



SHANDONG HAIDIKE MEDICAL PRODUCTS CO.,LTD.

山东海迪科医用制品有限公司

Add: Tianfu Road, Dongcheng District, Shan County, 274300 Heze City, Shandong Province, China

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SUTURE



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Company Introduction:

Shandong Haidike Medical Products Co.,Ltd. is specializing in the production of medical consumables, established in 2012 with a registered capital of 30 million. The main products are absorbable surgical suture with needle (Plain / Chromic Catgut, PGA, PDO, PGLA, PGCL, etc.), non-absorbable surgical suture with needle (Silk, Nylon, Polyester, Polypropylene etc.), suture materials, cassette sutures and surgical needle (300SS and 400SS Series), lifting threads for beauty, medical facial mask, orthopedic casting tapes & splints, plaster, IV cannula, polypropylene meshes and absorbable bone nails and so on.

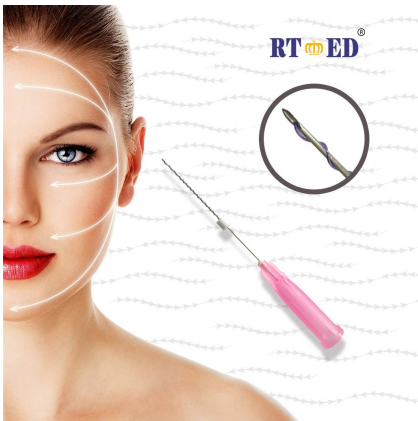
We have approved ISO13485 international quality system certificate, CE and FDA certificates, and obtained the "Medical Device Manufacturing Enterprise License" and "Medical Device Registration Certificate". We have Asia's largest catgut plant, and is the core enterprise of the surgical absorbable sutures characteristic industrial base in the National Torch Project. The products are exported to Asia, Europe, Latin America, Africa, Middle East and other more than 70 countries and regions all over the world.

Managing Director Mr. Cheng Guangqi is the "Taishan Industry Leading Talent" and has established long-term cooperative relations with domestic and foreign universities and research institutions such as Tsinghua University. Based on the corporate philosophy of "quality-oriented, technological innovation, integrity, creating a better future", we sincerely hope to cooperate with you to create a brilliant future!



Products introduction

Mono Lifting thread Beauty needle -Sharp needle



Needle Gauge: 26G/27G/29G/30G

Needle Length: 25mm/38mm/50mm/60mm/90mm

Thread Length: 30mm/50mm/70mm/80mm/120mm

Thread Gauge: 5-0, 6-0, 7-0

Package: 10pcsx2bags/pack

Origin of raw materials: Korea

Mono lifting thread is smooth and without barb, and mainly used for tightening facial skin, smoothing fine lines and improving skin condition.

Effect:

- Relax muscles and smooth wrinkles: when Mono threads is embedded in facial muscle layer, it can relax muscles. It is similar to Botox's principle of relieving muscle tension, so it has a good effect on improving fine wrinkles.
- Whitening and moisturizing: by improving the facial blood circulation, the skin is bright and white.
- Compact filling: After being buried in the face, the fibrous wrapping around the thread body can tighten the facial tissue and make the face smooth and plump.



Mono Screw Lifting Threads -Sharp needle



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Needle Gauge: 26G/27G/29G/30G**Needle Length: 25mm/38mm/50mm/60mm/90mm****Thread Length: 30mm/50mm/70mm/80mm/120mm****Thread Gauge: 5-0, 6-0, 7-0****Package: 10pcsx2bags/pack****Origin of raw materials: Korea**

Mono Screw has more obvious tightening effect. It is a common lifting thread for the face and body.

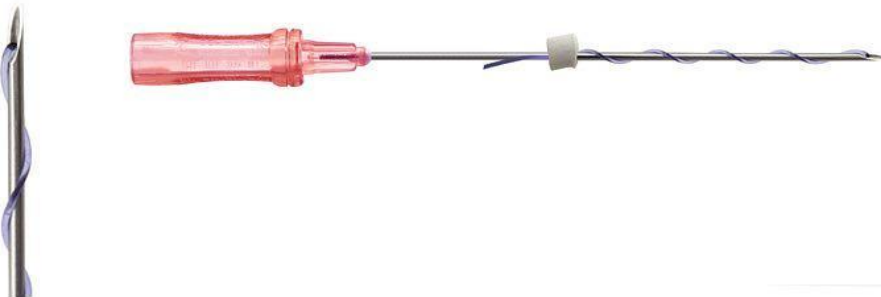
Effect:

Embedding the lifting thread into the skin can stimulate the deeper dermis to produce more fibrous connective tissue. Therefore, in improving mandibular contour, statutory lines, corners of mouth, eye circumference lines, forehead lines and other issues, compared with the general smooth line has a more obvious compact effect.

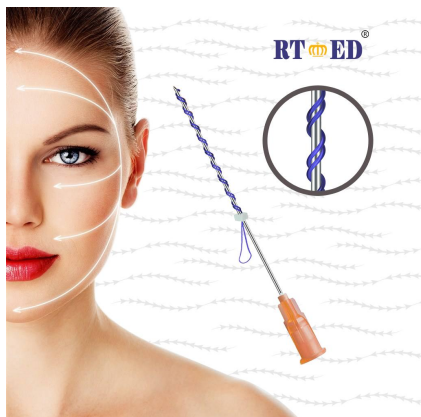
Mono Screw lifting thread can be used for the body, in the butterfly sleeve, abdomen, thigh, buttock shape, can also achieve twice the result with half the effort.

After being buried in the face, the fibrous wrapping around the thread body can tighten the facial tissue and make the face smooth and plump.

PDO POLYDIOXANONE
SCREW THREAD



Tornado Screw Lifting Threads -Sharp Needle

**Needle Gauge: 26G/27G****Needle Length: 38mm/50mm/60mm/90mm****Thread Length: 100mm/140mm/160mm/180mm****Thread Gauge: 7-0****Package: 10pcsx2bags/pack****Origin of raw materials: Korea**

Tornado Screw lifting threads are with sharp needles and the thread is PDO or PCL. Half of the two threads are worn in the needle tube, half of which is spirally fixed outside the needle tube, and fixed with foam. Compared with Mono screw lifting thread, the tornado screw lifting thread has longer duration and the effect is more obvious. The beauty needles are all produced in the aseptic workshop with 100,000 grade cleanliness. The environment is strictly controlled in the normal environment of the production of beauty needles, which is safe and reliable.

What is 3D screw beauty? Is there really no need to operate the 3D screw beauty?

The 3D screw lifting thread is a kind of special collagen biological line, which is wrapped around the special needle in a three-dimensional spiral shape, and can be injected into specific parts of skin tissue, so that the protein line remains and exerts a variety of skin cosmetic effects, such as tightening the skin, improving the shape, anti-wrinkle and anti-aging.

Special advantages of 3D screw:

The traditional protein line exists in the skin tissue in linear form, which has the disadvantage of monotonous effect and small influence area. However, the 3D screw adopts a new technology to make the three-dimensional shape of the protein line exist in the skin tissue and the area of action is greatly increased, which not only increases the effect of tightening the skin but also can better maintain the local morphology. These advantages are unique.

Is there any restriction on using 3D screw to tighten skin?

You may ask: under what circumstances can a 3D screw be made? Micro plastic experts say that it is called "3D", the main three effects are "3D": DEEP wrinkles, DOWN sagging and DARK skin. For those seeking beauty, such as forehead wrinkles, legal wrinkles and deep wrinkles around the eyes, 3D spirals can be used to tighten the skin. The skin is slightly flabby and droopy, as well as the middle-aged and young beauty seekers who have plastic



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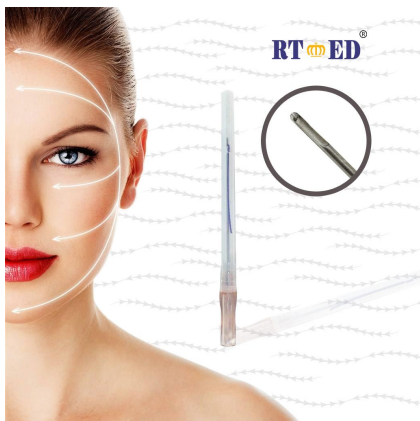
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needs, and 3D screw is also very effective.

In addition, in addition to the face, other parts such as the chest, upper arm, thigh, hip, and so on, it is ok to use the 3D screw to lift and tighten the skin. If you like, the 3D screw can help you deal with the signs of aging!

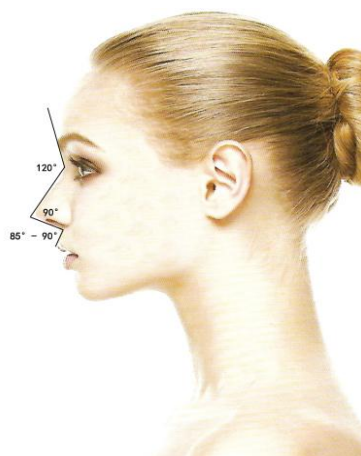
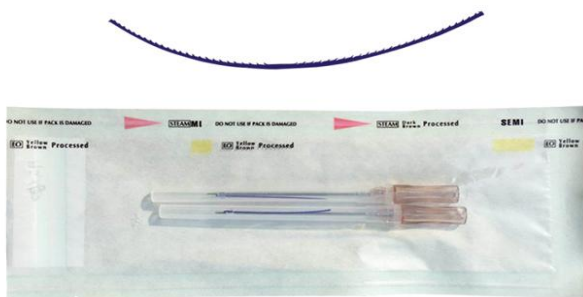
COG 2-1 L-type 19G-38mm/60mm



- Needle Gauge: 19G**
- Needle Length: 38mm/60mm**
- Thread Length: 50mm/80mm**
- Thread Gauge: 2#**
- Package: 2pcsx10bags/pack**
- Origin of raw materials: Korea**

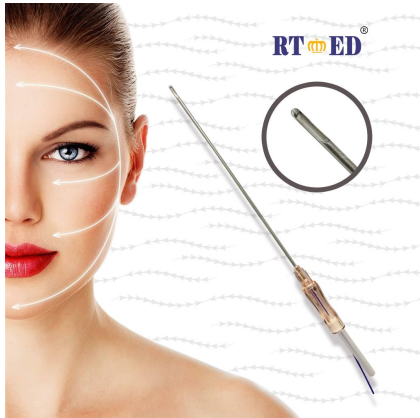
COG 2-1 L-type lifting threads are used for nose reshaping and designed with L semi blunt needle, which can effectively reduce bruising and swelling.

COG 2-1 19G-60mm is mainly used for shaping the bridge of the nose. The COG 2-1 lifting threads are made of the PDO USP 2 and have both sides with barbs. So when we introduce them into the nasal periosteum, the barbs will have better lifting and shaping effect on nose. When inserted into the bridge of the nose, in addition to the excellent supporting effect of the threads body itself, a large amount of collagen will be formed in the long term, so as to achieve the long-term effect of high bridge.



COG 2-1 19G-38mm lifting threads are mainly used for shaping the nasal columella and made of the PDO USP 2 and have both sides with barbs. Itself has strong supporting power. Therefore, when the nasal septum cartilage is introduced, the double sides barbs will tightly fasten the surrounding tissues to achieve the effect of pulling out the nasal columella.

COG 3D W-type 18G-100mm/ 19G-100mm



Needle Gauge: 18G/19G
Needle Length: 100mm
Thread Length: 150mm
Thread Gauge: 1#, 2#
Package: 2pcsx10bags/pack
Origin of raw materials: Korea

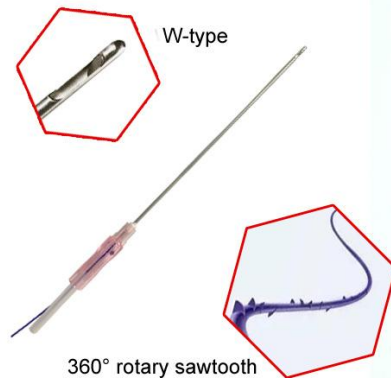


COG 3D lifting threads 18G-100mm and 19G-100mm are designed with blunt needles. The handle of 18G-100mm is pink and the type of the lifting threads are 2#. The handle of 19G-100mm is brown, and the type of the lifting threads are 1#. They can be introduced into deep fatty or SMAS fascia layer, also known as the greater V line.

COG 3D W type can replace the traditional skin-lifting operation. The threads are barb on both sides 360° rotating cutting. Therefore, when introduced into the subcutaneous fascia layer, the 360 ° rotating barbs will lift up the sagging and loose tissue, so the symptoms of facial sagging are greatly improved.



名称	主要成分	针型	型号、针长	直径	线长	包装规格
COG 3D	PPDO	L-type	19G*100mm	1	150mm	2pcs×10bag/pack
			18G*100mm	2	150mm	2pcs×10bag/pack

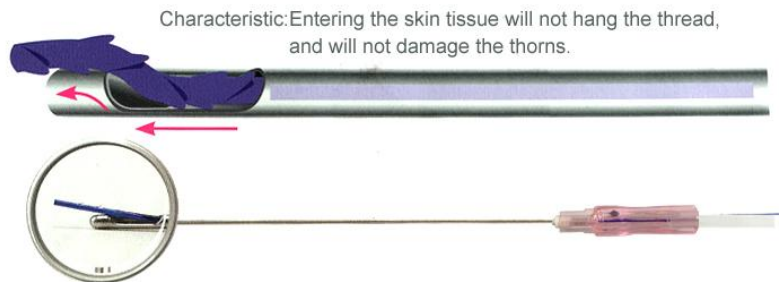


Introduction PDO lifting threads for beauty needle:

PDO threads appeared in the 1970s. It is a synthetic mono filament thread. PDO thread can hardly cause bacterial infection. It is considered to be the safest surgical thread. Through the foreign body effect, the wrinkle-removing effect and collagen-promoting effect of PDO implantation in human body can last for 6 months. After that, it will be decomposed into water and carbon dioxide, completely absorbed by the body, leaving no residue. The PDO thread can also be used for embedding therapy at acupoints besides beauty needle. According to the theory of acupuncture and moxibustion, the biophysical and biochemical changes in acupoints produced by needles and medicines, stimulation information and energy are transmitted into the body through meridians, and a combination of multiple effects is integrated.

Introduction of the beauty needles:

- Pinhole: after special electrolytic processing, the surface is smooth.
- Needles: a specially processed micro needle is used to minimize pain and side effects.
- Coating special silicone: smooth during the operation.
- Handle: ergonomically designed Hub, different Gauge, different colors.



Blunt Needle for Eye 30G-25mm



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Needle Gauge: 30G

Needle Length: 25mm

Thread Length: 30mm

Thread Gauge: 7-0

Package: 10pcsx2bags/pack

Origin of raw materials: Korea

The beauty needle of 30G-25mm PDO lifting thread is used around the eyes. The thread is a smooth line and with the blunt needle.

Blunt needle for eye can solve dark fundus, fundus fat, loose bags, and remove fine wrinkles of fundus. The blunt needles for 30G-25mm beauty needle effectively relieve pain, swelling, relatively less irritation, and minimize the harm to the wound.

PDO POLYDIOXANONE
EYE THREAD



Polydioxanone (PDO) is a kind of synthetic threads, which is a typical biodegradable material. It has excellent hydrolysis and biodegradability, biocompatibility, bioabsorbability, flexibility and tensile strength. It has been approved by FDA and CFDA of the United States as absorbable surgical suture material. The PDO thread has been certified by CFDA and is very safe. It can be completely metabolized into carbon dioxide and water after 180 days without residue. Within 180 days, it can be used as a dendritic scaffold for cell growth in vivo, stimulating the skin to regenerate along the scaffold into a self-supporting structure composed of collagen and elastic fibers, thus forming its own lifting force against sagging and playing a lasting role.

The skin around the eyes is the most vulnerable position of the face, water shortage, aging and laughter will make the eye perimeter ugly fine lines fishtail lines. So how did eye wrinkles come into being?

Fishtail lines are usually the result of the expression movement of orbicularis oculi muscle, resulting in collagen layer dermis breakage or compression depression, and some are due to dry skin, resulting in cracking fine lines. Usually, these wrinkles are fan-shaped from inside to outside, and are deep and shallow, with wide and deep wrinkles near their eyes.

General anti-aging beauty experts suggest that removal of eye wrinkles can be done by lifting carving. The blunt needle for eye is placed on the eye pattern, and the wrinkles around the eye are smoothed by the pulling and

filling of the protein line. Because the unique design of the lifting thread can greatly reduce the bruising and swelling caused by line carving.

The use of lifting thread to remove eye wrinkles:

1. Epidermic anaesthesia
2. The scope of disinfection is centred around the puncture point, surrounded by 10-15cm.
3. The operation brush is used to design the operation site, and the buried line of the wrinkles under the frame is designed with multi-level well-shaped wiring.
4. Embedding the lifting thread into the corresponding part.



Multi Threads 23G-38mm/60mm L-type



Needle Gauge: 23G

Needle Length: 38mm/60mm

Thread Length: 50mm/90mm

Thread Gauge: 5/0

Package: 2pcsx10bags/pack

Origin of raw materials: Korea

The multi threads lifting threads are specially used for filling the facial deep depression.

The multi threads lifting threads are with semi-blunt needles to reduce bleeding, pain and swelling. 7 strands PDO threads USP 5-0 are folded into 14 strands, two of which are in the needle tube, and the remaining strands are outside the needle tube. The Multi threads can replace the large / medium molecule hyaluronic acid. It is especially suitable for the use of laugh lines, puppet wrinkles, forehead wrinkles, fishtail lines, eye bags and so on. After implanted in the skin, the PDO stands outside the needle tube will disperse and occupy more cortical space,

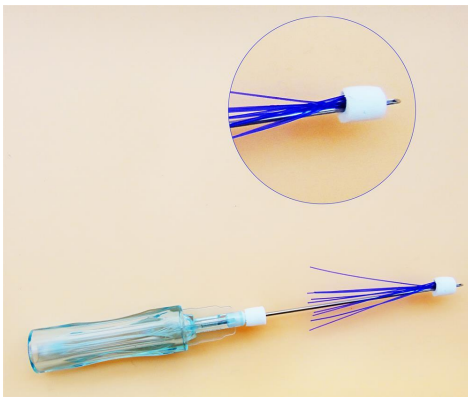


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so the filling effect is better.



- Forehead 23G-38/60mm
- Crow's feet/Eye bag/Eye angle lifting 23G-38mm
- Face 23G-38/60mm
- Nasolabial folds/Corners of the mouth 23G-60mm

	23G-38mm Needle length: 38mm Thread length: 50mm Thread gauge: 5-0		23G-60mm Needle length: 60mm Thread length: 90mm Thread gauge: 5-0
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23G-38mm Cervical Stripe



VSORB 21G-110mm/18G-110mm



- Needle Gauge: 18G/21G
- Needle Length: 110mm
- Thread Length: 290mm/440mm
- Thread Gauge: 2, 2/0
- Package: 1pc/pack
- Origin of raw materials: Korea

VSORB is made of a polydioxanone (PDO) lifting thread and two sharp needles. And has the effect of pulling tight and so on. It is also a tool commonly used in micro plastic. VSORB is a local lifting thread. It is suitable for lifting

forehead, crow's tail, statutory lines and corners of mouth. It can be fixed on the side. It can not only lift eyebrow shape, but also remove wrinkles, lift drooping eye skin, so that the eye is more spiritual. Line carving eyebrow can avoid the trauma of surgical brow, and recover quickly after operation.

**Characteristics of VSORB:**

Vsorb lifting thread is made of high-quality PDO absorbable thread imported from Korea. The barb is evenly distributed at 360 degree, and the force is more uniform. The barb edge has a certain slope, the end is sharp, can be imported into the subcutaneous fascia tissue, each small barb can close to the specific parts of the soft tissue in the body, using the opposite direction of the two ends of the line to make the lower end of the loose tissue upward.

The needles are made of high quality stainless steel and and have smooth appearance.

Effect of VSORB:

- VSORB can beautify eyebrows, eliminate wrinkles and make eyes bigger.
- Correction of double eyelid, triangular eyes or unsatisfactory forehead lifting.
- It can remove excess fat from naturally swollen eyes to avoid the second pain of double eyelid surgery.



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