



## NCTF 135 and NCTF 135 HA

An Anti-Ageing mesotherapy product range composed of 54+1 active ingredients that bring poly revitalization and deep hydration to skin lacking brightness, tone and elasticity or turgidity.

### Anti-Ageing Aesthetic Mesotherapy

This is the multiple intradermal injections of very small quantities of a nutritive and revitalizing complex of 54+1 active ingredients.

This process performed using a very thin needle along wrinkle lines in "nappage" over the face, neck, scoop and back of the hands. Anti-ageing mesotherapy can be carried out either manually using a syringe or with a mesotherapy gun.

This intervention/operation may be applied to all skin types for cutaneous ageing treatment or as a preventative to its symptoms.

### Duration of the treatment

Typically a treatment lasts between 15min and 30min depending on the surface cutaneous area to treat.

### Patient results

The improvement of the treated cutaneous state is progressive and cumulative although the result is visible from the first session:

The skin is more hydrated and toned as it becomes progressively radiant and even. The skin is restructured, more dense and firmer. Face skin becomes visibly rejuvenated.

NCTF 135 & HA are the only anti-ageing products to treat ageing causes as well as its consequences. The results are therefore even more natural.

### Summation

- Global treatment targeting cutaneous ageing causes and consequences (wrinkles, firmness, complexion).
- Practically pain free ambulatory treatment.
- Natural and progressive results, visible but no excessive correction.
- Regular assessment and continuous therapeutic support of the patient.
- Combination with the classic anti-ageing treatment [filler, toxin, peeling, laser]

### 2 products - 2 indications - 2 levels of performance

The choice between NCTf 135 and NCTF 135HA depends on the patients indication and the result expected. The use of both products can be adjusted during the course of treatment.

### Characteristics

Characteristics	NCTf 135	NCTf 135HA
H.A. concentration	0.025mg/ml	5.0mg/ml
Composition	Hyahuronic Acid	Hyahuronic Acid
Duration and conservation conditions.	3 years	3 years
Inject method	Manual or gun	Manual or gun
Injection techniques	Serial puncture or Nappage	Serial puncture or Nappage
Injection depth	Superficial or medium dermis	Superficial or medium dermis
Injection Area	Face - Neck - scoop neck - back of hands	Face - Neck - scoop neck - back of hands.

## Indications

**NCTF 135** - Anti Ageing mesotherapy product indicated for revitalization, hydration of tired or dull skin and treatment of superficial wrinkles.

**NCTF 135HA** - Anti Ageing mesotherapy product indicated for intense revitalization, hydration of tired or loose skin, treatment of wrinkles and to make denser mature or slack skin.

## NCTF Kits

Unique; The first anti-ageing mesotherapy kits.

- Good for up to 5 treatments
- 3ml vials, disposable and ready to use
- 18G sampling needles
- 30G treatment needles
- 1ml syringe

**New formulas** - Efficient and risk free.

- Successful formula of 54 + 1 ingredients: resulting from 30 years of research and expertise.
- Micro-filtration sterilization: protect the biological integrity of the 54+1 ingredients.
- CE marked product: certified ISO 13485: 2003
- Internationally Renowned: already more than 900 000 patients treated in 34 countries.
- Extremely purified hyaluronic acid: no pre-test is necessary
- Low viscosity solution enabling perfect integration into the tissues: overall superficial treatment of the tissues.
- Proven anti-ageing efficiency: treatment of wrinkles, to make denser skin matrix, anti radical protection: new biological in vitro efficiency tests.

**NCTF - Composition is the secret of success.**

Hydroscopic action by fixation of a large quantity of water through the creation of hydrogen and water bonds + action on cellular proliferation and angiogenesis. Hyaluronic acid is an indispensable element for the visco-elastic balance of the dermis and epidermis.

## 13 VITAMINS

Vitamin A: action on skin's density & suppleness by regulating keratinizing & healing.

Vitamin B: action on the metabolism of essential fatty acids guaranteeing skin's biological balance.

Vitamin C: action on collagen synthesis, inhibition of free radicals and localised hyper production of melanin.

Vitamin E: anti-radical action by hydrogen peroxide inhibition.

## 23 AMINO ACIDS

Action on proteinic synthesis by fibroblasts. Cells combine these structural elements to create proteins also known as polypeptides.

COLLAGEN is mainly composed of proline + hydroxyproline + lysine

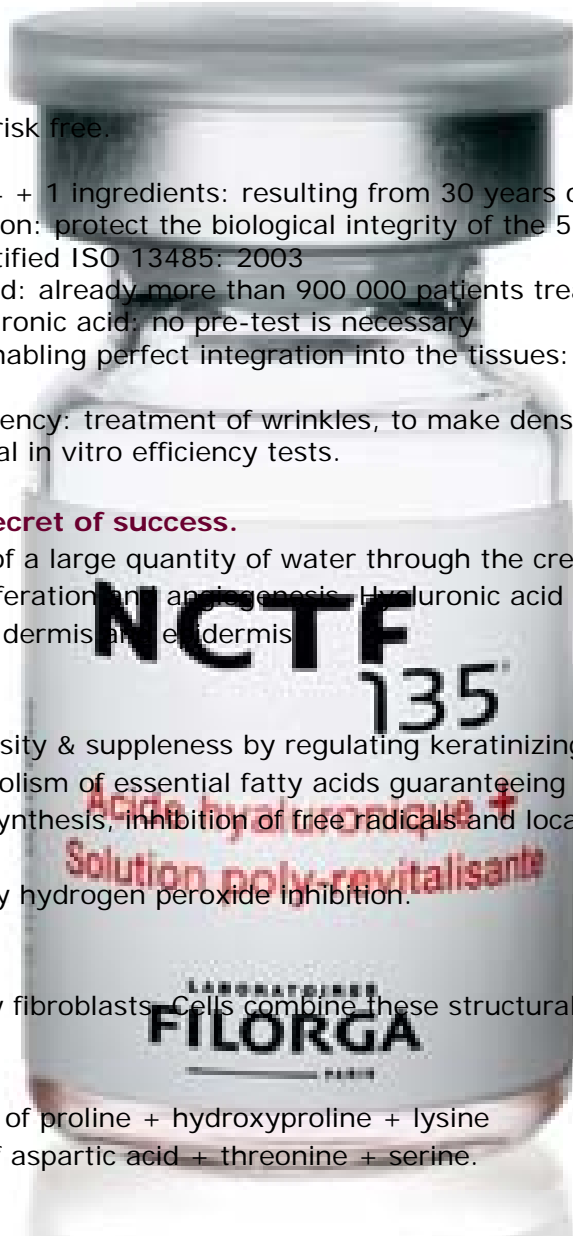
ELASTIN is mainly composed of aspartic acid + threonine + serine.

## 6 MINERALS

Long action on hundreds of enzymatic reactions and essential cellular functions. As cofactors minerals thus improve the different biological metabolisms. Magnesium Mg + is for example involved in 180 enzymatic reactions.

## 6 COENZYMES

Catalytic action on the organism's metabolic reaction speed by reducing the energy required for the reactions to take place. These biochemical activators thus increase tissue construction speed.



## 5 NUCLEIC ACIDS

Nucleic acids are compounds created by the bonding of unitary elements called nucleotides that create essential molecules such as DNA and RNA which carry the information enabling the command and regulate the synthesis of proteins.

## 2 REDUCING AGENTS

They are substances that easily lose one or more electrons. They therefore stop radical oxidation reactions of the dermis and epidermis cells.

## 54 + 1 active ingredients.

Hyaluronic Acid Non reticulated Sodium Hyaluronate 13 Vitamins Ascorbic Acid (Vit. C) P-aminobenzoic Acid (Vit. B10) Biotin (Vit. B8) calcium pantothenate (Vit. B5) Folic Acid (Vit. B9) Inositol (Vit. I) Nicotinamide (Vit. B3) Pyridoxine (Vit. B6) Riboflavin (Vit. B2) Thiamine (Vit. B1) Tocopherol (Vit. E) Retinol (Vit. A) Riboflavin (Vit. B12) 6 Minerals Calcium Chloride Potassium Chloride Magnesium Sulfate Sodium Acetate Sodium Chloride Sodium Dihydrogen phosphate 5 Nucleic Acids Deoxyadenosine Deoxycytidine Deoxyguanosine Deoxythymidine Methylcytosine 23 Amino Acids Alanine Arginine Asparagine Aspartic Acid Cystine Glutamine Glutamic Acid Glycine Histidine Hydroxyproline Isoleucine Leucine Lysine Methionine Ornithine Phenylalanine Proline Serine Taurine Threonine Tryptophan Tyrosine Valine 6 Coenzymes TPP (Coccarboxylase) CoA (Coenzyme A) FAD (Flavin adenine dinucleotide) NAD (Nicotinamide adenine dinucleotide) NADP (Nicotinamide adenine dinucleotide phosphate) UTP (Uridine triphosphate) 2 Reducing Agents Ascorbic Acid Glutathione

Mesotherapy is a biological and progressive treatment that requires a minimum of 6 sessions (3 months) in order for a skin to be maximally

Theoretical curve of cellular revitalization

Progressive and cumulative effect of cellular revitalization.

**Phase 1.** Initialize; 4 sessions with an interval of 1 week to 15 days.

**Phase 2.** Repair; 2 sessions with a month interval.

**Phase 3.** Maintain; 1 session every 2 to 6 months.

Action on proteinic synthesis by fibro

Determine suitable treatment intervals according to the indications of each patient. Revitalizing mature skin requires a more re-occur ant treatment rhythm than younger skins; Our in vitro study of fibroblasts proliferation when in the presents of NCTf 135 reveals that senescent fibroblasts require more product than young fibroblasts.

## Injection Techniques

Serial Puncture; 30g syringe and needle

- Along wrinkles and lines.
- Intra-dermal micro-injections.
- Specifically targeted areas- required amounts very small.
- Superficial in regular intervals.
- Small papules - just a few mm apart.

Nappage; Using a syringe or mesotherapy gun

- Over the whole of the face, neck, scoop neck and back of the hands.
- Very superficial coetaneous micro injections.
- Small papules, barely visible roughly 1cm apart.

