



Innovative
medical solutions



mesotech



12 Sterile Meso-cocktails
for several indications with exclusive formula

Each mesococktail always contains:
Impact ingredient - to obtain immediate result (and so satisfy patient's expectation)
Anti-oxydant ingredient - to balance free radicals' level (FRs increase after every dermathologic treatment).
Synergy - real and focused to prevent and cure the beauty flaw.

Mesotech only manufactures sterile mesococktails, we don't believe in the single ingredient.

Limits:

Once you open it the first time, the product is exposed to external agents, it means that we have No more sterile product.
Since it's exposed to light and heat, there's a HIGH risk to oxydate.
It has to be combined to other ingredients in exact percentages, so HUGE waste of time.
It has to be bought in big quantities, so GREAT waste of money.

Lack of synergy

A lot of Lab studies are made on ECCIPIENTS, infact, they contribute to the CHEMICAL BALANCE and CHEMICAL LINK of the INGREDIENTS. Without Eccipients or with an inadequate use of them, it will never be possible any synergy, and this means: low effectiveness of the treatment.

No waste of product - the product is in single use vials or ampoules.

Sterility Guaranteed

No time waste - the product is ready to use!

No Risk of Oxydize

High Concentration - to avoid body habit



ISO9001

is basic quality assurance system in Mesotech srl.

This system covers all production steps including design and service process, also can provide good controlled productions for customers and patients We develop our Range in a continuous dialogue with our customers.

ISO13485

quality standard is including ISO9001, traceability, cleanroom, facilities and sterilization for medical device. This standard has been adopted for the production line in Mesotech srl.

93/42/EEC(MDD)

Medical devices directive is special guideline for each medical device to assure safety and comfort to the patients. This directive is adopted in Mesotech srl.

PROCEDURE FOR PRODUCTION

All raw materials are selected by us to meet the characters of medical devices. The production process is controlled according to ISO9001, ISO13485 quality systems. After production, all products are tested and inspected including packaging, sterilization etc.

BIOACT

rebuilding the skin

BIOLIFT

anti-flaccidity treatment

BIOSTRETCH

stimulates wound healing and tissue regeneration

CELLUPHASE

the ultimate meso-cocktail to sculpt face

ELASTHASE

DMAE, elastin, organic silicon to restore the skin

HYDRALIFT

immediate facial firming

BIOAGE

dna main component for your beauty

BIOLISI

strong lipolysis

BOTOPHASE

peptides formula for result simil botulinum

EASYCELL

strong formula: four actions vs cellulite

HAIR SYSTEM

eight actions to redensify

SKINESSE

visible result from the first session

FIELD OF COVERAGE	INDICATION	BRAND
Anti-Aging	Chrono Aging Photoaging	Biolift – Elasthase - Bioage* BioAct - Hydralift
Liposculture	Lipolisis Cellulite (PEFS)	Bioline Easycell – Celluphase**
Stretch Marks	Fractured / Broken Connective Tissue	Biostretch – Elasthase***
Hyperpigmentation	Dyschromias Sun Spot Age Spot	Skinesse
Hair Loss	Alopecia	Hair System

*BioAge, indicated also for maintenance therapy after BioStretch or Elasthase

**Celluphase, indicated also for fac-lipo (double chin, eyelids and bags).

***Elasthase, indicated also for neck and décolleté.

Active	Indications	Brand	Frequency
HA (Hyaluronic Acid)	Anti-aging	<i>Bioact*</i> (Photoaging), <i>Hydralift*</i> (Photoaging)	Once every 7-10days
Elastin	Anti-aging	<i>Elasthase*</i> (Neck and décollete and s-marks)	Once every 7-10days
Collagen	Stretch-marks	<i>BioStretch*</i>	Once every 7-10days
DNA	Anti-aging	<i>Bioage</i> (Chronoaging)	Once every 7-10days
DMAE	Anti-aging	<i>BioLift**</i> (Chronoaging), <i>Hydralift*</i> (Photoaging), <i>Elasthase*</i>	Once every 7-10days
PPC+L-Carnitine	Lipolisis	<i>BioLine*</i>	Once every 15days
Caffein, L-Carnitine, Coumarin, Rutin, Hamamelis	Cellulite	<i>EasyCell***</i> (Body-lipo), <i>Cellulphase****</i> (Face-lipo)	Once every 7-10days
Saw Palmetto, Biotin, Phantanol, Keratin, Vit.B	Hair loss	<i>HairSystem*</i>	Once every 7-10days
Kudzu, Albatin, Glutathione, Pueraria	Iperpigmentations	<i>Skinesse</i>	Once every 7-10days

*mix in 1:1 proportion with sterile water solution , **mix 1ml of Activator with 2ml Base Solution, ***mix in 1:3 proportion with a sterile water solution, ****mix 1ml of Activator with 4ml of Base Solution



Chrono Aging



Elasthase

Actives Elastin, DMAE, Organic Silicon

Dose 2-3.0 mL

Dilution Proportion 1:1

Treated areas Neck and Décolleté

Frequency once each 7-10 days

Sessions 8

Results increase skin elasticity and lifting



Biolift

Actives DMAE, Amino, Organic Silicon

Dose 3mL

Dilution 2mL B-Solution+1mL Activator

Treated areas Malar Zone

Frequency once each 7days

Results increase skin tone and lifting



Bioage

Actives DNA, Vit. E

Dose 2-3.0 mL

Dilution Proportion 1:1

Treated areas Cheek

Frequency once each 7 days

Results restructure skin texture



Photo Aging



Bioact

Actives HA, Retinol, Complex B

Dose 4mL

Dilution Proportion 1:1

Treated areas Cheek, Lip zone

Frequency once each 10 days

Sessions 6

Results moisturizing effect and tone



Hydralift

Actives HA, DMAE

Dose 4mL

Dilution Proportion 1:1

Treated areas Malar area, Front

Frequency once each 15 days

Sessions 5

Results hydration and lifting effect



Cellulite (P.E.F.S.)



EasyCell

Actives Hamamelis, Coumarin, Rutin, Caffeine, Carnitine, Taurine, Cynara, Resveratrol, Organic Silicon

Dose 10mL

Dilution Proportion 1:4

Treated areas abdomen, hips

Frequency once each 7 days

Sessions 7 - 10

Results reduction of cellulite (PEFS)



Liposuction



Biolisi

Actives PPC, Sodium DX, L-Carnitine

Dose 10mL

Dilution Proportion 1:1

Treated areas abdomen, hips

Frequency once each 15 days

Sessions 4 - 6

Results fat reduction through lipolysis



THE ULTIMATE MESO-COCKTAIL TO SCULPT FACE

Face Liposuction

Box contains

- n. 20 ampoules of CelluPhase Base Solution of 2.0mL e.a.
- n. 2 vials of CelluPhase Activator of 5.0mL e.a.

Celluphase is a meso-cocktail whose formula has been based on the basic premise of understanding correctly the face's localized adiposity and "orange peel" problems. Facial adiposity is a process where multiple factors intervene which are statistically associated with its presence and predispose towards its appearance: endocrine, enzymatic, psychosomatic, genetic, dietetic, mechanical and vascular.

Results

Contains five individually clinically proven actives at increased concentrations, where other treatments only contain one;

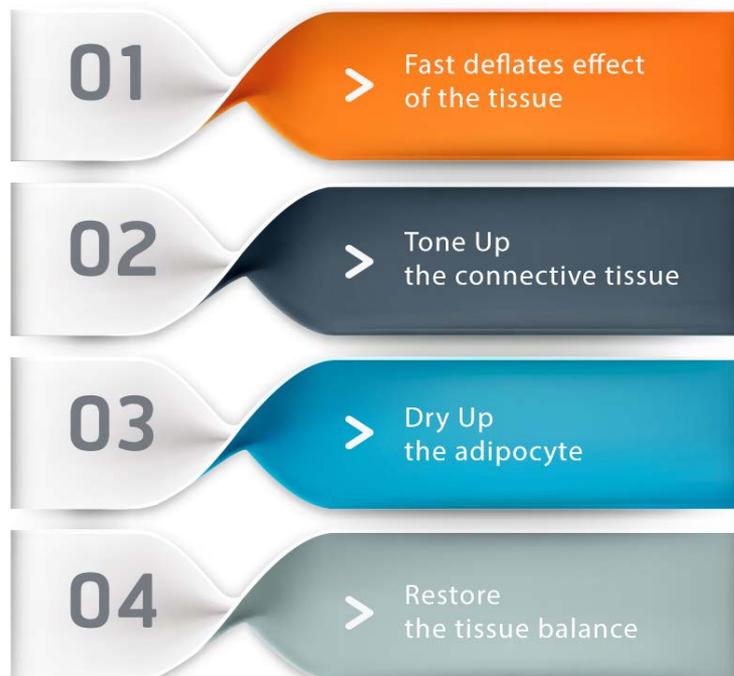
Remodels and re-firms face;

Accelerates natural subcutaneous fat diminishment mechanisms;

Smooths and tightens the skin;

Reduces the 'orange peel' effect by improving microcirculation;

Celluphase has a Firming Effect on the skin, which when measured by ballistometry, showed a 9.5% decrease in indentation in the skin and a 27.5% decrease in skin flaccidity reduces Double Chin by up to 80%.



Celluphase

Actives Base Solution - Hippocastanum, Fumaria, Nicotin Activator - Hamamelis, caffen, l-carnitin

Dose 2.5 - 5.0mL

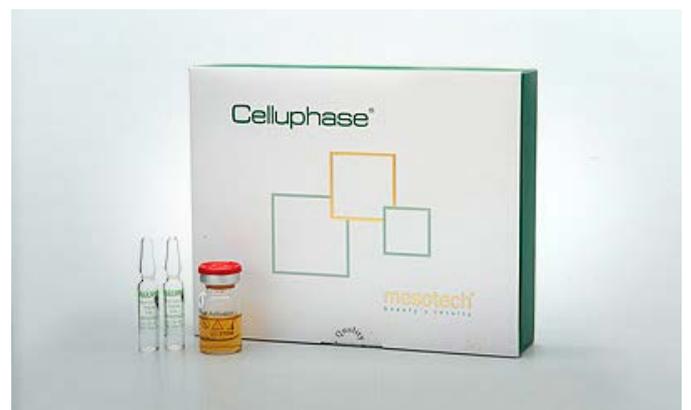
Dilution 1m Activator : 4mL Base Solution

Treated areas double chin, eyelids, bags, cheek

Frequency once each 10 days

Sessions 6 - 8

Results deflating action and fat reduction





Reconstruction of cutaneous architecture

BioStretch contains several active ingredients clinically proven to help prevent and repair stretch marks increasing collagen and elastin formation, firming the collagen matrix and rehydrating targeted areas with undetectable molecular hydrating fill.

Collagen is a protein present in our body in more than 25% concentration. Collagenase activity on denatured collagen

Peptide activity on increase of biosynthesis of collagen and elastin

Provides a structural support network of fibronectin

Hydrolyzed collagen, HCP, is collagen that has been enzymatically or chemically processed to make it more easily absorbed by the body.

Hydrolyzed collagen consists of water-soluble peptides which are rich sources of the amino acids glycine, L-proline and L-hydroxyproline.

Results: stimulates wound healing and tissue restauration by collagen matrix regeneration.

It leads to more regular tissue renewal, normal appearance of scars, to full restauration of elasticity.



BioStretch

Actives Collagen, Marin Plasma, Silicium

Dose 0.3 - 0.5mL for each stretch mark

Dilution Proportion 1:1

Treated areas Stretch mark

Frequency once each 10 days

Sessions 10

Results reduction of dyschromy and width of the stretch mark



Redensifies

8

actions

- Restore the microcirculation
- Act in alfa5 reductase process
- Adjust sebum production
- Provide the essential nourishment to the hair bulb
- Thicken hair cuticle
- Restructure the hair cuticle
- Redensify the medulla
- Restore radiance of the foliage

HairSystem

Actives Saw Palmetto, Centella, Biotin, Panthenol, Cystein, Taurin

Dose 5mL

Dilution Proportion 1:1

Treated areas Scalp

Frequency once each 7 - 10 days

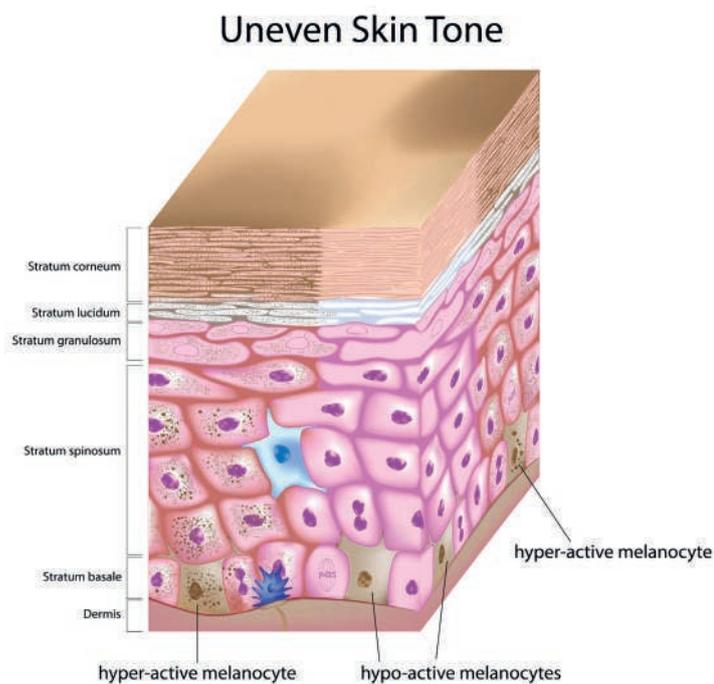
Sessions 10

Results stimulates hair growth, protects hair structure & integrity stretch mark



Skinessse

The first meso-whitening effect



Actives Kudzu, Pueraria, Arbutin ,Glutathione

Dose 0.3 - 0.5 mL

Dilution Proportion 1:1

Treated areas for each spot - Ø 1cm

Frequency once each 7 days

Sessions 4 - 6

Results reduction and/or fading of spots

Skinessse is the most effective and innovative sterile meso-cocktails for hyperpigmentations, melasma, sun damage, age spots, dyschromias, acne scars. Skinessse contains a complete formula thanks to its active ingredients that work in synergy.

Skinessse's action is fast and visible from the first session.

w

SKINESSE contains natural ingredients, based on Kudzu root nodules (symbiozomes). Similar structure to Hemoglobin in humans: acts as detoxifier of free radicals skin lightener active. Adjusts the activity of tyrosinase. and helps to control melanogenesis through scavenging of nitrogen oxide (NO) radicals.

Additional activities

It also improves skin elasticity, stimulates production of collagen Curative action in Hyperpigmentation and tanned skins

It also contains Isoflavones Pueraria, antioxidant properties. It is not cytotoxic and is very stable in water solutions

How it works?

Step 1: Reduces NO (melanogenic mediator) production

Step 2: Inhibits Tyrosinase and other enzymes as TRP-1

Step 3: Controls Melanosome transfer

Additional activities:

Antioxidant, protection against UVA/ UVB, inflammation inhibitor, improves cell metabolism, protection of dermal matrix fibres.

Reduces the melanin quantity and also inhibits melanocytes dendricity, making difficult the melanosome trasfer to keratinocytes, in just 10 days.

Arbutin

It is a Phosphinic analogue of Alanine (Ala-P)

It is not cytotoxic and very stable in water solutions How it works?

Arbutin stabilizes DOPochrome and inhibits the enzymatic activity of the DOPochrome tautomerase (TRP-2).

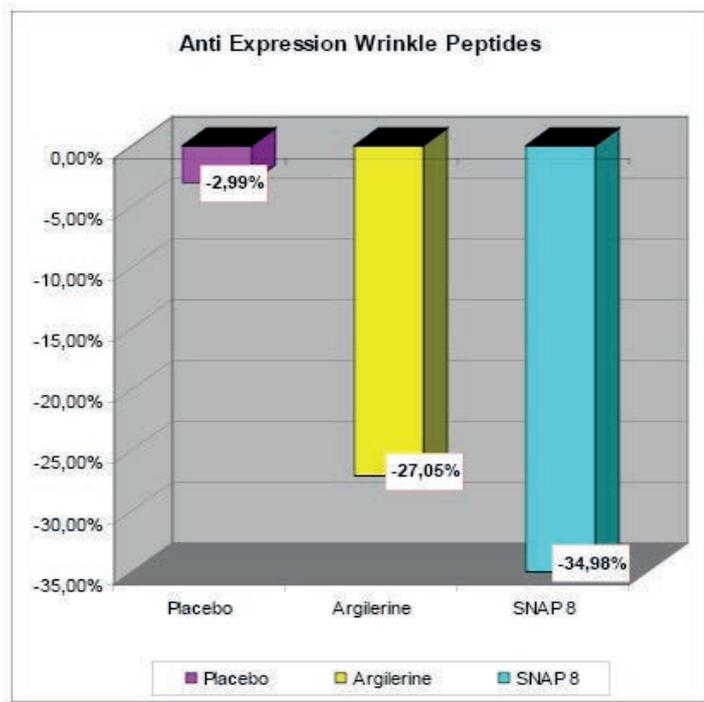
Glutathione

Mechanism of action: it reduces the intermediates of the melanin. Glutathione has a reducing group (SH) which can form a complex with copper and also reduces dopaquinone to DOPA.

Botophase

Botox-like effect

Botophase is a restructuring and firming facial treatment designed to act from the deep skin stratum in order to recover the good appearance of the skin. The unique combination of mimetic peptides such as: Argireline, SNAP-8 and Leuphasyl and other ingredients like Hyaluronic Acid and Retinol, has a specific effect smoothing the fine lines, as well as, it helps the skin to have a smoother, better, and more elastic skin look.



The formula includes active ingredients of tested efficacy, all of them act together over the main causes of the first signs of aging. Botophase has a similar effect to botulinum (without any side effects), which is the relax of facial muscles and fibroblasts alongside the filling, anti-oxidating and nourishing effects the other ingredients provided.

Regulating the muscular tone, inhibiting the neuron acting over the nerve is a key factor to achieve the smoothing effect of the skin: The muscles contract once received a neurotransmitter transported inside a vesicle. The protein complex SNARE (SNAP Receptor) is essential for the neurotransmitter's release during the synapse.

This complex is composed by 3 structures: VAMP, Syntaxin & SNAP 25. The union of the vesicle and the complex is needed to merge it with the neuron membrane and then releases the neurotransmitter acetylcholine.

The inhibition of the SNARE complex causes the muscular relax, but this time the mimetic peptides just lightly destabilizes the complex acting over the SNAP 25 protein, instead the irreversible way botulinum works destroying it. This way the synaptic vesicles can not anchor and release acetylcholine in an efficient way, which allows a certain neurotransmission while a muscular relax.

As a result, the muscular contraction is smoothed preventing the appearance of wrinkles.



Actives Argireline, Avena Sativa, HA, Retinol

Dose 2 - 4 mL

Dilution Proportion 1:1

Treated areas periorcular and malar areas; smoker lines

Frequency once each 7 days

Sessions 4 - 6

Results 63% less wrinkle depth, visible improvement of the skin



Leadergun

Fully automatic meso-gun

The only one with anti-leakage system and several doses for each different treatment [CE0476]. It was designed to overpass the limits of all other mesoguns:

Injection

a single injection (spot)
burst injection (very fast, 3 injections per second) continuous injection (no stop)

Dosage

pico dose (0.007 -> 0.05) micro doses (0.013 -> 0.10) macro doses (0.025 -> 0.15)
Penetration / depth: from 1mm to 13mm Syringe seat - (mL): 1; 2.5; 5; 10 Needles: 4mm; 6mm; 13mm.

SMT – Step Motor Technology

Extreme precision during the injection and the output of the product and during the extraction of the needle from the skin. Thanks to these features SMT is also used on medical devices in Oncology and Intensive Therapy.

Automatic functions

Automatic turn off of device after few minutes without manual use.
Automatic adjustment of penetration depth.
Automatic detection of the empty syringe and recalling.

Programming

Syringe size
Needle size
Penetration depth
Injected dose (Pico, Micro, Macro) Injection mode
Injection frequency
Permanence of the needle into the skin

Leadergun has logical memory to save custom presets. The integrated software is designed to avoid any risk of error by the operator.

LCD Colour Screen 1,5”
Brightness and Contrast’ s Adjustment

Syringe Cover

To avoid eventual touch of the syringe during the treatment.

The cover and the backside of Leadergun have a magnet on its top, which allow the cover’s blockage if it’s turned upside down during treatment.

(According to MD Certificates’ Safety Regulations.)



Five preset programs

Glow (anti-aging)
Lipo (cellulite)
Stretch (stretch-marks)
PRP
Botulinum

Handle Design

Leadergun’s handle has been designed to fit all ergonomics standars. The special TPE material which wraps the handle, allows a perfect grip and a better handling during the treatment.

Ergonomics

All the components in Leadergun are equally balanced and respond to Ergonomics MSI Requirements

Battery

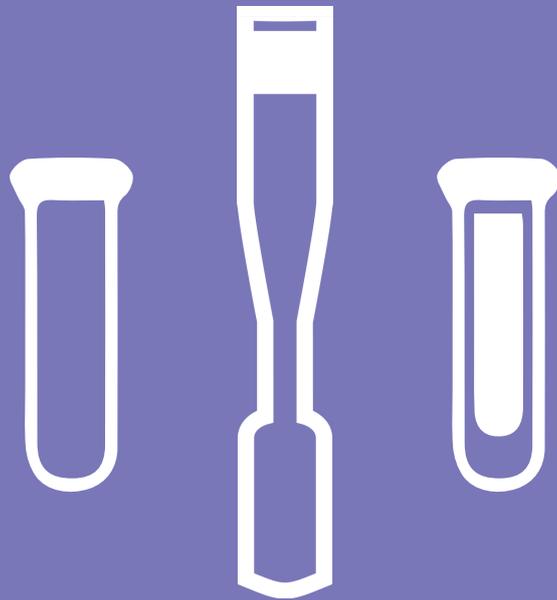
Lithium Ion 2200 mAh 7,4 V Autonomy : 36 hours
Charge time : 2 hours Max
Battery level of charge on LCD Screen

Power supply

Universal AC input/ Full range, INPUT: 100 – 240 VAC - 50/60 Mz - 0,8 A



Available in black or white version
Smart color LCD display



The ultimate tube
Specific kit for a quality PRP,
without gel separator

EasyPRP

Enriched Test Results

Platelets Count is the key for Effectiveness

Quick and simple procedure in just 5 minutes!

Chemical Additives FREE

Buffy Coat concentration 2,000,000 in 1ml with only 11cc of blood. Eclectic 'V' shape to fit all types of centrifuge.



Faster and more simple than other Kit for separation and concentration of blood and Buffy Coat and Plasma
Short downtime, strong efficacy and longlasting effect...PROVEN RESULTS!

Growth Factor

TGF-β
(Transforming growth factor beta)

Function

Stimulation Blast mesenchymal Cell to be differentiated
Cell division Control of microvascular endothelial cells, fibroblast, osteoblast.
Control of Synthesis and enzymes secretion of Collagen
Control of Cell division with other GF
Stimulation of Chemotaxis of mesenchymal Cell and creation of new blood vessel

TGF-β
(Transforming growth factor beta)

Secretion control of collagen synthetase and control of collagen composition Cloning of stem cell

EGF
(Epidermal growth factor)

Control of enzyme secretion of collagen composition, cell division of an epithelial cell, intermediate lobe cell

VEGF
(Vascular endothelial growth factor)

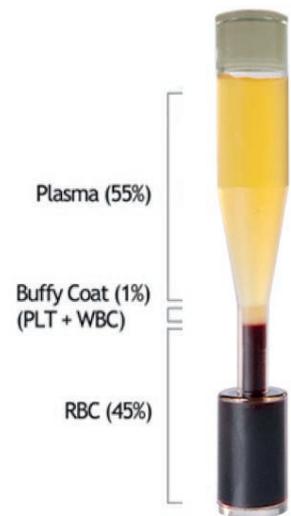
Increase of blood vessel creation and transmittancy cell division stimulation of endodermal cell

CTGF
(Connective Tissue Growth Factor)

Creation of blood vessel, Joint regeneration, Fibroplasia, Stimulation of platelet coagulation

IGF
(Insulin-like growth factor)

Stimulation of Intermediate lobe stem cell division, Joint regeneration



Each kit of EasyPRP contains

- 1 PRP device
- 1 butterfly needle (size 21G),
- 2 sharp needles (size 18G-90mm)
- 1 ampoule of anticoagulant (2mL) sodium citrate 3.8%

Indicated for

Orthopedy, Cardiology, Trichology, Ophtamology, Plastic Surgery, Dermatology,



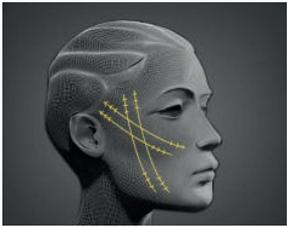


PDO Thread

Monofilament and 3D COG

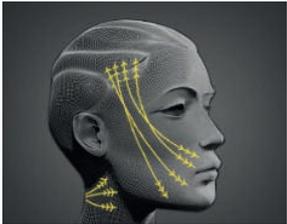
EasyThread

PDO threads

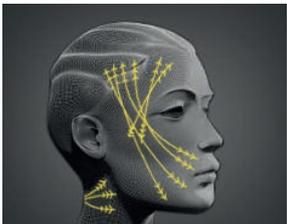


Easy Thread is a premium lifting thread made in PDO (Polydioxanone) which is absorbed after proliferating collagen by fibroblasts stimulation.

Any of you can experience overall face contouring and skin elasticity. It brings Natural and remarkable effect to face and body after simple and safe treatment. The superior quality of the Ultra Thin Wall needle allows the treatment to be easy and painless.



Threads in tissues decompose by hydrolysis to water and carbon dioxide and after 2-3 month remain to 50 % of strength properties. After 6-8 month they completely resolve. The reaction of tissue on threads consists in soft neocollage- nesis (the forming of young collagen), which continues carry out “frameworkwork” function over a period of 18-24 months.



Synthetic polyester fiber Polydioxanone Monofilament absorbable by hydrolysis
 Excellent biological tolerability
 Widespread use in the general and specialized surgery Start time of resorption after 10-15days Complete resorption after 90-180 days

Indications

- Contouring - Full Face, Breast, Hip, Upper Arm
- Wrinkle - Face, Neck, Hand, Indian Groove, Marionnett folds, Nasolobia fold, Crows feet, Glabella Fold
- Volume reduction - Double chin, Zygoma, Arm, Abdomen autoimmune diseases

Skin Rejuvenation Effects

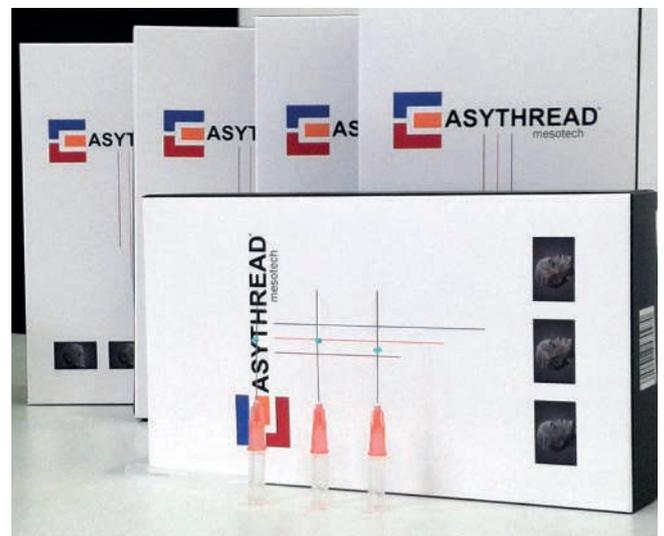
- Stimulation of Collagen Production
- Promotion of Local blood Microcirculation
- Activation of Reparative Processes

Mono filament

Needle Width	Needle Length	Thread Length
30G	30mm	35mm
29G	40mm	50mm
29G	50mm	70mm
27G	60mm	90mm
25G	90mm	150mm

3D Cog

Needle Width	Needle Length	Thread Length
23G	50 to 100mm	90 to 150mm
22G	50 to 70mm	90 to 100mm
19G	70 to 120mm	100 to 180mm
18G	90 to 150mm	150 to 190mm





anedol®



Antibacterial action



DESENSITIZING FOR TOPICAL USE

Anedol

Reduces the pain of needle puncture

Anedol® is a skin numbing topical gel based on Eugenol, extracted especially from clove oil with antiseptic and antibacterial properties but the most important anaesthetic properties.

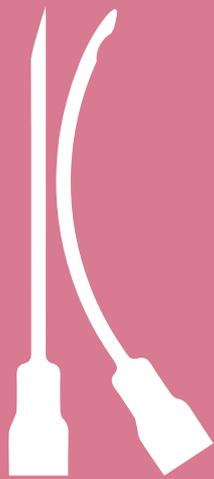
Anedol® is used for topical “anesthesia” before any aesthetic treatment, such as filler, mesotherapy, laser, needling, and any other treatment that can cause pain to the patient. Its formulation allows a local topical sensory shock with immediate effect that lasts around 10 minutes, time that enables to make the treatment.

Its rapid effect, when needed, it can be applied again with immediate effect so the operator is able to continue the treatment without any work-break.

How to use: Using the airless dosing pump, dispense one dose, (in relation to the extension of the area to be treated) on slightly damp skin. Massage lightly. After two minutes apply another dose to increase the effect. Do not rinse until the end of treatment.



*Available in airless of 50ml.
or/and in bottle of 200ml.*



Needle

Hypodermic and flexible range



SOFT INJECTIONS IN MESOTHERAPY

10

Needletech Hypodermic needles

Needletech needles are realized under an accurate selection of the raw materials, keeping a particular attention during the packaging phase, in order to avoid eventual blunts of the needles.

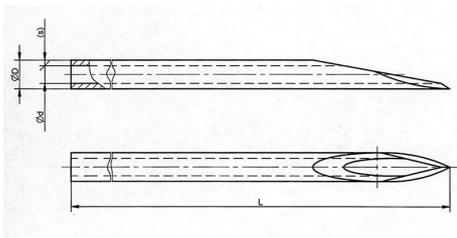
An exclusive process of lubrication of the cannula of the needle allows a fluid and painless penetration into the skin.

The accurate sharpening of the needles minimizes the pain associated with the treatment.

The ultra thin diameters (0.3 and 0.23 mm) make this product excellent for mesotherapy, filler, botulinum, sclerosant and collagen treatments.

Box of 100pcs. In EO sterile single use blister.

Cone	Size	Lenght
Luer	33G	4mm
Luer	32G	8mm
Luer	32G	4mm
Luer	31G	13mm
Luer	31G	6mm
Luer	31G	4mm
Luer	30G	13mm
Luer	27G	13mm
Luer	26G	13mm
Luer	18G	90mm





Pain, Bleeding, Bruising, Edema
Inflammation, Local Anesthesia



innovative

WAY TO PERFORM THE FACIAL FILLERS INJECTIONS

Needleflex

Flexible cannula blunt tip and side hole

The balance between flexibility and rigidity. This flexibility allows the practitioner to adapt and control his gesture to avoid pain and without damaging the dermis or underlying tissues.

Needleflex glides beneath the skin without damaging it.

Broad series of cannulas
Nine different sizes carefully selected to match all needs.

Adapted to every medical application
One or more sizes for each area, direction of injection and depth.

Available for all fillers and mesococktail on the market
Lengths, outside diameters and internal calibers suitable to any mesococktail and filler range.

The best proportion between quality and price
Perfect flexibility and robustness of the stainless tube and plastic hub.

Full medical safety

Minimal traumatism on tissues thanks to cannula's blunt tip.

Needleflex permits to reduce the number of injection sites, which allows less painful to the patient over a wider area.

Thanks to their flexibility and their blunt type, micro cannulas Needleflex reduce the risk of bruises and inflammatory reactions.

Cone	Size	Lenght
Luer	30G	25mm
Luer	27G	38mm
Luer	27G	50mm
Luer	25G	38mm
Luer	25G	50mm
Luer	22G	50mm
Luer	22G	100mm
Luer	18G	50mm
Luer	18G	100mm

One box contains 100pcs

