines and wrinkles day after day. <p><u>Directions for use:</u> Apply as a day and/or night cream, either by itself or after the recommended serum.</p>	<ul style="list-style-type: none"> • SYNAPEPTIDE: promotes the filling of all types of wrinkles • VIPSYLAMINE: promotes immediate and long-lasting smoothing effect on facial wrinkles • HYALUFILL: 4th generation of hyaluronic acid, smoothes and fills wrinkles. Antioxidant. • CRANBERRY EXTRACT: antioxidant and protective property • HIBISCUS EXTRACT: antioxidant and protective property • SHEA BUTTER: moisturizes, softens, and protects • COCOA BUTTER: nourishing and repairing properties • RONAFLAIR LDP WHITE: soft focus
<p>[HA] PERFECTING FILLER</p> <p>RETAIL: 20ml tube Ref. E184.</p> <p>PROFESSIONAL USE: 15ml tube Ref. E181 in professional 4-session kit Ref. E174.</p>	<ul style="list-style-type: none"> • Concentrated in plumping hyaluronic acid spheres. Instant smoothing. Soft focus effect. • Recommended for marked wrinkles. <p><u>Directions for use:</u> Lightly pat a small amount of product onto the targeted zones after application of the day cream. Can be used for touch-ups over make-up.</p>	<ul style="list-style-type: none"> • SYNAPEPTIDE: promotes the filling of all types of wrinkles • VIPSYLAMINE: promotes immediate and long-lasting smoothing effect on facial wrinkles • HYALUFILL: 4th generation of hyaluronic acid, smoothes and fills wrinkles. Antioxidant. • RONAFLAIR LDP WHITE: soft focus
<p>[BTX] LIFT FIRMING CREAM</p> <p>RETAIL: 50ml jar Ref. E186.</p> <p>PROFESSIONAL USE: not available.</p>	<ul style="list-style-type: none"> • Shaping texture with tensing biopolymers for an immediate anti-wrinkle effect. • Combining skin-relaxing peptides, with fillers-effect ingredients for visibly smoothed skin micro-relief. • Helps to tone the skin and minimize fine lines and wrinkles day after day. <p><u>Directions for use:</u> Apply as a day and/or night cream, either by itself or after the recommended serum.</p>	<ul style="list-style-type: none"> • SYNAPEPTIDE: promotes the filling of all types of wrinkles • VIPSYLAMINE: promotes immediate and long-lasting smoothing effect on facial wrinkles • OSILIFT BIO: immediate lifting effect • ORGANIC PRICKLY PEAR EXTRACT: rich in regenerating omegas • EVENING PRIMROSE OIL: revitalizing, anti-aging • COCOA BUTTER: nourishing and repairing • RONAFLAIR LDP WHITE: soft focus

LINE CORRECTION [BTX-HA] SKIN CARE LINE









PRODUCTS	FUNCTIONS	ACTIVE INGREDIENTS & ACTIONS
<p>EXPERT SMOOTHING POWDER MASK</p> <p>RETAIL: not available.</p> <p>PROFESSIONAL USE: 25g sachet x 4 Ref. E178 in a professional 4-session kit Ref. E174.</p>	<ul style="list-style-type: none">• Alginate-based mask, promotes absorption of active ingredients.• Remineralizing and hydrating properties. <p><u>Directions for use:</u> Mix in a bowl 1 sachet of EXPERT SMOOTHING POWDER MASK with 1 sachet of BOOSTER GEL E179. Refer to professional protocol.</p>	<ul style="list-style-type: none">• GLUCOSE: hydrating, hygroscopic• DIATOMACEOUS EARTH: remineralizing• CALCIUM SULFATE: facilitates skin absorption
<p>BOOSTER GEL</p> <p>RETAIL: not available.</p> <p>PROFESSIONAL USE: 100ml sachet x 4 Ref. E179 in a professional 4-session kit Ref. E174.</p>	<ul style="list-style-type: none">• Due to its complementary action with EXPERT SMOOTHING POWDER MASK, the BOOSTER GEL has an effect on smoothing expression and tension wrinkles as well as an excellent revitalizing effect. <p><u>Directions for use:</u> Mix in a bowl 1 sachet of EXPERT SMOOTHING POWDER MASK E178 with 1 sachet of BOOSTER GEL. Refer to professional protocol.</p>	<ul style="list-style-type: none">• ALGINATE: soothing, softening• GLYCERIN: hydrating, soothing

LINE CORRECTION [BTX-HA] PROFESSIONAL PROTOCOL

The different types of wrinkles require complementary approaches. LINE CORRECTION was developed as an alternative solution to medical-aesthetic injections. The formulas are concentrated in bio-mimetic, anti-oxidant active ingredients simultaneously targeting dynamic and static wrinkles, and those linked to oxidative stress.

SMOOTH		FILL		PREVENT	
4-SESSION TREATMENT					
TREATMENT FREQUENCY: ONCE A WEEK					
1		MAKE-UP REMOVAL – CLEANSING STEP According to skin needs, select the cleansing milk and lotion or SEBO-SAVON E151. Emulsify, then rinse with water. Follow with the corresponding lotion.	 6 min.		
2		EXFOLIATION STEP According to skin needs, select one of the 3 scrubs: PERFECT SURFACER E144 - DERMA GUM E145 or CLINICAL PEELING E146 – Exfoliate gently and then rinse with water. Follow with the corresponding lotion.	 6 min.		
3		1ST SERUM APPLICATION Using the marked syringe, collect 4 ml of INTENSE SMOOTHING CONCENTRATE [HA] ² E175, and apply to each line of the face and neck.	 3 min.		
4		PREMEDIKL PHOTO-VIBRATION SMOOTHER Proceed to skin fiber's relaxation with the PHOTO-VIBRATION SMOOTHER E334, starting from the neck and moving up gently, in light horizontal movements, towards the forehead.	 10 min		
5		2ND SERUM APPLICATION Using the marked syringe, collect the remaining 4-ml of INTENSE SMOOTHING CONCENTRATE [HA] ² E175. and apply to each line of the face and neck.	 3 min.		
6		PREMEDIKL MICRO-NEEDLING ROLLER Proceed to skin fiber's stimulation with the PREMEDIKL MICRO-NEEDLING ROLLER E338, starting from the neck and moving up gently, in light horizontal movements, towards the forehead.	 10 min		
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LINE CORRECTION [BTX-HA] PROFESSIONAL PROTOCOL

7		<p>MASSAGE</p> <p>Apply the PRO-DENSITY CREAM-MASK [BTX] E177 and proceed to a relaxing massage.</p>	 12 min.
8		<p>MASQUE</p> <ol style="list-style-type: none">1. In a bowl, mix with a spatula one sachet of EXPERT SMOOTHING POWDER MASK E178 with one sachet of BOOSTER GEL E179.2. Apply the mask all over the face and neck.3. Apply 2 cotton pads soaked in BIOPTIC SOOTHING LOTION E234 on the eyes.4. Leave on for 20 minutes. Gently remove the mask.5. Cleanse the entire face and neck with damp sponges, follow with the corresponding lotion.	 20 min.
9		<p>CREAM APPLICATION</p> <p>Apply LINE-REPAIR PUMPLING CREAM [BTX] E180 over the entire face and neck in a light massage.</p>	 2 min.
10		<p>APPLICATION FILLER</p> <p>Lightly pad a few dots of PERFECTING FILLER [HA] E181 on deep wrinkles. Smooth it to fill each wrinkle.</p>	 3 min.

4-SESSION TREATMENT

TREATMENT LENGHT: 75 MINUTES

TREATMENT FREQUENCY: ONCE A WEEK