

The safest choice
to achieve youthful skin
without invasive surgery

MINT™
Minimally Invasive Non-surgical Thread



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Stay connected with MINT PDO
 @mintlifteurope   Hansbiomed Europe Ltd

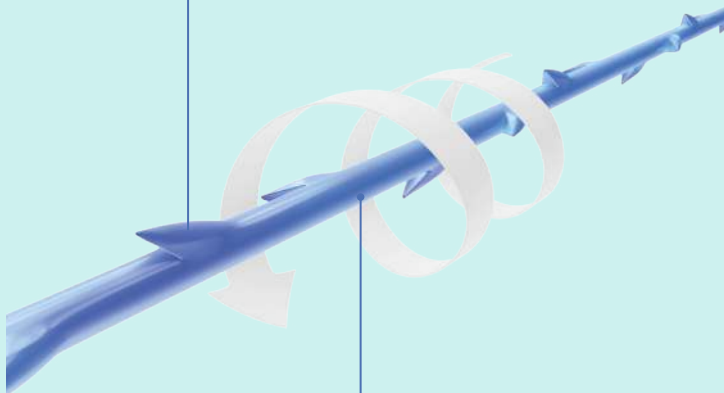
What is MINT™?

MINT™ is a lifting thread (facial tissue fixation thread) made of dissolvable material polydioxanone (PDO) with 360 degree, 3D helical barbs to pull and fixate skin tissue for wrinkle improvement. **It is a PDO (Polydioxanone) to deliver safe and outstanding results.**

Developed using patented moulding pressed technology, the helically positioned 360°, 3D barbs have high tensile and anchoring strength to provide superior results.

Anchoring Strength

The patented, helical moulded barbs of MINT™ provide powerful anchoring strength



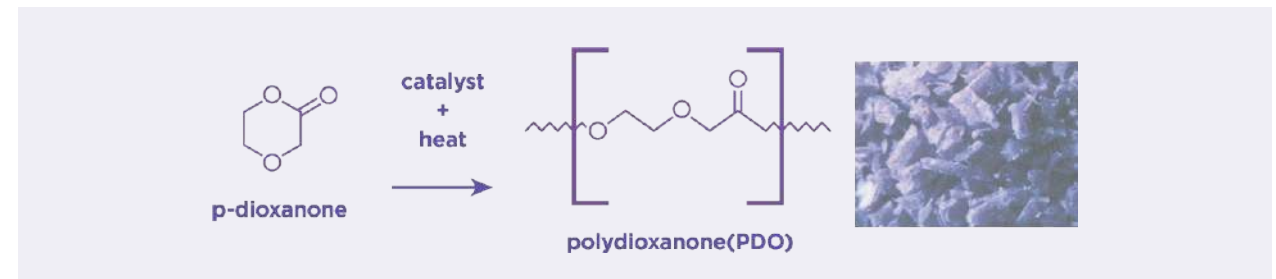
Tensile Property

MINT™ has high tensile property due to its uncompromised structural integrity from its unique moulding press technology

Face Lifting with MINT™ PDO thread: Contouring treatment for timeless rejuvenation

Threads contouring treatment has been available for more than 100 years. Polydioxanone (PDO) threads are not a new type of thread. This type of thread is safe and has less discomfort and downtime associated with its less invasive insertion technique.

What is PDO?



MINT™ PDO threads have moulded barbs around the threads in a unique 360 degree pattern. This design enables the moulded barbs to hold the tissues from all directions. This further contributes to their strength and long-lasting lifting power.

- Biodegradable via hydrolysis in 6-8 months
- A non-antigenic and nonpyrogenic polymer that causes minimal tissue reaction or adverse effect
- Studies show PDO induces various tissue changes and neocollagenesis
- Has a long safety track record in orthopedic & cardiovascular surgery

Instant, Natural & Quality Results that last without Invasive Surgery



Instant Results



Completed in 60 minutes



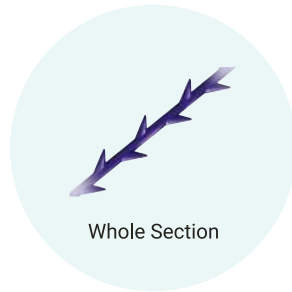
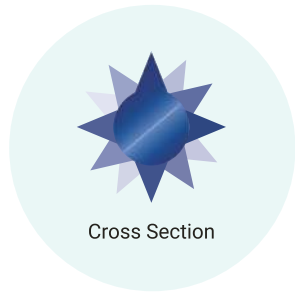
Minimal Downtime & Complications



Last up to 12-18 months

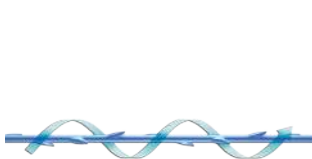
Patented Technology Patented Helical Moulding Structure

What are the features of the moulded 3D barb?

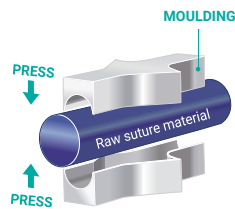


Helically moulded 3D barbs fix and support the skin tissue from all directions

What is Patented Moulding Press Technology?



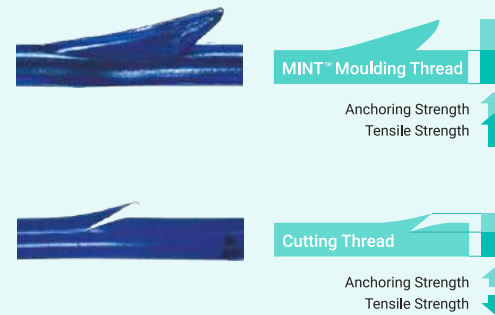
PDO Thread with 360 degree helical barbs to increase contouring effect



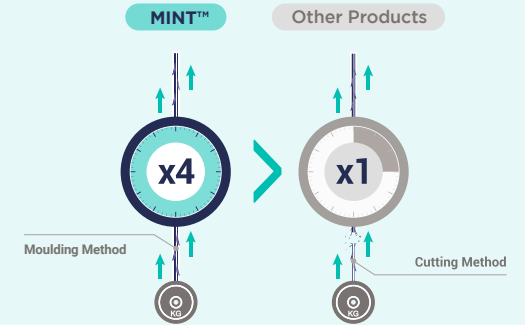
PDO Threads made through press moulding technology to produce barbs on the surface of the threads

3D Moulded barbs provide maximum anchoring and tensile strength

How is this different from other methods?



MINT™ is designed to increase tensile strength without damage to the thread



MINT™ is made by press moulding which is 4 times stronger than the cutting method

MINT™ Achievements

- MINT™ is a global brand with patents on manufacturing methods registered in 10 countries.
- MINT™ is a product currently and continuously exported all around the world.
- Global lifting certifications and registrations acquired internationally such as **FDA**, **CE**, and **CFDA** to assure excellent technological capabilities and safety.



US FDA
Registration



Europe CE
Certification Acquisition



Korea MFDS
Approval as facial tissue
fixation thread



China CFDA
Registration

Which area can be targeted?

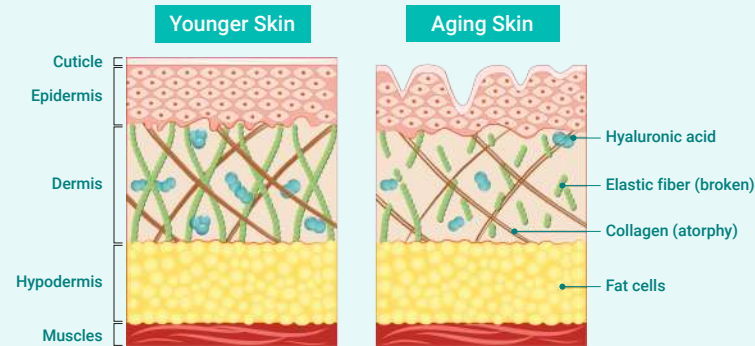
MINT™ PDO threads are highly effective for:



- ① Sagging Forehead or Droopy Eyebrows
- ② Sagging Eyelids or Cat-Eye Look
- ③ Sagging or Loss of Volume in Mid-Face and Cheek Areas
- ④ Bumps, Loss of volume or Asymmetric Nose
- ⑤ Low or Blunt Nasal Tip
- ⑥ Nasolabial Folds
- ⑦ Sagging Jowls
- ⑧ Double Chin or Heavy Neck
- ⑨ Sagging and Wrinkled Neck

Neo-collagenic Response

Thread placement mainly prolongs the production of type 3 collagen and type 1 collagen

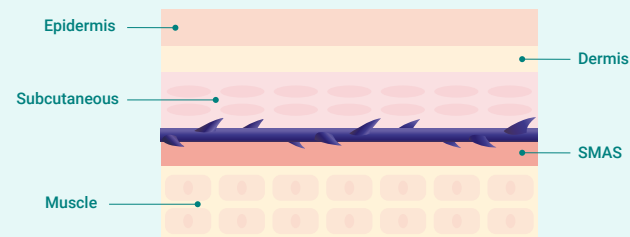


Collagen production begins on the second day, maximum collagen production begins after 5 days and wound healing is completed in 6 weeks.¹⁾

This is the neo-collagenic response to thread lifting and thread placement resulting in the production of type 3 collagen and type 1 collagen.²⁾

Depth

Layers of the skin; and the ideal placement of PDO threads



The subcutaneous or SMAS layers are ideal locations because they are deeper than the dermis and can anchor onto sagging skin tissue safely to approximate and make a difference.

If the threads are placed too superficially in the dermal plane, the correct degree of the lifting of the tissues and stimulate collagen production. If the PDO threads are placed too deeply, there is a risk of damage to the facial artery and vein, the facial nerve and other anatomical structures.³⁾

1. Mian, I. Factors involved in tissue-lifting threads, Journal of Aesthetic Nursing(2021), vol 10 issue6
 2. Nielsen MJ, Karsdal MA. Type III collagen. In: Karsdal MA (ed). Biochemistry of collagen, laminins and elastin. 2nd edn. London(UK): Elsevier;2016
 3. Mian, I. PDO Threadlifting, Journal of Aesthetic (2016), vol 3 issue5

Product Range MINT™ has a variety of products for personalised treatments to help target different areas

Lifting



	MINT™ FINE	MINT™ PETIT
Length	150mm	140mm
USP	2-0	2-0
Cog	Bi-direction	Bi-direction

Nose



	MINT™ UP	MINT™ TIP
Length	95mm	40mm
USP	2-0	2-0
Cog	Uni & Multi direction	Bi-direction

Fixation



	MINT™ FIX	MINT™ FIX-MINI
Length	150mm	60mm
USP	2-0	2-0
Cog	Multi-direction	Multi-direction

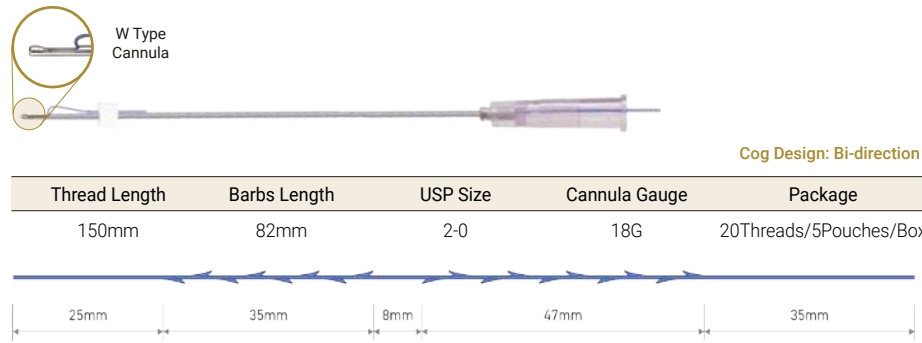
Double chin



	MINT™ EASY
Length	424mm
USP	1-0
Cog	Bi-direction

TWO Essentials for Face Lifting

MINT™
FINE



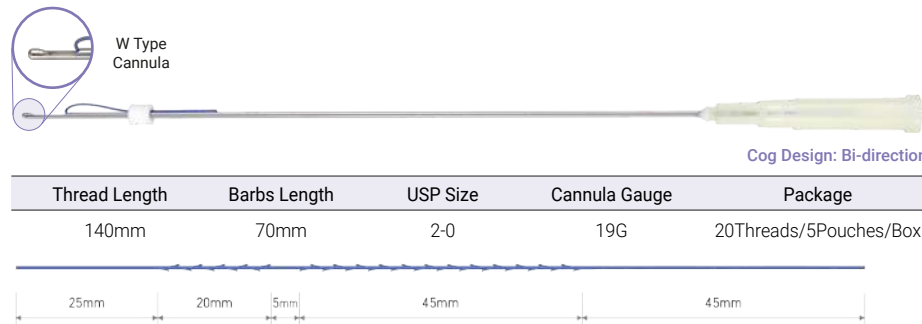
Special features

- W type cannula intergrated product to prevent damage to blood vessels and nerves
- Ease of anchoring through the Tie Technique due to the thin thread thickness
- Ease of procedure for various indications

Ideal candidates

- Patients with thin skin tissue
- Patients looking for a convenient procedure

MINT™
PETIT



Special features

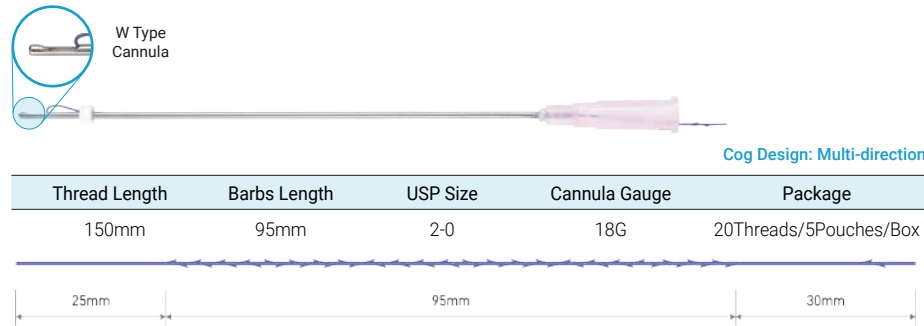
- Ease of performing procedures in localized area for which correction was difficult due to a short lifting section
- Can secure a long lifting section of 60mm in the event of reverse insertion

Ideal candidates

- Patients with thin skin tissue
- Patients looking for a convenient procedure
- Patients looking to improve the appearance of nasolabial folds and eyebrows

TWO Essentials for Fixation

MINT™
FIX



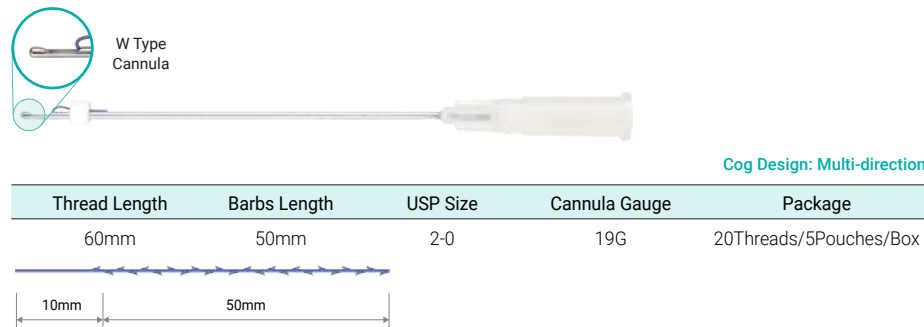
Special features

- Minimal breakage as a dissolvable, barbed fixation thread
- Increased longevity of lifting effects when used in combination with the standard MINT™ bi-directional threads

Ideal candidates

- Patients looking to maintain long lifting effects

MINT™
FIX-MINI



Special features

- Minimal breakage as a dissolvable, barbed fixation thread
- Increased longevity of lifting effects when used in combination with the standard MINT™ bi-directional threads
- Convenient to use as it is assembled in the same fashion as a MONO thread

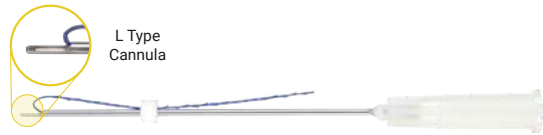
Ideal candidates

- Patients looking to maintain long lifting effects
- Patients looking to improve the appearance of nasolabial folds
- Patients looking for a convenient procedure

TWO Essentials for Nose Lifting

MINT™

UP



Thread Length	Barbs Length	USP Size	Cannula Gauge	Package
95mm	86mm	2-0	19G	20Threads/5Pouches/Box

43mm Uni-direction | 9mm | 43mm Multi-direction

Special features

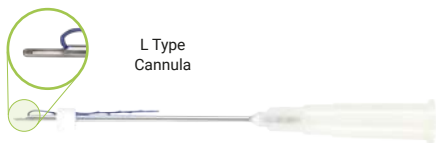
- Easy procedure with L-type cannula integrated product
- The thin nature of the thread makes it easier to achieve detailed contouring effects and prevents thread dehiscence after insertion
- Minimal thread migration due to the multi-directional cogs

Ideal candidates

- Patients wanting a defined nose bridge, eyebrow or nasolabial folds improvement through a simple procedure in place of with a non-invasive treatment

MINT™

TIP



Thread Length	Barbs Length	USP Size	Cannula Gauge	Package
40mm	34mm	2-0	19G	20Threads/5Pouches/Box

17mm | 6mm | 17mm

Cog Design: Bi-direction

Special features

- Easy procedure with L-type cannula integrated product
- The thin nature of the thread prevents thread dehiscence after insertion

Ideal candidates

- Patients wanting a defined nasal tip (columella of nose) through a simple procedure in place of with a non-invasive treatment

Essentials for Anchoring and Double chin

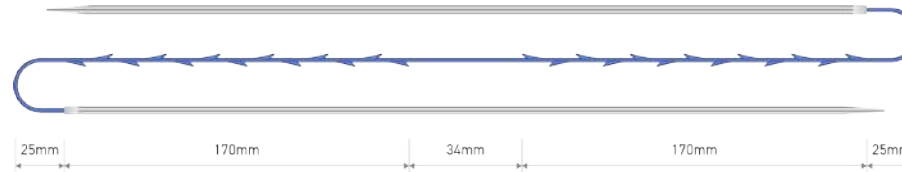
MINT™

EASY



Cog Design: Bi-direction

Thread Length	Barbs Length	USP Size	Needle Gauge	Package
424mm	340mm	1-0	19G	2Threads/1Pouch/Box



Special features

- Minimal breakage as a dissolvable, barbed fixation thread
- Increased longevity of lifting effects when used in combination with the standard MINT™ bi-directional threads

Ideal candidates

- Patients looking to improve their the heavy neck or double chin in the submental space

Lift your expectations,
Lift your confidence with MINT™ PDO



Essentials for Skin Rejuvenation

mono



MINT™ mono is a smooth thread that stimulates facial tissue to produce collagen, which volumises the skin.

*Package: 10pcs x 5 sterile bag 50pcs in a pouch

Needle Size (Gauge)	Needle Length (mm)	Thread Length (mm)	Needle Size (Gauge)	Needle Length (mm)	Thread Length (mm)
25G	38	50	27G	38	50
	50	70		50	70
	60	90		60	90
	90	150		25	30
26G	38	50	29G	38	50
	50	70		50	70
	60	90		60	90
	90	150		25	30
			30G	38	50
				50	70

mono screw



MINT™ mono screw is a smooth thread that is coiled, which stimulates the surrounding soft tissue to effectively regenerate collagen for skin volumising.

*Package: 10pcs x 5 sterile bag 50pcs in a pouch

Needle Size (Gauge)	Needle Length (mm)	Thread Length (mm)	Needle Size (Gauge)	Needle Length (mm)	Thread Length (mm)
25G	38	50	27G	38	50
	50	70		50	70
	60	90		60	90
	90	150		25	30
26G	38	50	29G	38	50
	50	70		50	70
	60	90		60	90
	90	150		25	30
			30G	38	50
				50	70

twin



MINT™ twin consists of two MINT™ mono threads that are twisted together. Its twist allows greater stimulation than a single smooth thread to synthesise collagen, which in turn results in more volume and skin rejuvenation.

*Package: 10pcs x 5 sterile bag 50pcs in a pouch

Needle Size (Gauge)	Needle Length (mm)	Thread Length (mm)
25G	38	50
	50	70
	60	90
	90	150
26G	38	50
	50	70
	60	90
27G	38	50
	50	70
	60	90

twin screw



MINT™ twin screw is comprised of twisting two MINT™ mono, which are already coiled. The two closely coiled threads stimulate more soft tissue, allowing greater collagen production and skin rejuvenation.

*Package: 10pcs x 5 sterile bag 50pcs in a pouch

Needle Size (Gauge)	Needle Length (mm)	Thread Length (mm)
25G	38	50
	50	70
	60	90
	90	150
26G	38	50
	50	70
	60	90
27G	38	50
	50	70
	60	90

BEFORE



AFTER



Full Face Lift with MINT™ Fine, Fix

BEFORE



AFTER



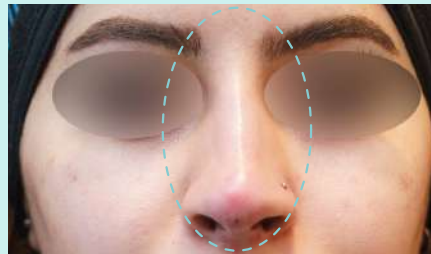
Full Face Lift with MINT™ Fine, Mono



Cat Eye & Eyebrow Lift with MINT™ Petit



Cat Eye & Eyebrow Lift with MINT™ Petit



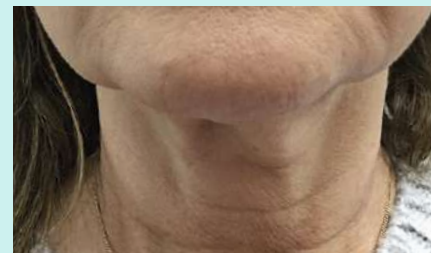
Nose Lift with MINT™ Up, Tip



Nose Lift with MINT™ Up, Tip



Neck Lift with MINT™ Fine



Neck Lift with MINT™ Easy, Fine, Mono