

elionce<sup>®</sup>

R E J U V E N A T E   Y O U R   L I F E  
S H A P E   Y O U R   F U T U R E

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## WHAT IS ELIONCE™ ?

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Elionce™ is a premium thread lift therapy that creates a natural, fresher and younger looking face. Elionce™ polydioxanone (PDO) threads are biodegradable and have been in medical use for more than 30 years, in particular in delicate surgical procedures such as cataract operations<sup>1,2</sup>.

A revolutionary product, Elionce™ can help eliminate as well as prevent the signs of ageing by rejuvenating the structure of facial tissue.

Thread lift therapy is a minimally invasive technological advancement in aesthetic medicine, offering patients an innovative solution for sagging skin and wrinkles with rejuvenating and lifting effects that are supported by scientific research.

The procedure, which is still relatively new to the cosmetics industry, is extremely versatile and can be used in many areas of the face and neck. It is specifically designed to eliminate fine lines, make deep wrinkles appear smoother, and improve skin colour and elasticity.



## ELIONCE™ IS AVAILABLE IN THREE RANGES:

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### REJUVA RANGE

for facial rejuvenation

- Rejuva 1
- Rejuva 2
- Rejuva Eye



### REJUVA LIFT RANGE

for lifting and volumising

- Rejuva Lift 1
- Rejuva Lift 2
- Rejuva Lift 3



### NASOLIFT

for nose reshaping and lifting

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Suitable Treatment Areas:

- Forehead
- Eyebrows
- Tear trough and eye bags
- Nasolabial folds
- Cheeks
- Nose

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Elionce effects include:

- Skin rejuvenation
- Lifting
- Volumising
- Lipolysis

Forehead

Eyebrows

Nose

Tear trough and eye bags

Cheeks

Nasolabial folds

Peri-oral

Oral commissures

Neck

Pre-jowl sulcus

Sub-mental

- Rejuva
- Rejuva Lift
- NasoLift





# AETIOLOGY OF FACIAL AGEING

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The face is the most defining aspect of a person. Facial ageing reflects the cumulative effects of time on the skin, underlying tissue and bone. Changes are caused by both intrinsic/chronological ageing and extrinsic factors such as UV exposure and lifestyle choices.

## Cause

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- Loss of collagen and elastin<sup>4</sup>
- Decreased cross linking between fibroblasts and collagen fibrils<sup>4</sup>
- Lipoatrophy<sup>4</sup>
- Subcutaneous fat redistribution<sup>4,5</sup>
- Ligament weakening<sup>3,4,8</sup>
- Craniofacial bony resorption and remodelling<sup>4,8</sup>

## Effect

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- Loss of skin thickness and elasticity, sagging and relative excess of skin
- Wrinkling
- Hollowing of periorbital, malar and temporal regions
- Skin laxity
- Reduced support for soft tissues, deepening of nasojugal, nasolabial and nasomental creases
- Reduced skeletal projection and support

Elionce™ thread lift therapy seeks to restore the 3-dimensional youthful topography via minimally invasive facial rejuvenation.



# ORIGIN OF THE PROCEDURE

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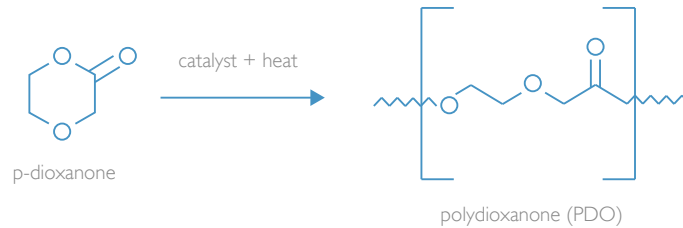
Thread therapy originates from oriental acupuncture techniques intended to control and improve tissue stimulation and muscle contraction via cellular mechanotransduction<sup>7</sup>. Elionce PDO threads are intended for lifting and rejuvenating the skin to promote a natural look. The threads work at three levels:

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1. Thread anchor points hold the tissue and provide lifting when tensioned
2. Mechanical stimulation of the cells in the skin (mechanotransduction<sup>7</sup>) via insertion of threads into the dermis or subcutaneous tissue, and
3. Via the biomedical properties of the PDO which, as the threads dissolve, promote the generation of collagen to maintain the lifting effect and improve skin tone.

# MATERIAL

Elionce™ threads are composed of the absorbable synthetic polymer PDO. Thread manufacture and extrusion is carried out to GMP and in accordance with national and international (93/42/EEC, KFDA GMP) regulations and standards (ISO 13485).



Elionce™ threads are certified as Class III products under the European Medical Device Directive with the CE Mark guaranteeing product quality and safety:

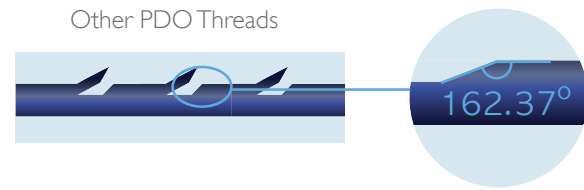
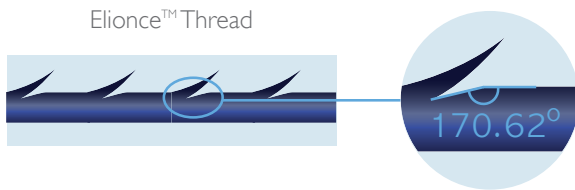
- Biocompatible
- Non-pyrogenic
- Naturally absorbed and excreted by the body over time
- Knotless
- Flexible
- Sterile
- Safe and effective with a history of over 2 million thread placements

# KEY ADVANTAGES OF ELIONCE™

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- Optimised premium PDO thread range with a 2-year shelf life
- Results lasting up to 18 months\*
- Elionce™ PDO threads are delivered using either fine gauge needles with a smooth electropolished blade and bevelled edge or carefully designed cannulas that help to reduce facial trauma.
- Elionce™ threads undergo a unique anti-humidity manufacturing process to ensure a stronger and longer lasting thread
- These premium biodegradable threads allow patients to undergo further treatments in the future and do not have the inherent problems associated with permanent threads that if misaligned may require removal.

\* Results may vary in patients and is dependent on patient selection and on the number/type of threads used.



Elionce™ threads have optimised cutting angles for greater anchoring (Rejuva 1 and 2)

Elionce™ Thread



REJUVA LIFT 1 - 0.7 mm between each anchoring points  
REJUVA LIFT 2 - 0.9 mm between each anchoring points

Other PDO Threads



1.3 mm between each anchor points

# ELIONCE™ RANGE

## NEEDLE

## CANNULA



Rejuva 1

Rejuva 2

Rejuva Eye

RejuvaLift 1

RejuvaLift 2

RejuvaLift 3

Nasolift





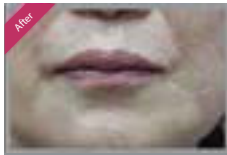


# BEFORE & AFTER

## REJUVA LIFT 1

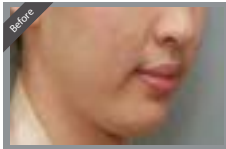


Pre-procedure



3 Months Post-procedure

## REJUVA LIFT 2

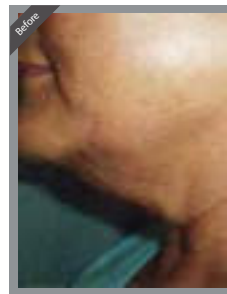


Pre-procedure

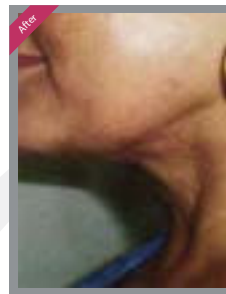


3 Months Post-procedure

## REJUVA LIFT 3



Pre-procedure



3 Months Post-procedure

# ELIONCE™ THREADS

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Elionce™ recognises that every face is different and no two individuals have the same needs. Our threads are designed to offer an optimised range allowing individualisation of treatment.

# REJUVA RANGE

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The Rejuva range provides skin firming and rejuvenating effects using high-quality, fine-gauge PDO threads inserted using a range of needles and cannulas

## REJUVA 1

A mono filament Elionce thread for mild lifting and correction of wrinkles and fine lines.

This fully biodegradable thread stimulates the micro-circulation, increasing oxygenation of the surrounding area leading to rejuvenation of the skin and encouraging firming and regeneration. Threads inserted into the adipose tissue can also achieve lipolysis.

Needle		Polydioxanone	
Gauge	Length (mm)	USP	Length (mm)
26G	90	5-0	160
27G	60	5-0	100
29G	38	6-0	60
	50		80
	60		100
30G	25	6-0	30
	38		60

• Monofilament thread • Fine gauge needle • Fully biodegradable  
• Skin rejuvenation • Lipolysis

### Suggested Treatment Areas

- Forehead • Periorbital • Perioral • Jawline • Submental



## REJUVA 2

An Elionce™ screw thread providing stronger tightening capability for use where higher levels of stimulation of the superficial musculoaponeurotic system (SMAS) layer and increased stimulation of collagen is required.

Rejuva 2 threads are stiffer than the mono-filament threads and therefore have a greater capacity for smoothing, stretching and volumising the skin

Needle		Polydioxanone	
Gauge	Length (mm)	USP	Length (mm)
27G	38	5-0	60
	50		80
	60		100
29G	38	6-0	60
	50		80
30G	38	6-0	60
Screw thread • Increased collagen stimulation • Skin volumising			

### Suggested Treatment Areas

- Nasolabial triangle
- Oral commissures
- Prejowl sulcus



## REJUVA EYE

Expressly designed for the delicate eye area, the L-cannula and fine gauge mono-filament thread ensure patient comfort. The L-cannula's rounded tip minimises blood vessel injury, reducing the risk of post-treatment bruising and oedema

The PDO thread encourages neo-collagenesis, neo-vascularisation and lipolysis, thus aiding periorbital rejuvenation.

L-Cannula		Thread	
Gauge	Length (mm)	USP	Length (mm)
30G	25	6-0	35
<ul style="list-style-type: none"><li>• Specially designed L-cannula</li><li>• Fine monofilament thread</li><li>• Periorbital rejuvenation</li></ul>			









# REJUVA LIFT RANGE

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The Rejuva Lift range offers a minimally invasive facial rejuvenation procedure with threads inserted via a range of cannulas (blunt, cannula-L or cannula-U) which are specially designed to minimise facial trauma. Once under the skin the threads' multiple 'Anchor Points' connect with the tissue and create an immediate and gentle face lift when tensioned. Elionce™ thread lifting using Rejuva Lift avoids the pain of surgical treatment and provides a natural-looking result.

## REJUVA LIFT 1

This Elionce™ PDO thread incorporates bi-directional Anchor Points generating a fixing effect in the upper area of the face and anchoring in the lower. Effects are apparent immediately after treatment and improve over time as collagen generation and fibrosis occur around the thread.

**Rejuva Lift 1**



Approximately 50% more anchor points on Elionce threads due to reduced distance between them

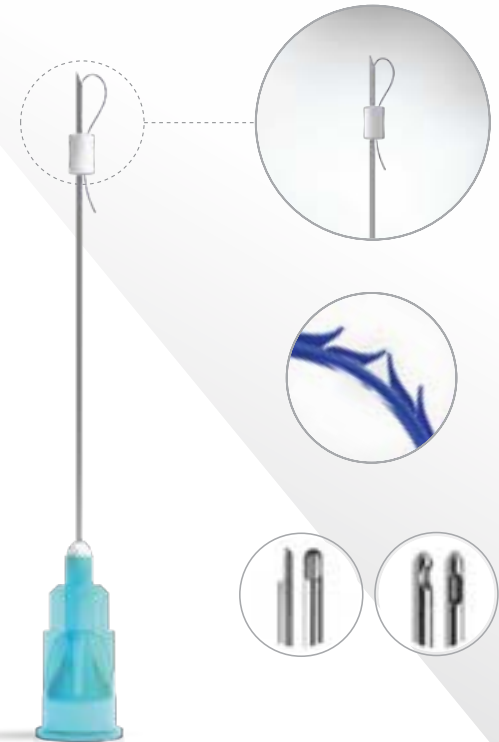
**Other PDO threads**



Cannula		Thread	
Gauge	Length (mm)	USP	Length (mm)
19G	100	1-0	150
21G	90	2-0	150
23G	90	3-0	150
<ul style="list-style-type: none"> <li>• Bi-directional anchor points • Optimised anchoring</li> <li>• Immediate effects improving over time</li> </ul>			

### Suggested Treatment Areas For Lifting

• Brow • Mid Face • Lower Face • Submental • Neck



## REJUVA LIFT 2

This specially designed thread comprises 360 degree helical Anchor Points providing greater tissue support in multiple directions.

The even distribution of force on the thread can also help to prevent skin tethering or 'dimpling'.

Cannula		Thread	
Gauge	Length (mm)	USP	Length (mm)
19G	100	1-0	150
21G	90	2-0	150
23G	90	3-0	150
• 360 degree helical Anchor Points • Greater tissue support and fixation in multiple directions • Decreased likelihood of 'dimpling'			

### Suggested Treatment Areas For Lifting

• Brow • Mid Face • Lower Face • Submental • Neck



## REJUVA LIFT 3

A new innovation, Rejuva Lift 3 is a PDO thread with special heart shaped Anchor Points that increase the effective tissue anchoring area. The closely positioned Anchor Points have only 1.25mm gaps helping to prevent any dimpling effects when the thread is tensioned.

These specially designed threads are manufactured using a proprietary moulding method that ensures a higher tensile and anchoring strength than other threads with cogs created by cutting into sutures.



Anchor points show  
no degradation at 60 days

Cannula		Thread	
Gauge	Length (mm)	USP	Length (mm)
18G	100	1-0	185
19G	100	2-0	185
<ul style="list-style-type: none"><li>• Heart-shaped Anchor Points with improved tissue contact</li><li>• Moulded Anchor points offer greater tensile and lifting strength</li><li>• Decreased likelihood of 'dimpling' • Lower degradation rate</li></ul>			







# NASOLIFT

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The NasoLift thread is specifically designed for nose reshaping and lifting which is inserted using a cannula.



## NASOLIFT

Offering a non-invasive alternative to rhinoplasty, this PDO Anchor Point thread can be used on the septum, dorsum, tip and ala of the nose.

Specially designed Anchors ensure effective fixing, anchoring and a natural post-procedural appearance.

Cannula		Thread	
Gauge	Length (mm)	USP	Length (mm)
19G	38	2	50
	50		50
21G	60	1-0	80

- Non-invasive rhinoplasty • Anchors designed to fix and hold
- Natural appearance post-treatment







# ELIONCE™ THREAD LIFT THERAPY

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## Patient Selection

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Patient selection is of paramount importance; the most suitable patients are men or women who do not want to undergo a surgical face lift but would like to return to a younger look. All potential patients must undergo an assessment of skin, facial frame and age.

Contraindications for thread lift therapy include:

- Auto-immune connective tissue diseases
- Hepatitis B and C
- HIV
- Pregnancy or breastfeeding
- Existing skin infection
- History of keloid scar formation
- Current anticoagulant medication

Once the procedure has been explained, the patient should read and sign the consent form for treatment.

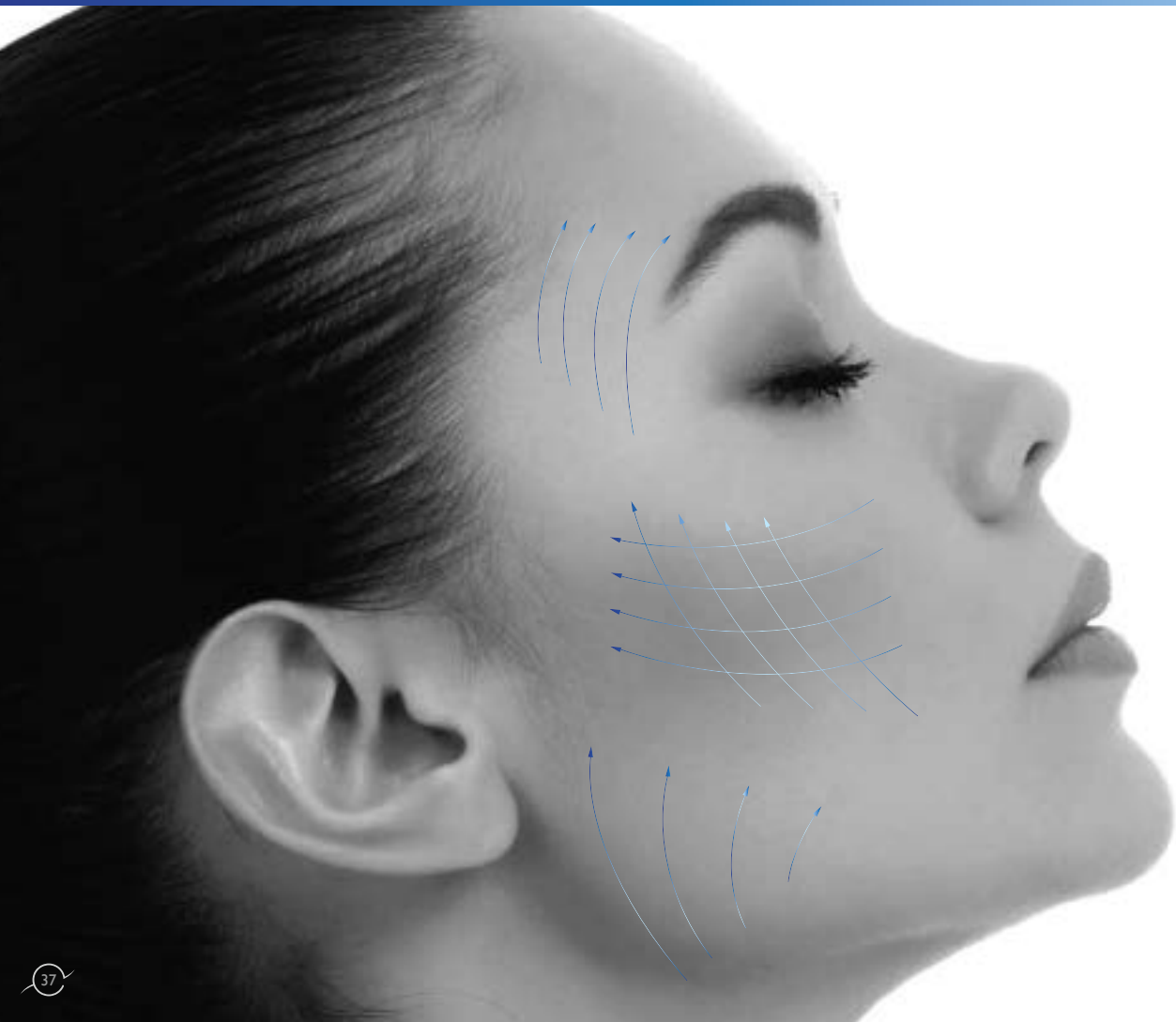
## The Procedure

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The objective of the Elionce™ thread lift procedure is to offer a natural-looking improvement to the skin and facial structure. Elionce™ thread lift therapy can be performed in a physician's office. This non-surgical procedure has been referred to as the '20-minute facelift', because of its immediate results, along with its minimal downtime.

The procedure involves insertion of the Elionce™ thread into the skin or subcutaneous fat depending on the indication, via a very fine needle or specifically designed cannula. The procedure is quick and simple to carry out and involves no cuts or incisions so there will be no lasting scarring. Injection of small amounts of local anaesthetic during thread placement ensures that the patient is comfortable and pain-free.

The patient will see immediate results, which will improve during the following days and weeks as Elionce™ and the body start to work by producing collagen, elastin and hyaluronic acid. This will continue to reverse the effects of ageing and stimulate wrinkle reduction, skin tightening, lifting and improve the general quality of the skin.



## Possible Side Effects

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Most side effects following the procedure are usually minor and can include bruising and swelling. In some cases, patients may experience temporary mild asymmetry or skin dimpling (uncommon). Rare side effects can include infection, thread migration/extrusion and transient paraesthesia.

## Patient Aftercare

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Following treatment, a cold compress can be applied to the area if required. Use of mild analgesics may be advised in case of any discomfort. The treated area can be washed gently after 4-5 hours. Patients are advised to avoid dental treatments, facial massage or facial aesthetic treatments in the week immediately following the procedure.

## Support For Practitioners

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Prior to carrying out Elionce™ thread lift therapy, all practitioners are recommended to attend a specific theoretical and practical training course provided by Elionce.

At Elionce™ we will support you in diversifying your practice by providing:

- Specialist training and advice in PDO thread lifting procedures

- A dedicated website: [www.elionce.com](http://www.elionce.com) with information for both physicians and patients

- Marketing materials for your clinic

- Educational Meetings and Events

## Next Steps

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If you want to learn more about Elionce™ thread lift therapy, our Expert physicians will be happy to answer any questions you may have. For general enquiries and orders please contact us on [info@elionce.com](mailto:info@elionce.com).

## References

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