



MESO

MESO LIFTING THREAD

TRAX

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Esthétique préventive et réparatrice

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TRAX

- ✓ Immediate result
- ✓ No incisions
- ✓ Less pain
- ✓ Minimal recovery time
- ✓ No side effect

Meso Lifting Thread by Mesotrax is a minimally invasive technique that provides fast and natural improving the appearance of the face and body.

The Lifting Thread used is a medical aesthetic procedure which allows enhancement and rejuvenation of different parts of the face and body using special threads without using surgical incisions. Threads are precisely inserted into the tissue by fine needle. Anchored and fixed, they can lift or tighten the targeted area. The surrounding tissues act to hold the thread in place and maintain treatment effects. With the natural force of skin scarring, due to micro-injuries caused by the process, new tissue appears, elastin production and natural collagen induction are stimulated.

Treatments are usually performed under local anesthesia and ensuring a minimum recovery time. The procedure works well for patients with good skin elasticity and without too much skin excess.

This thread lifting process is suitable for men or women who wish to control their appearance to feel younger naturally without using face lifting surgery.

Average duration of effects : 18 to 24 months.

■ Certifications.

ISO 13485 - GMP - CE - CE Design



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✓ Wrinkles improvement

- Frown Lines
- Corrugator
- Eye Rim Wrinkle
- Tear Trough
- Marionette Lines
- Nasolabial Folds
- Neck Wrinkles

✓ Slimming

- Love Handles
- Abdominal Fat

✓ Lifting

- Jowl Lines
- Double Chin
- Face Contour
- Mandibular Profiling
- Thighs
- Knees
- Buttocks

✓ Volume

- Cheek

✓ Involution of muscle

- Square Jaw
- Calves



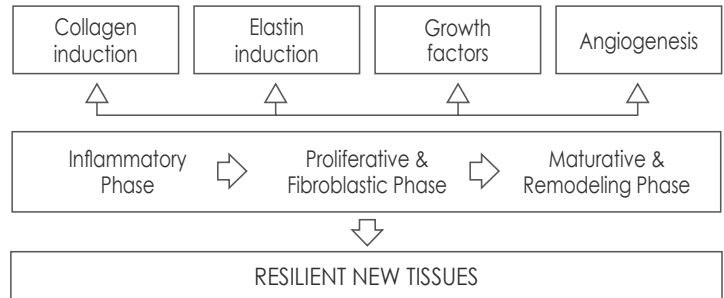
■ Mechanical stimulation of needles and threads.

According to the study of HELENE M. Langevin, the action of the needle and thread on subcutaneous tissue causes a mechanotransduction for cytoskeleton rapid remodeling. This exclusive technology acts to dermis to stimulate the natural production of collagen and elastin, stimulate the proliferation of fibroblasts during wound healing, density face, neck and décollete fine tissues. The activation of fibroblasts was observed in response to needle rotation, which cause a winding of the collagen fibers and the formation of a whorl of collagen and fibroblasts in the area surrounding the needle. With facial movements, Threads stimulate continuously the surrounding tissue until complete degradation of sutures.

■ Tissue damage and wound healing process.

The needle or cannula cross the skin and implant the thread in tissues. Perforation causes localized tissue damages and bleeding, inducing immediate healing process. Platelets are automatically released and the normal process of inflammation begins, even if the wound is miniscule. Numerous fine picks promote post-traumatic release of growth factors and leads to collagen and elastin induction by the fibroblasts.

- Natural wound healing process :



■ Positioning and effects.

The threads can be implanted into dermis, subcutaneous layer or muscle. Depending on their location, the effects are : wrinkles or subcutaneous fat reduction, lifting, muscles relaxation or involution, deep wrinkles removing.

Face or body, for each goal, a thread, an effect.

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■ **TWISTED MONO** needles

Slightly coiled polydioxanone monofilament suture that has a smooth surface and it is a standard type which is basically used for meso thread lifting. It is effective for mild lifting and rejuvenation. Comparing to conventional simple monofilament sutures, this needle is easier to insert and has a greater scaffolding effect.

Hub color	Needles		Sutures		Pieces per box
	Gauge / Diameter	Length	Thickness	Length	
Grey	27G / 0.400-0.420mm	60mm	5-0	90mm	100
Pink	29G / 0.324-0.351mm	38mm	6-0	55mm	100
Pink	29G / 0.324-0.351mm	50mm	6-0	75mm	100
Yellow	30G / 0.298-0.320mm	25mm	6-0	30mm	100

1 box = 100 pieces = 10 steriles pouches with 2 bags of 5 threads. Possibility to buy by pouches.

■ **SUPER SPRING** needles

Densely coiled around the needle polydioxanone monofilament suture, that is stretched when inserted to the skin and has the property to turn back to the original coiled feature. Due to this natural elasticity, this needle shows a great lifting, more volume and tightening effects and so a small number of threads can achieve a good effect. Comparing to conventional screwed typed sutures, this suture has greater volumizing and lifting effects.

Hub color	Needles		Sutures		Pieces per box
	Gauge / Diameter	Length	Thickness	Length	
Pink	29G / 0.324-0.351mm	25mm	6-0	30mm	100
Grey	27G / 0.412-0.413mm	38mm	6-0	55mm	100
Grey	27G / 0.412-0.413mm	50mm	6-0	75mm	100

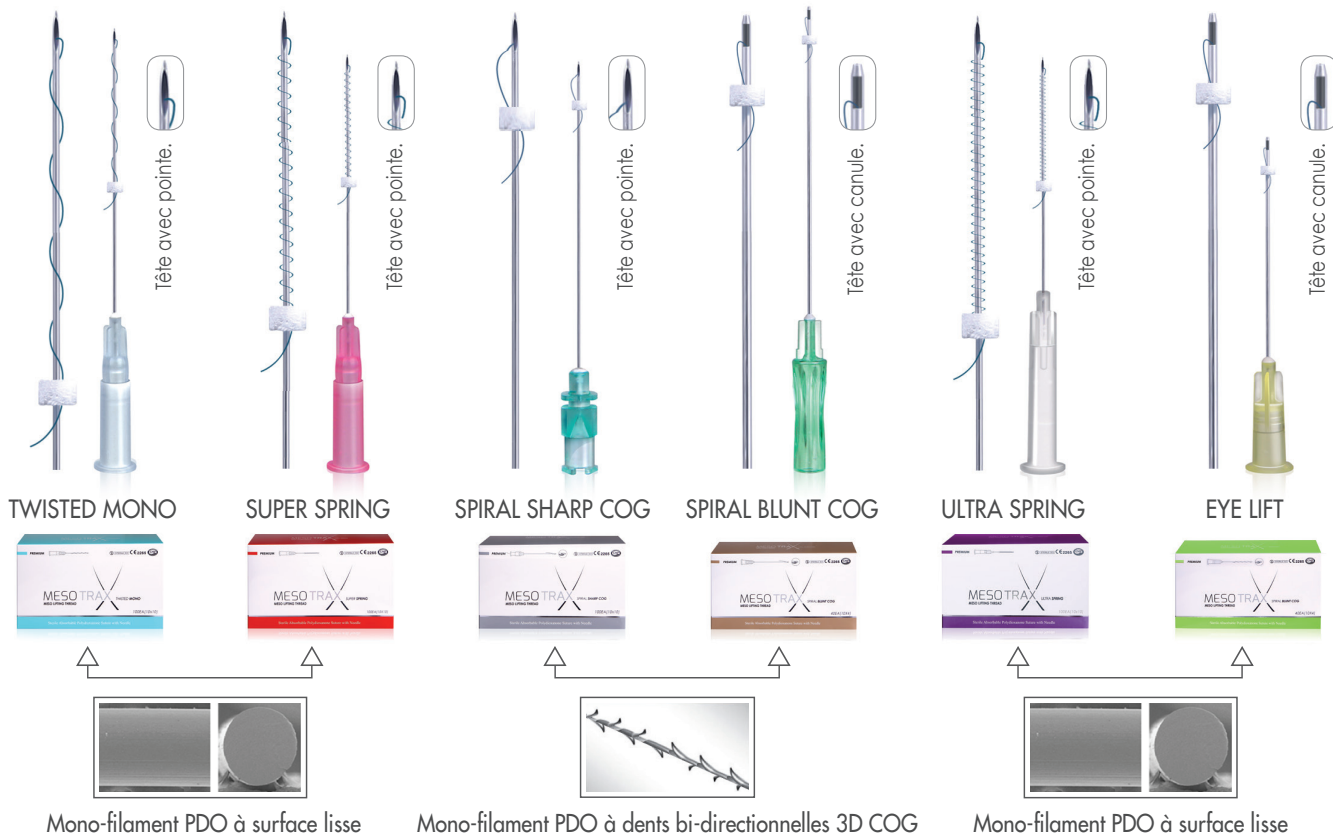
1 box = 100 pieces = 10 steriles pouches with 2 bags of 5 threads. Possibility to buy by pouches.

■ **SPIRAL SHARP COG** needles

Polydioxanone monofilament suture with bidirectional barbs. Made from monofilament fiber by a 360° micromachining technique which cuts barbs all around the suture. When inserted, barbed sutures self-anchor the skin tissues and hold the lift. The thread stays much more stably and the lifting effect lasts longer. Comparing to conventional COG sutures, this suture has an excellent ability to be set up and anchored, which prevents asymmetry problem, a common complication of COG treatment.

Hub color	Needles		Sutures		Pieces per box
	Gauge / Diameter	Length	Thickness	Length	
Blue	23G / 0.600-0.673mm	38mm	3-0	95mm	100
Blue	23G / 0.600-0.673mm	60mm	3-0	115mm	100
Blue	23G / 0.600-0.673mm	90mm	3-0	145mm	100

1 box = 100 pieces = 10 steriles pouches with 2 bags of 5 threads. Possibility to buy by pouches.



■ **SPIRAL BLUNT COG** cannulas

Almost the same needle than SPIRAL SHARP model. The specificity lies in the rounded shape of the head of the needle for the implementation of the thread. This specificity reduces the risk of bruising and provides a more comfortable and ever more secure procedure on delicate areas. In this case, a pre-hole is recommended to insert the cannula.

Hub color	Needles		Sutures		Pieces per box
	Gauge / Diameter	Length	Thickness	Length	
Green	21G / 0.800~0.830mm	60mm	2-0	120mm	40
Green	21G / 0.800~0.830mm	90mm	2-0	150mm	40
Cream	19G / 1.030~1.100mm	100mm	1-0	160mm	40

1 box = 40 pieces = 10 steriles pouches with 1 bag of 4 threads. Possibility to buy by pouches.

■ **ULTRA SPRING** needles

Densely coiled around the needle polydioxanone monofilament suture with smooth surface. Inserted as a spring, the suture does not stretch very slightly to keep a maximal surface in contact with the surrounding tissues. Compared to conventional coiled sutures, this model enhances the neo-collagenesis process and generates a more intense volume.

Hub color	Needles		Sutures		Pieces per box
	Gauge / Diameter	Length	Thickness	Length	
Grey	27G / 0.412~0.413mm	40mm	6-0	100mm	100

1 box = 100 pieces = 10 steriles pouches with 2 bags of 5 threads. Possibility to buy by pouches.

■ **EYE LIFT** cannulas

Polydioxanone monofilament suture with smooth surface. The caliber and blunt shape of the needle are designed to implant the suture in sensitive areas. These features allow to safely treat periorbital region without causing capillary ruptures, minimize pain and reduce the risk of bruising. In this case, a pre-hole is recommended to insert the cannula.





Hub color	Needles		Sutures		Pieces per box
	Gauge / Diameter	Length	Thickness	Length	
Yellow	30G / 0.298~0.320mm	25mm	6-0	35mm	40

1 box = 40 pieces = 10 steriles pouches with 1 bag of 4 threads. Possibility to buy by pouches.

■ **Powerful and efficient range beyond your expectations.**

Cannulas or needles with sterile tips recognized for manufacturing and cutting quality, Smooth or cogged polydioxanone sutures of various sizes, Efficiency, reliability, manageability and security required for high quality care, Innovative products of Mesotrax range are able to facilitate the work of the practitioner while greatly improving patient comfort.

- Better quality and higher efficiency compared to conventional products of the same category.

	Mono type sutures	Coiled type sutures
Equivalent conventional products	 PDO Mono classical suture	 PDO coiled classical suture
MESOTRAX products	 MESOTRAX TWISTED MONO suture	 MESOTRAX SUPER SPRING suture

- Steps and effects due to the laying of suture Mesotrax.

Right After	15-30 days	~60 days	150-200 days	200~ days
Instant skin plumping due to oedema	Wound healing effect	Continuation of collagenesis	Dissolution of suture	Extended lifting and structuring effects even after dissolution of the suture



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