

RT[®]ED
SUTURE

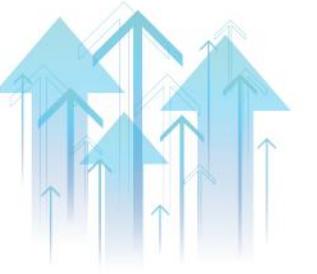


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SHANDONG HAI DI KE MEDICAL PRODUCTS CO.,LTD.



CATALOGUE

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HAIDIAN MEDICAL



Shandong Haidike Medical Products Co., Ltd. is a leading and world famous medical devices manufacturer with ISO13485, ISO14001, ISO45001, BGMP, CE, FDA, FSC and NMPA certificates. "RTMED" and "Haidike" are registered trademark and protected under the Madrid Agreement.

- ◆ Absorbable and nonabsorbable surgical sutures
- ◆ Lifting threads for plastic surgery
- ◆ Hernia repair meshes
- ◆ Trocars and stapler series for minimally invasive surgery (MIS)
- ◆ Orthopedic casting tapes & splints
- ◆ Electric wheelchair & Manual wheelchair
- ◆ Veterinary surgical supplies
- ◆ Medical protection products etc.

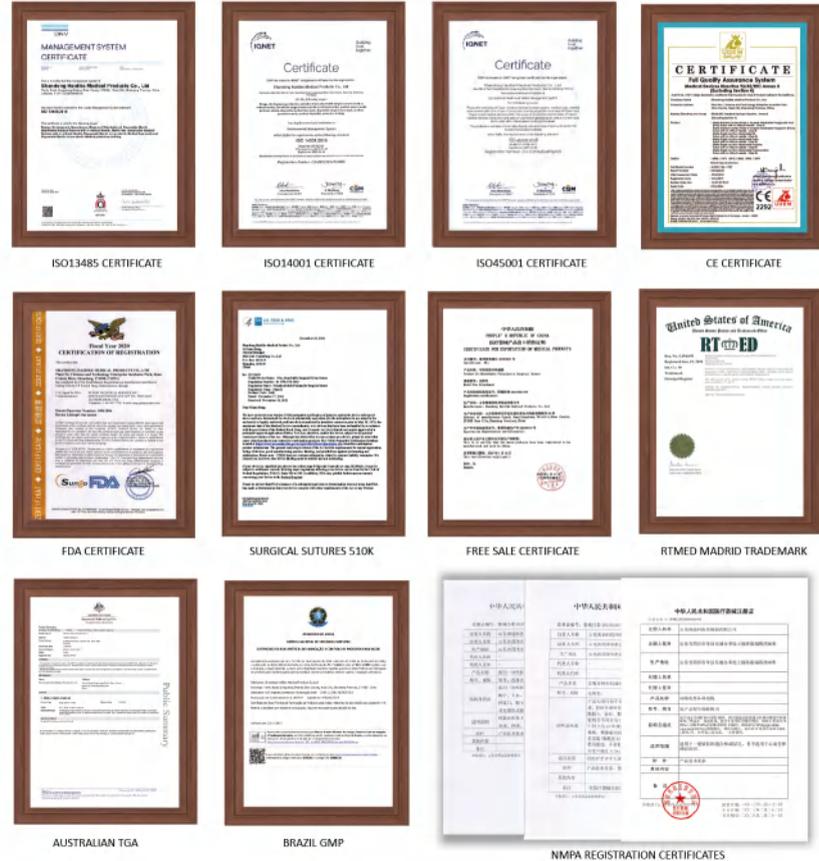


160+ countries
Global customers' recognition

15+ certificates
Comprehensive quality management system

20+ years
Abundant sutures production experience

300,000+ pieces
High efficient daily production capacity



A New Generation of NEEDLES

300/400 stainless steel

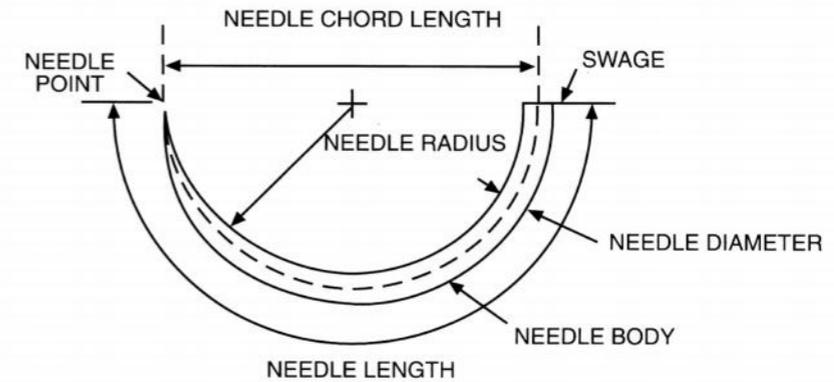
Golden Needle: Global exclusive PGLA sutures with golden needle

Black needle: China's first PGLA suture with black needle

Silver needle: China first company to differentiate needles shape for different departments

- Strong hardness
- Outstanding sharpness
- Excellent tenacity and ductility
- Atraumatic passage through tissues
- Excellent stability in the needle holder
- Superior resistance to bending and breakage
- Smooth penetration even after multiple stitches

SUTURE NEEDLE



Needle Curvature



Needle Shapes

 <p>Round bodied Round Bodied needles are designed to separate tissue fibres rather than cutting them.</p>	 <p>Microfine spatula This needle has a thin, flat profile which allows the needle to penetrate between the layers of scleral or corneal tissue.</p>
 <p>Curved cutting It has a triangular cross section with the apex of the triangle on the inside of the needle curvature, very sharp and cuts rather than dilate.</p>	 <p>Blunt point This needle has been designed for suturing extremely friable tissue such as the liver.</p>
 <p>Reverse cutting The body of this needle is triangular in cross section, having the apex cutting edge on the outside of the needle curvature.</p>	 <p>Straight The needles can be used for suturing without requiring the use of a needle holder, as long as the suturing area offers good visibility.</p>
 <p>Taper cutting This needle combines the initial penetration of a cutting needle with the minimised trauma of a round bodied needle.</p>	 <p>Black needle The black needles have been designed to give outstanding visibility against tissue and where blood is present in the operating field.</p>

	THREADS		NEEDLES
	THREADS TYPE	THREADS DIAMETER	
ABSORBABLE	POLYGLYCOLIC ACID (size: 5-8/0)	PGA	● 1/2 circle round bodied
	POLYGLYCOLIC ACID RAPID (size: 5-8/0)	PGAR	● 3/8 circle round bodied
	POLYGLYCOLIC ACID PLUS (size: 5-8/0)	PGA+	▲ 1/2 circle curved cutting
	POLYGLACTIN 910 (size: 2-8/0)	PGLA	▲ 3/8 circle curved cutting
	POLYGLYGLACTIN 910 RAPID (size: 2-8/0)	PGLAR	▼ 1/2 circle reverse cutting
	POLYGLYGLACTIN 910 PLUS (size: 2-8/0)	PGLA+	▼ 3/8 circle reverse cutting
	POLYDIOXANONE (size: 2-7/0)	PDO	● straight round bodied
	POLYDIOXANONE RAPID (size: 2-7/0)	PDOR	▲ straight curved cutting
	POLYDIOXANONE PLUS (size: 2-7/0)	PDO+	⊙ 1/2 circle taper cutting
	CHROMIC CATGUT (size: 4-7/0)	CC	⊙ 3/8 circle taper cutting
	PLAIN CATGUT (size: 4-7/0)	PC	⊙ blunt point
	POLIGLECAPRONE 25 (size: 2-6/0)	PGCL	▼ 1/2 circle spatula curved
	POLIGLECAPRONE 25 RAPID (size: 2-6/0)	PGCLR	▼ 3/8 circle spatula curved
	POLIGLECAPRONE 25 PLUS (size: 2-6/0)	PGCL+	● 1/4 circle round bodied
			● 1/2 circle round bodied heavy
	NON-ABSORBABLE	SILK (size: 4-6/0)	SK
NYLON (size: 4-12/0)		NL	— double needles
POLYPROPYLENE (size: 3-7/0)		PP	
POLYESTER (size: 4-7/0)		PB	
Ultra High Molecular Weight Polyethylene (UHMWPE) (size: 5-7/0)		UHMWPE	
PTFE (size: 2/0-6/0)		PTFE	

THREADS DIAMETER	THREADS LENGTH	NEEDLES
10/0	15cm	A
9/0	30cm	B
8/0	45cm	C
7/0	60cm	D
6/0	70cm	E
5/0	75cm	F
4/0	90cm	G
3/0	100cm	H
2/0	125cm	I
0	150cm	J
1	180cm	K
2	200cm	L
3	250cm	M
4	300cm	N
	400cm	O
	50cm	P
	20cm	Q

PGA 20 F 01 -2

PGA20F0126-2

Polyglycolic Acid 2/0 75cm 1/2 circle round bodied double needles 26mm

HOW TO READ A SUTURE LABEL

The diagram illustrates the components of a suture label. Key information includes:

- USP** and **EP** (End Point) markings.
- Sutures**: RT[®]ED[®] USP 2 (5 Metric) POLYGLACTIN.
- Structure & Color**: Synthetic Braided Violet, REV: A/3 EP9.0.
- Needle specification**: 3/8 Circle reverse cutting 40mm.
- Quantity Per Box**: 12 pcs.
- Suture Length**: 75 cm.
- Batch Number**: 241221HDK.
- Manufactured Date**: 241221.
- Expiration Date**: 271220.
- Sterilization method**: STERILE EO.
- Other markings**: CE 0477, LOT, SN, and UDI Code (01)06971642805848.

PGA POLYGLYCOLIC ACID



Properties:

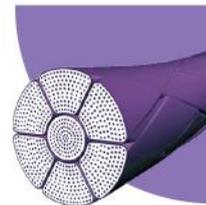
Structure: Multifilament, Braided
 Colour: Violet, Undyed
 Chemical composition: Polyglycolic acid
 Coating: Polycaprolactone + Calcium Stearate
 Sizes: USP 8/0 - USP 4
 Type of absorption: Hydrolysis
 Sterilization: Ethylene Oxide
 Absorption: 60 - 90 days

Advantages:

- High initial tensile strength
- Excellent knotting ability
- Reliable absorbability
- Easy to handle
- Outstanding holding power through the critical wound period
- Smooth surface, slides smoothly through the tissue



PGLA POLYGLACTIN 910



Properties:

Structure: Multifilament, Braided
 Colour: Violet, Undyed
 Chemical composition: Poly(glycolide-co-l-lactide 90/10)
 Coating: Poly(glycolide-co-l-lactide 30/70) + Calcium Stearate
 Sizes: USP 8/0 - USP 2
 Type of absorption: Hydrolysis
 Sterilization: Ethylene Oxide
 Absorption: 56 - 70 days

Advantages:

- High tensile strength
- Smooth tissue passage
- Easy knotting and tie down
- Excellent knot security
- Reliable absorbability



PDO POLYDIOXANONE



Properties:

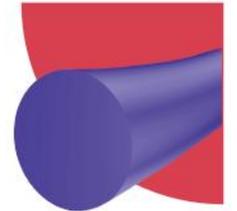
Structure: Monofilament
 Colour: Violet, Undyed
 Chemical composition: Poly (p-dioxanone)
 Sizes: USP 7/0 - USP 2
 Type of absorption: Hydrolysis
 Sterilization: Ethylene Oxide
 Absorption: 180 - 210 days

Advantages:

- High initial tensile strength
- Prolonged wound support
- Minimal tissue reaction
- Lower incidence of infection and trauma due to smooth surface



PGCL POLIGLECAPRONE 25



Properties:

Structure: Monofilament
 Colour: Violet, Undyed
 Chemical composition: Poly (glycolide-co-caprolactone)
 Sizes: USP 6/0 - USP 2
 Type of absorption: Hydrolysis
 Sterilization: Ethylene Oxide
 Absorption: 90 - 120 days

Advantages:

- High initial tensile strength
- Easy handling
- Smooth passage through tissue
- Excellent knotting ability



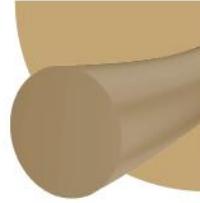
CHROMIC CATGUT

Properties:

Colour: Brown
 Composition: Purified connective tissue
 Sizes: USP 7/0 - USP 4
 Type of absorption: Proteolysis
 Sterilization: Gamma radiation
 Absorption: 90 - 100 days

Advantages:

- High tensile strength
- Excellent handling properties
- Minimal tissue reaction
- Uniform absorption



PLAIN CATGUT

Properties:

Colour: Beige
 Composition: Purified connective tissue
 Sizes: USP 7/0 - USP 4
 Type of absorption: Proteolysis
 Sterilization: Gamma radiation
 Absorption: 60 - 70 days

Advantages:

- High tensile strength
- Smooth tissue passage
- Easy knotting and tie down
- Excellent knot security
- Reliable absorbability



SILK

Properties:

Structure: Braided
 Colour: Black, White
 Composition: Natural silk filaments
 Coating: Silicon / wax
 Sizes: USP 8/0 - USP 4
 Sterilization: Ethylene Oxide

Advantages:

- Excellent handling properties
- High tensile strength
- Highly smooth and flexible
- Good knot security



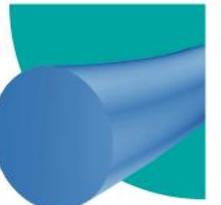
POLYPROPYLENE

Properties:

Structure: Monofilament
 Colour: Blue
 Chemical composition: Polypropylene
 Sizes: USP 7/0 - USP 3
 Sterilization: Ethylene Oxide

Advantages:

- High tensile strength
- Smooth tissue passage
- Easy and secure knotting
- Minimal acute inflammatory reaction in tissues
- Excellent and permanent tissue support



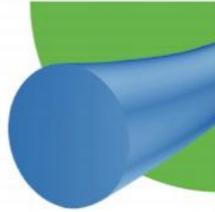
NYLON

Properties:

Structure: Monofilament
 Colour: Blue, Black
 Chemical composition: polyamide 6 - 6.6
 Sizes: USP 12/0 - USP 4
 Sterilization: Ethylene Oxide

Advantages:

- High tensile strength
- Smooth tissue passage
- Easy and secure knotting
- Excellent and permanent tissue support



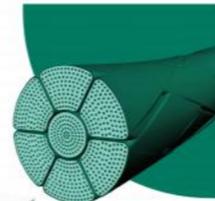
POLYESTER

Properties:

Structure: Braided
 Colour: Green, White
 Chemical composition: Polyethylene terephthalate
 Coating: Silicon
 Sizes: USP 6/0 - USP 4
 Sterilization: Ethylene Oxide

Advantages:

- High tensile strength
- Excellent handling properties
- Minimal tissue reaction
- Good knot security



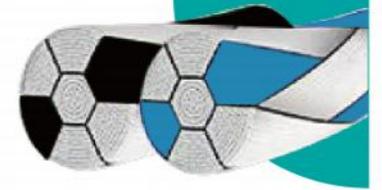
Ultra High Molecular Weight Polyethylene (UHMWPE)

Properties:

Structure: Braided
 Colour: White, white+blue, white+black, white+green
 Chemical composition: Polyethylene
 Sizes: USP 7/0 - USP 5
 Sterilization: Ethylene Oxide

Advantages:

- Extremely strong, flexible and smooth
- Outstanding tensile strength
- Minimal inflammatory reaction



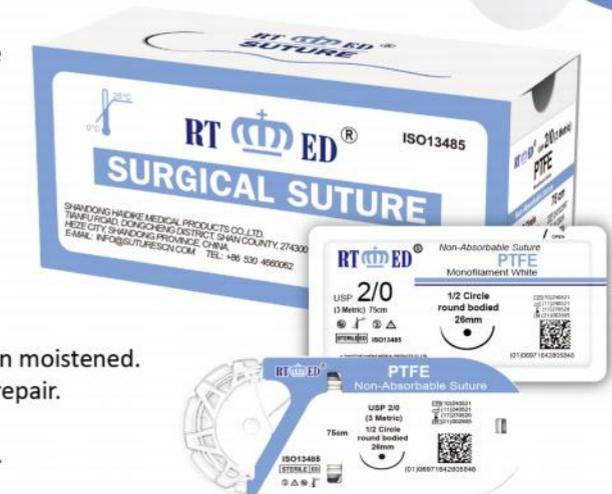
PTFE

Properties:

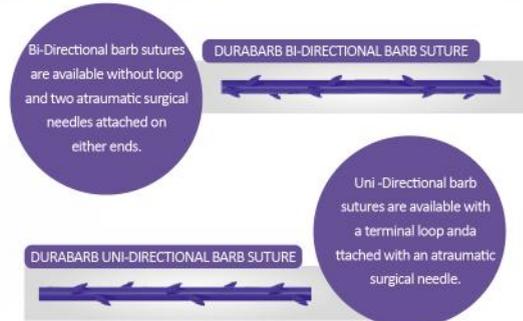
Structure: Monofilament
 Colour: White
 Chemical composition: polytetrafluoroethylene
 Sizes: USP 2/0 - 6/0
 Sterilization: Ethylene Oxide

Advantages:

- High tensile strength; does not weaken when moistened.
- Decreased inflammation and faster wound repair.
- Soft, comfortable for patients.
- Great handling properties and knot security.



PDO/PP barbed sutures



PDO barbed suture is a knotless wound closure device composed of synthetic absorbable monofilament polydioxanone. Barbs are designed and arranged in a spiral manner on the surface at an angle of 72°.

- Wound closure is faster as the time is saved for knotting and it is easy for the surgeons than conventional sutures.
- Eliminates the chance of suture knot breakage, avoids the need of consistently monitoring the tension of the suture.
- Better cosmetic results, patient comfort.

Absorption Profile

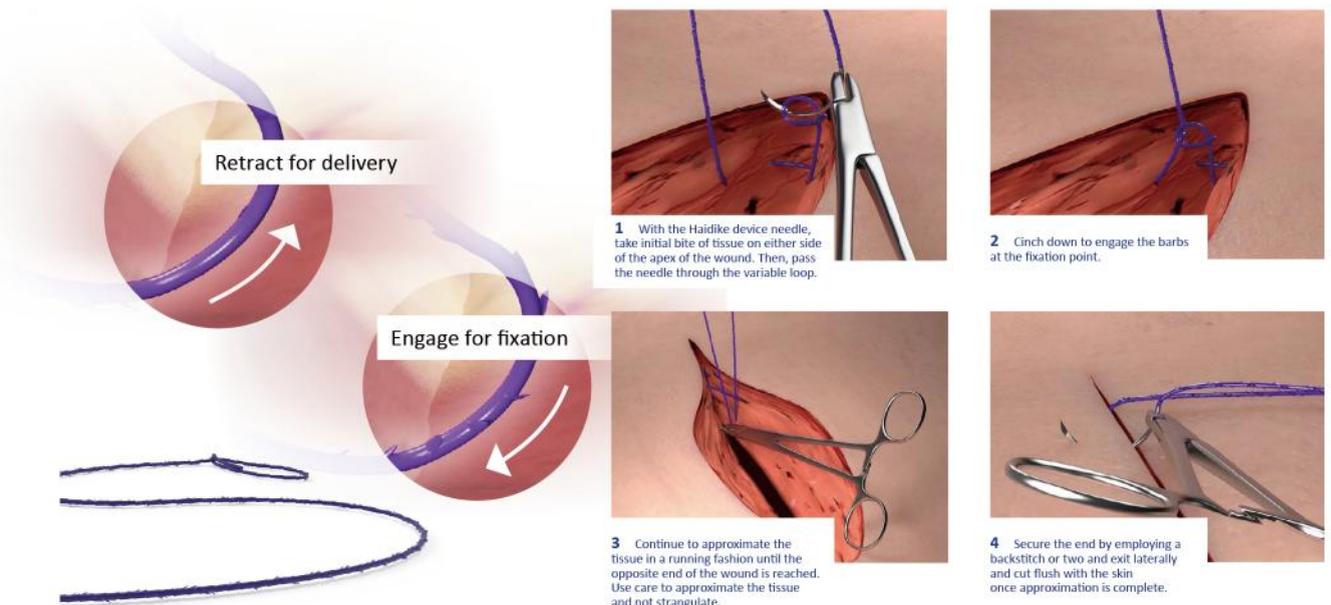
Wound support:
60 to 90 days
Total absorption:
180 to 210 days

In vivo strength retention

80% at 2 weeks
60% at 4 weeks
40% at 6 weeks

Usage

General Surgery
Plastic Surgery
Lap Surgery
Urology Surgery



Uni-directional absorbable knotless barbed PDO suture

Item No.	Type of Needle	Length /cm	SUTURE GAUGE U.S.P.						
			2	1	0	2/0	3/0	4/0	
1	1/2 Circle - 36mm Round Bodied 	15	BPDO02A0136						
2	1/2 Circle - 36mm Round Bodied 	20		BPDO01Q0136	BPDO00Q0136				
3	1/2 Circle - 36mm Round Bodied 	30	BPDO02B0136	BPDO01B0136	BPDO00B0136	BPDO20B0136			
4	1/2 Circle - 36mm Round Bodied 	45	BPDO02C0136	BPDO01C0136	BPDO00C0136	BPDO20C0136			
5	1/2 Circle - 40mm Reverse cutting 	45	BPDO02C0540						
6	1/2 Circle - 36mm Reverse cutting 	45		BPDO01C0536	BPDO00C0536				
7	1/2 Circle - 26mm Round Bodied 	30			BPDO00B0126				
8	1/2 Circle - 36mm Reverse cutting 	30			BPDO00B0536				
9	1/2 Circle - 26mm Round Bodied 	15				BPDO20A0126			
10	1/2 Circle - 26mm Round Bodied 	20				BPDO20Q0126			
11	1/2 Circle - 26mm Round Bodied 	20					BPDO30Q0126		
12	1/2 Circle - 26mm Round Bodied 	45					BPDO30C0126		
13	3/8 Circle - 19mm Reverse cutting 	20					BPDO30Q0619	BPDO40A0619	
14	3/8 Circle - 19mm Reverse cutting 	30					BPDO30B0619	BPDO40B0619	
15	3/8 Circle - 19mm Reverse cutting 	15							BPDO40A0619

Bi-directional absorbable knotless barbed PDO suture

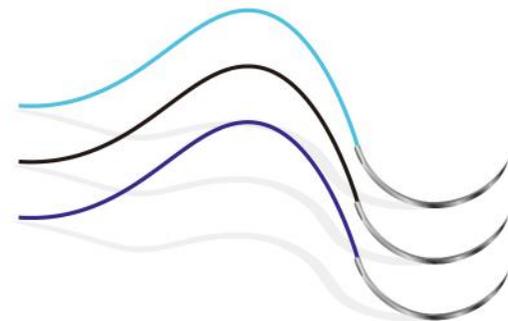
Item No.	Type of Needle	Length /cm	SUTURE GAUGE U.S.P.						
			2	1	0	2/0	3/0	4/0	
1	1/2 Circle - 36mm Round Bodied 	24x24	BPDO02R0136	BPDO01R0136	BPDO00R0136				
2	1/2 Circle - 36mm Round Bodied 	30x30	BPDO02S0136	BPDO01S0136					
3	1/2 Circle - 36mm Round Bodied 	36x36	BPDO02T0136						
4	1/2 Circle - 48mm Round Bodied 	45x45	BPDO02U0148						
5	1/2 Circle - 40mm Reverse cutting 	36x36	BPDO02T0540						
6	1/2 Circle - 26mm Reverse cutting 	24x24	BPDO02R0526						
7	1/2 Circle - 22mm Round Bodied 	14x14		BPDO01V0122	BPDO00V0126				
8	1/2 Circle - 26mm Reverse cutting 	14x14		BPDO01V0526					
9	1/2 Circle - 26mm Reverse cutting 	24x24		BPDO01R0526				BPDO30R0526	
10	1/2 Circle - 36mm Taper Point 	14x14			BPDO00V0136				
11	1/2 Circle - 36mm Reverse cutting 	36x36			BPDO00T0536				
12	1/2 Circle - 36mm Reverse cutting 	45x45			BPDO00U0536				
13	1/2 Circle - 22mm Round Bodied 	14x14				BPDO20V0122			
14	1/2 Circle - 36mm Round Bodied 	10x10				BPDO20W0136			
15	1/2 Circle - 36mm Round Bodied 	40x40				BPDO20U0136			
16	3/8 Circle - 19mm Reverse cutting 	14x14						BPDO30V0619	
17	3/8 Circle - 26mm Reverse cutting 	24x24						BPDO30R0626	
18	1/2 Circle - 17mm Round Bodied 	7x7							BPDO40Y0117
19	3/8 Circle - 19mm Reverse cutting 	7x7							BPDO30V0619

SPECIALTY SUTURES PORTFOLIO

Dental sutures



Optimal performance in DENTAL SURGERY



Dental sutures



Non Absorbable soft Nylon

USP Size	Needle shape	Colour	Structure
4/0, 5/0	3/8 circle reverse cutting	Blue, Black	Monofilament

Non Absorbable Silk Braided

USP Size	Needle shape	Colour	Structure
3/0, 4/0	3/8 circle reverse cutting	Black, White	Braided multifilament

Synthetic Absorbable Polyglactine 910

USP Size	Needle shape	Colour	Structure
4/0, 5/0	3/8 circle reverse cutting	Violet	Braided multifilament

Synthetic Absorbable Polydioxanone

USP Size	Needle shape	Colour	Structure
4/0	3/8 circle reverse cutting	Violet	Monofilament

Non Absorbable PTFE

USP Size	Needle shape	Colour	Structure
3/0, 4/0, 5/0	3/8 circle reverse cutting	White	Monofilament



DENTAL AND MAXILLOFACIAL SURGERY



Haidike surgical dental sutures allow dental and maxillofacial surgeons to obtain the best results for their patients. Our wide portfolio consists of absorbable and non-absorbable sutures.

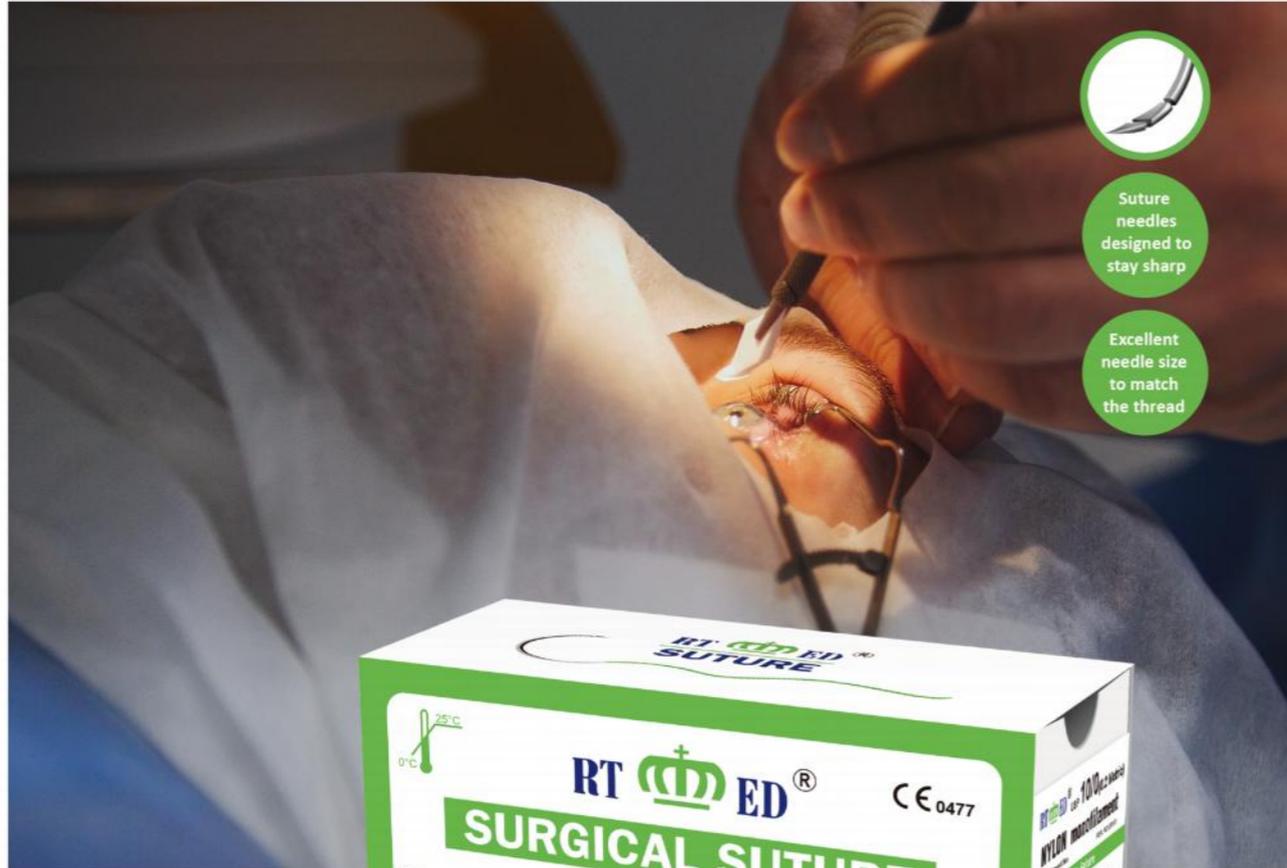
Surgical procedures:

- Dental implants
- Dental prostheses
- Maxillary sinus lift
- Bone grafts
- Removal of pathological processes
- Apicoectomies
- Periodontal surgery
- Gingival aesthetics
- Gingival graft
- Third molar surgery
- Frenectomies
- Pediatric dentistry

Ophthalmic sutures

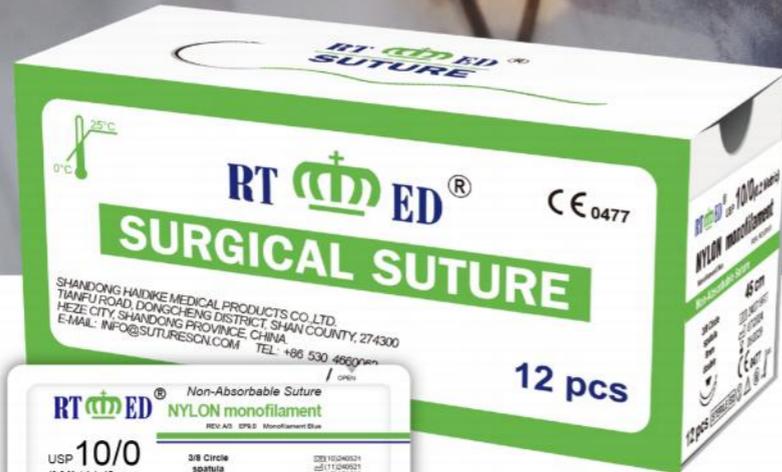


NON-ABSORBABLE SUTURE
(11-0, 10-0, 9-0, 8-0, 7-0)



Suture needles designed to stay sharp

Excellent needle size to match the thread



Ophthalmic sutures



Non Absorbable Nylon Monofilament

USP Size	Needle image	Needle shape	Needle point	Colour
11/0		3/8 Circle spatula		Blue, Black
10/0		3/8 Circle spatula		Blue, Black
9/0		3/8 Circle spatula		Blue, Black
8/0		3/8 Circle spatula		Blue, Black
7/0		3/8 Circle spatula		Blue, Black

Non Absorbable Silk Braided

USP Size	Needle image	Needle shape	Needle point	Colour
7/0		3/8 Circle spatula		Black, Virgin
6/0		1/4 Circle spatula		Black, Virgin

Synthetic Absorbable Polyglycolic acid Braided

USP Size	Needle image	Needle shape	Needle point	Colour
8/0		3/8 Circle spatula		Violet , Undyed
7/0		3/8 Circle spatula		Violet , Undyed
6/0		1/4 Circle spatula		Violet , Undyed



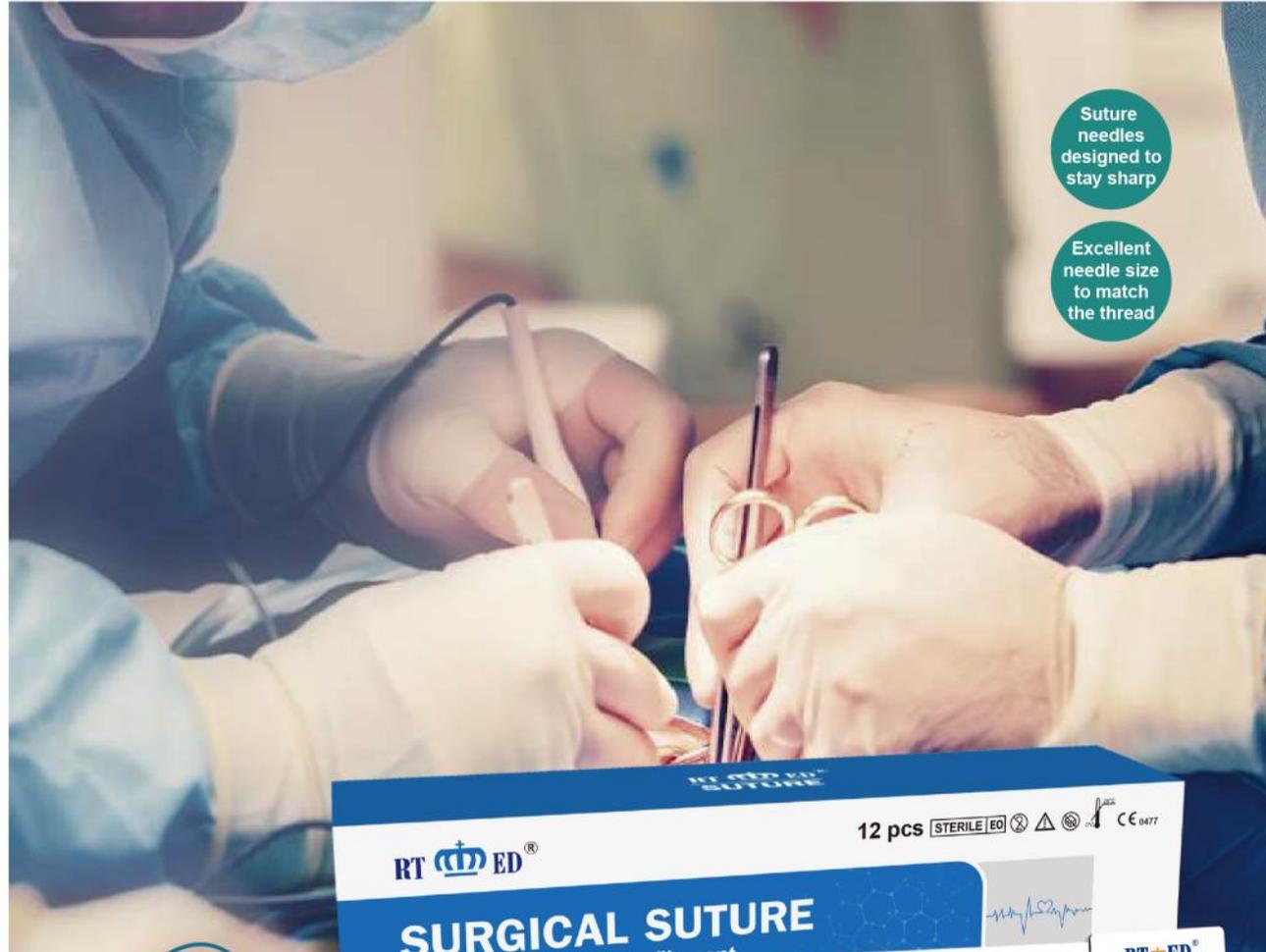
Recommendations

Open only the necessary sutures. With gentle traction, straighten the sutures. Do not squeeze them, do not rub them, and do not pull the needles sharply. Do not squeeze or tighten the suture threads with surgical instruments. (*) \pm 2 mm.

Cardiovascular sutures



Inlet suture body is soft



Suture needles designed to stay sharp

Excellent needle size to match the thread



Cardiovascular sutures



Polypropylene

USP Size	Needle image	Needle shape	Colour	Structure
8/0		3/8 Circle taper cut	Blue	Monofilament
7/0		3/8 Circle taper cut	Blue	Monofilament
6/0		3/8 Circle taper cut	Blue	Monofilament
5/0		1/2 circle taper point	Blue	Monofilament
4/0		1/2 circle taper point	Blue	Monofilament
3/0		1/2 circle taper point	Blue	Monofilament
2/0		1/2 circle taper point	Blue	Monofilament

Polyester Suture with PTFE Pledget

USP Size	Needle image	Needle shape	Colour	Structure
3/0		1/2 circle taper cut	Green/White	Braided
2/0		1/2 circle taper point	Green/White	Braided

Advantages:

- Made of siliconized steel for smooth passage through tissues
- Uniform and homogenous, avoids tissue creep
- High tensile strength
- Exceptional handling and safety when tying the knot



Disposable Circumcision stapler



Application:

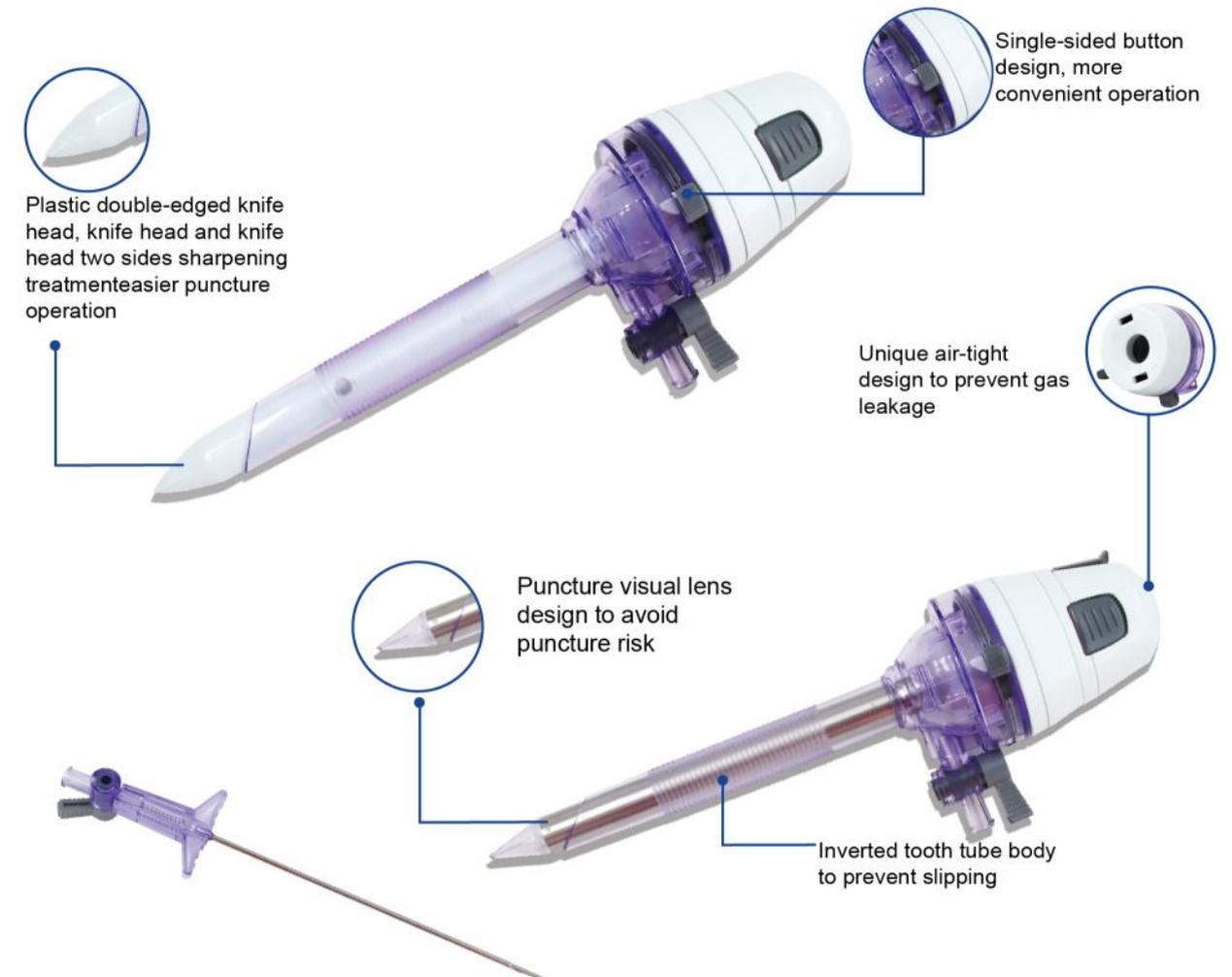
Used in male circumcision for both adults and children

Features and Advantages:

- Reduced operation time and faster healing as significant benefits
- The advanced circumcision method is lauded for its efficiency and for minimizing the risks of bleeding and infection.
- The incision heals quickly, and the staple will fall off automatically after 7 days.
- Surgical incision is smooth and beautiful, no scar, improve the quality of sex life.

Item No.	Size (Diameter/mm)	Tolerance	Nail height / mm	Tolerance	Nails quantity / pcs
HDK-BW-11	11	±1	2.8	±0.5	9
HDK-BW-13	13				10
HDK-BW-15	15				11
HDK-BW-17	17				12
HDK-BW-19	19				13
HDK-BW-22	22				16
HDK-BW-25	25				18
HDK-BW-29	29				20
HDK-BW-32	32				22
HDK-BW-34	34				24

Disposable Trocars



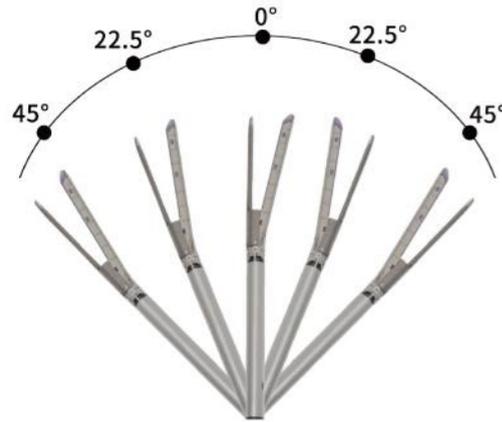
Application:

It is used for laparoscopy surgery, the puncture of the abdominal wall of the human body is used to establish a working channel for abdominal surgery.

Features and Advantages:

- Unique air-tight design to prevent gas leakage.
- Anti-slip grain design, increasing the friction between cannular and abdominal wall, to avoid cannular fall off.
- Universal positioning of puncture cone without directional insertion.

Disposable Endo Cutter Stapler And Reloads



Gentle closure, No harm closure to adjust the anastomosis/suture position, no harm to the original tissue, avoid fistula/necrosis

The articulating cartridge will provide various operation angles. The maximum angle is 45° both leftward and rightward. It can move easily and with accurate angle.



Application:

It is suitable for excision and anastomosis of lung, bronchial tissue, stomach and intestine in open or endoscopic surgery.

Features and Advantages:

- Six rows of stitching nails. The shape of the near and far end stitching nails is consistent, and it has a good hemostatic effect.
- A variety of components are available to meet the needs of clinical surgery.
- The assembly can swing the head left and right, and the stapler can be rotated 360° synchronously.
- Large mouth design for easy tissue placement. Effective clearance to prevent excessive clamping of tissue.
- With empty nail bin protection device, effectively prevent no nail misfiring operation.

Powered Endoscopic Stapler

Application:

For the dissection, excision and/or establishment of anastomosis of internal organs and tissues.

Features and Advantages:

- The device is a disposable product, avoiding the risk of cross infection and improving the safety of surgery.
- Electric drive, cutting and stitching is more smooth, effectively avoid human operation and shaking and pulling the tissue.
- Uniform cutting speed, smooth incision without burrs, safe and reliable operation, good nail molding.
- Rotate 45° left and right and 360° axial, touching different tissues at once.
- The new structural optimization brings greater clamping force to the device and effectively reduces tissue slip.



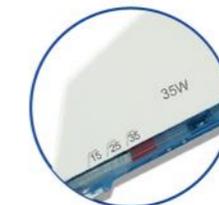
Disposable Skin Stapler and Remover

Application:

Used for wound closure and tissue suture

Features and Advantages:

- Single use, avoid cross-infection
- Biologically compatible
- Significantly decrease wound closure time and reduce procedure & anaesthesia time
- Suture easily and efficiency as well as easily removed
- With better cosmetic results.



Visualization



Staple remover

PPH Hemorrhoidal Circular Stapler

Application:

It is suitable for the procedure for prolapse and hemorrhoids.

Features and Advantages:

- The design of uniformed nail holder (nail anvil) improves the force strength of the nail to ensure the stable and complete molding of the nail.
- The large capacity of the nail storage can provide more space for the organization.
- The butterfly tail makes it easy for the doctor to exert enough pressure on the tissue.
- Firing device to avoid misfiring.
- High hardness stainless steel ring knife.
- Clear indication needle window design, so that the doctor at any time to grasp the position of the nail state.



Disposable self-tightening/self-cutting hemorrhoid ligation device

Application:

It is suitable for the procedure for prolapse and hemorrhoids.

Features and Advantages:

- After the elastic thread is automatically tightened, it can automatically cut the one-button (fool-style) operation structured design, which reduces the trouble of traditional manual thread trimming and directly saves the time of operation;
- The structural design of interchangeable air nozzle components can realize multi-point ligation avoids the risk of cross-infection;
- It can be replaced at any time due to the failure of the body, which greatly saves the operation time and achieves double insurance;
- The appearance design of the device conforms to the ergonomic design. The structure makes the device have a very comfortable operating experience during use and reduces the operator's fatigue.



Disposable Circular Stapler

Application:

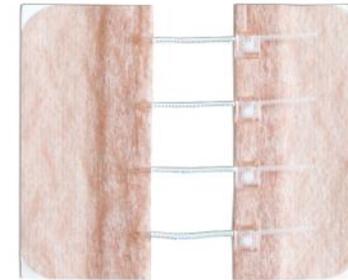
It is suitable for end-to-end, end-to-side and side-side anastomosis in clinical digestive surgery of esophagus, stomach and intestine.

Features and Advantages:

- The tissue thickness can be clearly displayed in the window.
- Reasonable nail density to reduce postoperative bleeding.
- Imported titanium wire to provide higher strength and tensile degree.
- The whole shape of the anvil ensures that the fitting of the nail molding is complete.
- Large inside to outside diameter ratio, effectively prevent anastomotic stenosis.
- The tube stapler has a small anastomotic gap to avoid tissue damage caused by excessive pressure.
- Ergonomic shape design, comfortable and powerful operation feel.



Disposable sterile surgical no-seam zipper



Application:

Suitable for the closure of surgical wounds and trauma wounds (straight and roughly straight shape).

Features and Advantages:

- Provides higher joint force: The skin only needs to withstand a smaller surface tension force per unit area, but the resultant force is higher.
- Avoid skin cutting damage: only apply dispersed and uniform surface tension to the skin, will not cause cutting trauma to the skin;
- Provide non-invasive continuous reduction: can provide non-invasive incision continuous reduction, especially suitable for high-tension incision, tissue defect incision, tissue edema incision, infected liquefaction necrosis incision and other tension incision suture treatment.
- Open incision suture: can ensure that the incision has enough tension reduction joint force, especially suitable for the treatment of fat liquefaction incision, infected incision and other delayed healing incision of the second phase of tension reduction suture.
- Reduce scar hyperplasia: During the repair and reconstruction of incision tissue after surgery (3-6 months), the tension stimulation of scar tissue can be continuously alleviated, which can significantly reduce the hyperplasia and expansion of scar granulation tissue and avoid the formation of wide postoperative keloids.

Disposable Linear Cutter Stapler

Application:

It is used to create anastomosis and close stump or incision in digestive tract reconstruction and other organ resection.

Features and Advantages:

- The opening and closing are large, which helps to adjust the position.
- Intermediate locking device, locking more convenient and reliable.
- Unique self-locking structure, prevent misfiring, reliable
- Imported titanium wire to provide higher strength and tensile degree.
- The whole shape of the anvil ensures that the fitting of the nail molding is complete.
- The nail bin assembly is provided with an organization support pin to make the organization evenly stressed.



Disposable Minimally Invasive Fascia Closure

Application:

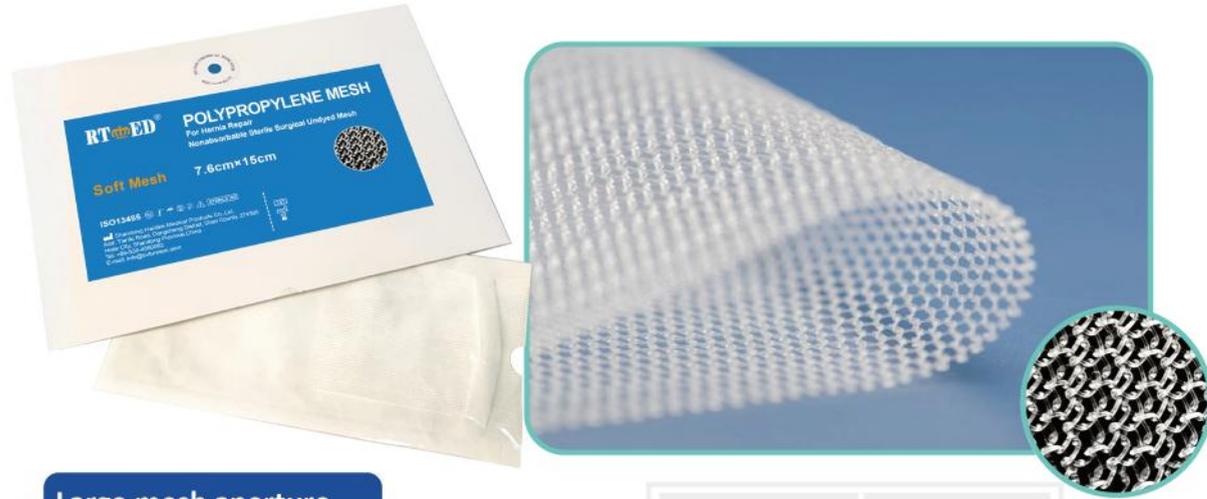
It is used in laparoscopic surgery to gather tissue and percutaneous suture in order to close surgical incisions

Features and Advantages:

- It can be operated safely under blind sight
- Fixed stitching margin, standardized without deviation
- The operation is more simple and faster, and the incision is really fast
- Anti-puncture protection, safer, completely solve the risk of puncture needle
- puncture other tissues



Hernia Repair Mesh



Large mesh aperture

Promotes liquid circulation and smoothes tissue growth.

Less micropores

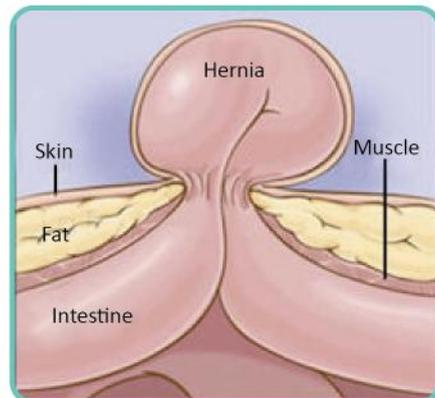
Greatly reduces the possibility of bacteria hiding and is not easy to infect.

Light weight

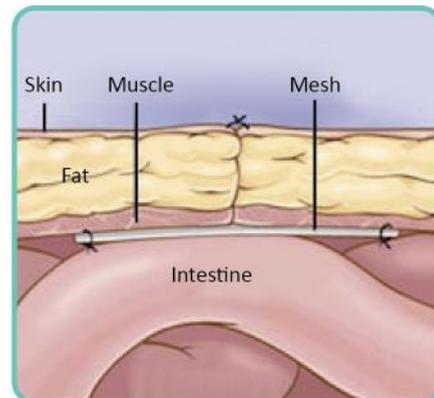
Reduce postoperative pain and foreign body sensation.

Products Description	Size
Polypropylene Mesh	6x11cm
Polypropylene Mesh	7.6x15cm
Polypropylene Mesh	10x15cm
Polypropylene Mesh	15x15cm
Polypropylene Mesh	15x20cm
Polypropylene Mesh	20x25cm
Polypropylene Mesh	25x25cm
Polypropylene Mesh	25x30cm
Polypropylene Mesh	30x30cm

Hernia Example



After Mesh Repair



ABSORBABLE SUTURES



Veterinary use absorbable surgical sutures

Composition: PGLA: Poly(glycolide-co-l-lactide 90/10)

PGA: Polyglycolic acid

PGCL: Poly (glycolide-co-caprolactone)

PDO: Poly (p-dioxanone)

CATGUT: Purified connective tissue

Sizes: USP 6/0 - USP 4

Sterilization: Ethylene Oxide

Gamma radiation

Non-Absorbable Sutures



Veterinary use non-absorbable surgical sutures

Composition: SILK: Natural silk filaments

NYLON: polyamide 6 - 6.6

POLYPROPYLENE: Polypropylene

POLYESTER: Polyethylene terephthalate

Sizes: USP 6/0 - USP 4

Sterilization: Ethylene Oxide



Cassette Sutures

Length	25m 50m 75m 100m etc
Absorbable	Chromic catgut, Plain catgut PGA, PGLA, PDO, PGCL
Non-absorbable	Silk, Nylon, Polyester, Polypropylene



Suture Materials

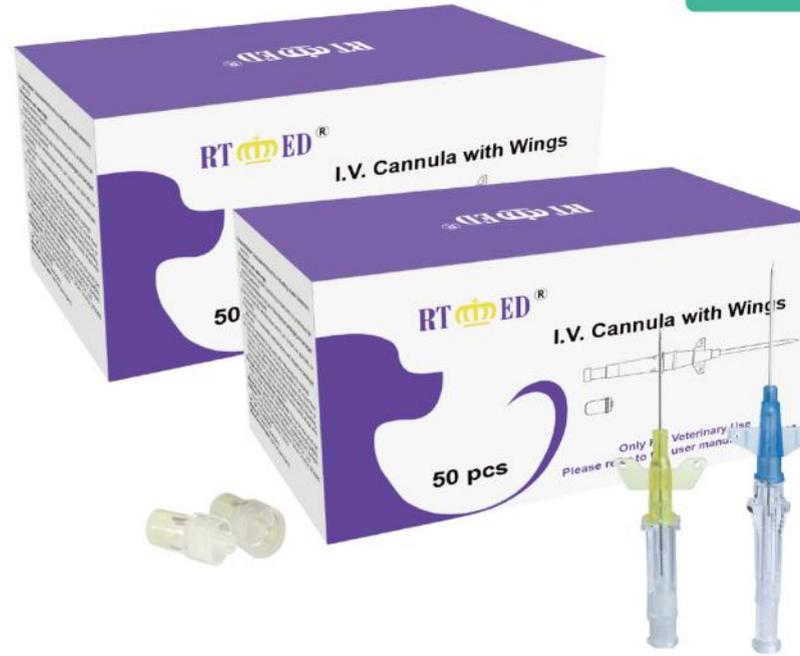
Threads	Sizes
Silk	USP4-6/0
Nylon	USP4-8/0
Polyester	USP5-6/0
Polypropylene	USP2-6/0



Self-adhesive Elastic Bandage

Standard	Features
2" 5.0cm×450cm	Self-adhesive
3" 7.5cm×450cm	High elasticity
4" 10cm×450cm	Waterproof
6" 15cm×450cm	Easy to tear

I.V. Cannula with Wings



specification	22G 24G 26G etc
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Dosing mouth shape

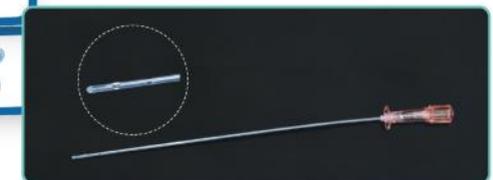
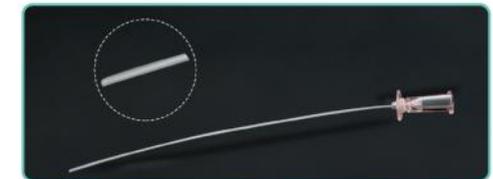


Pen type



Butterfly type

Veterinary catheter



Lifting Threads Needle

SHARP Basic type, generally used for linear filling and simple lifting, Beginners can also operate effortlessly.

W TYPE Circular head, reducing the damage to the skin tissue. After the injection, the needle can be taken out then correct the position and depth of the needle, which improves the lack of a stitch of the other types.

L TYPE L type blunt needle, reduce the damage of blood vessels, bruising and hematoma. The pain was significantly reduced.

U-COG Double needle is used for eyebrow lifting and other parts requiring strong lifting. U-COG is a special structure line with strong lifting ability. The local lifting effect is almost as good as the little facelift.

PDO/PCL Lifting Thread

Mono

- Needle** Sharp Needle
- Parts** Face, Body
- Effects** Tightening, Filling, Wrinkles Removing, Whitening

Tornado Screw

- Needle** Sharp Needle
- Parts** Eye, Neck, Crow's Feet, Cheek
- Effects** Tightening, Filling, Whitening, Wrinkles Removing

Nasal COG

- Needle** L type Blunt Needle
- Parts** Nasal columella, Nasal bridge
- Effects** Rhinoplasty, Nose Shaping

COG Lifting

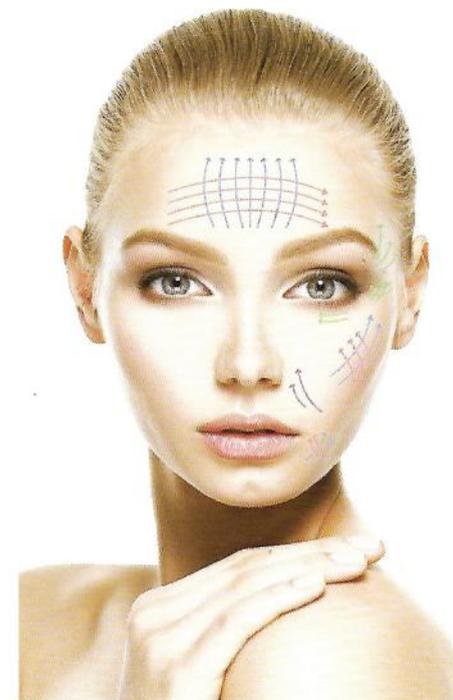
- Needle** L/W type Blunt Needle
- Parts** Lifting Eyebrow, Apple Zone, Cheek, Chest
- Effects** Face Lifting, V Face, Chest Lifting

Multi Threads

- Needle** L type Blunt Needle
- Parts** Face, Neck, Eye Bag, Crow's Feet
- Effects** Tightening, Filling, Whitening, Wrinkles Removing

Molding COG

- Needle** W type Blunt Needle
- Parts** Face, Neck, Crow's Feet, Eye Bag
- Effects** Tightening, Filling, Whitening, Wrinkles Removing



Forehead
Multi Threads / Tornado Screw / Mono Screw

Crow's feet / Eye bags / Eye Corner's Lifting
Blunt Needle For Eye 30G-25mm

Apple Zone
Multi Threads / Tornado Screw / Mono Screw

Nasolabial folds / Mouth Corner's Lifting
Multi Threads / Tornado Screw / Mono Screw

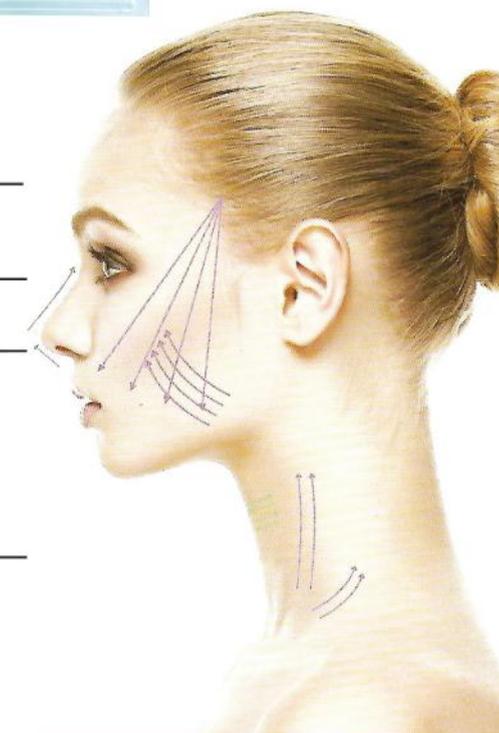


Face Lifting
18G-100mm / 19G-100mm

Nose Dorsum / Nose Bridge
19G-60mm

Nose Columella
19G-38mm

Cervical Stripe / Neck Lifting
23G-38mm / 18G-100mm



Orthopedic Casting Tape



USE INSTRUCTION

- Apply 1~2 layers stockinet over the affected body part;
- Wear surgical gloves;
- Choose proper size orthopedic casting tape, then open the package;
- Immerse the casting tape in normal temperature(20℃~30℃) water for 5~6 seconds and squeeze 2~3 times. Then remove from the water and squeeze out the excess water. The curing time of orthopedic casting tape is directly related to the temperature of water. The curing time is shorter in high temperature water than in low temperature water. If the water temperature is over 27℃, the curing time is too short to increase the difficulty of the operation.
- Wrap the casting tape spirally around the affected body part, overlapping the previous layer by one-half or two-thirds the width of the tape. The tension is moderate. If it is too loose, it will weaken the adhesion of the orthopedic casting tape. If it is too tight, it will affect the blood circulation.
- The intensity of the casting tape is related to the number of overlapped layers. Overlap 3~4 layers for the non-weight bearing parts, while overlap 5~6 layers for the weight bearing parts. If more layers are needed, please ensure the adhesivity between the layers.
- To increase the adhesion between layers, the casting tape will be shaped after wrapped. The operating time should be in 3~5 minutes. The adhesion and shaping effect cannot reach the best if the operating time is longer or the immersed time is too long. The patients do not allow to move freely in 10 minutes before the orthopedic casting tape are completely hardened.
- The electric plaster saw is needed if the affected parts need to open a window or remove the orthopedic casting tape.

Orthopedic Casting Tape				
Product Description	Sizes	Specification(W×L)	Packaging	Operating Part
Fiberglass Orthopedic Casting Tape	RT002	2" 5.0cm × 360cm	10bags/box 12boxes/ctn	Wrists/Childrens
Fiberglass Orthopedic Casting Tape	RT003	3" 7.5cm × 360cm	10bags/box 12boxes/ctn	Arms
Fiberglass Orthopedic Casting Tape	RT004	4" 10.0cm × 360cm	10bags/box 12boxes/ctn	Arms / Legs
Fiberglass Orthopedic Casting Tape	RT005	5" 12.5cm × 360cm	10bags/box 9boxes/ctn	Legs
Fiberglass Orthopedic Casting Tape	RT006	6" 15.0cm × 360cm	10bags/box 9boxes/ctn	Legs

Polymer Splint



Wrist Fixation
Recommended sizes:
312 (7.5cmX30cm)
415 (10cmX40cm)



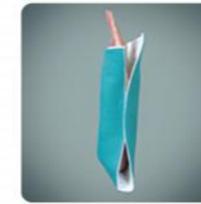
Thumb Fixation
Recommended sizes:
312 (7.5cmX30cm)
415 (10cmX40cm)



The Fourth and Fifth Finger Fixation
Recommended sizes:
312 (7.5cmX30cm)
415 (10cmX40cm)



Elbow Fixation
Recommended sizes:
312 (7.5cmX30cm)
415 (10cmX40cm)



Forearm Fixation
Recommended sizes:
335 (7.5cmX90cm)
430 (10cmX75cm)



Horseshoe Fixation
Recommended sizes:
335 (7.5cmX90cm)
430 (10cmX75cm)



Ankle Fixation
Recommended sizes:
430 (10cmX75cm)
530 (12.5cmX75cm)



Legs Fixation
Recommended sizes:
335 (7.5cmX90cm)
545 (12.5cmX115cm)

Polymer splint				
Product Description	Sizes	Specification(WxL)	Packaging	Operating part
Medical Polymer Splint	312	7.50cmX30cm	20bags/box 6boxes/ctn	wrists/Childrens
Medical Polymer Splint	335	7.50cmX90cm	10bags/box 6boxes/ctn	arms/legs
Medical Polymer Splint	415	10.0cmX40cm	15bags/box 6boxes/ctn	arms/legs
Medical Polymer Splint	430	10.0cmX75cm	10bags/box 6boxes/ctn	legs
Medical Polymer Splint	530	12.5cmX75cm	10bags/box 6boxes/ctn	legs
Medical Polymer Splint	545	12.5cmX115cm	5bags/box 6boxes/ctn	legs
Medical Polymer Splint	630	15.0cmX75cm	10bags/box 6boxes/ctn	legs
Medical Polymer Splint	645	15.0cmX115cm	5bags/box 6boxes/ctn	legs

Powered Wheelchair



Front wheel size: 10 inches	Net weight: 47kg (actually prevail)
Rear wheel size: 16 inches	Maximum speed: 6km/h
Dimensions: 1180×630×1360mm	Theoretical travel: 15km
Safe load: 100kg	Motor (motor): DC24V250W*2pcs
Frame material: Carbon steel	Gradeability (gradient): 6 degrees
Battery: Standard	



Front wheel size: 8 inches	Net weight: 21.5kg (actually prevail)
Rear wheel size: 12 inches	Maximum speed: 6km/h
Dimensions: 990×590×950mm	Theoretical travel: 15km
Safe load: 100kg	Motor (motor): DC24V250W*2pcs
Frame material: Aluminum alloy	Gradeability (gradient): 6 degrees
Battery: 12AH/20AH lithium battery	Folding size: 765×590×350mm

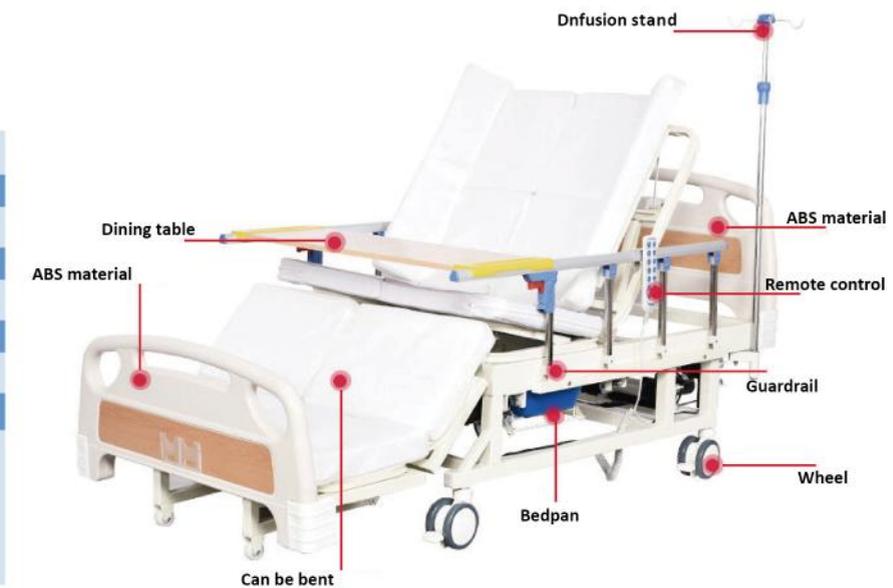
Manual Wheelchair



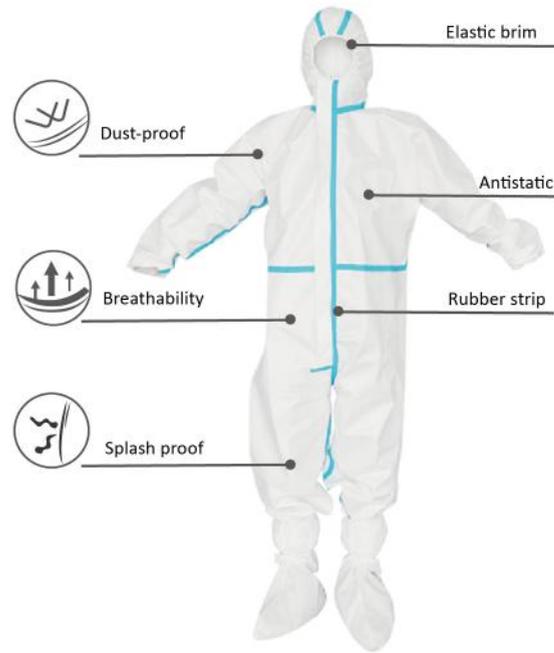
Front wheel size: 7 inches	Net weight: 18kg (actually prevail)
Rear wheel size: 24 inches	Armrest: blow molding/leather
Dimensions: 950×680×900mm	Seat width: 460mm
Safe load: 100kg	Seat height: 520mm
Frame material: Aluminum alloy	
Tire: solid tire	

Nursing Bed

Bent leg angle: -45~25°
Back angle: 0~80°
Rollover angle: 0~55°
Toilet hole size: 280×215mm
Product Size: 2100×900×550mm
Bed size: 1970×900mm
Bed material: Thickened steel pipe
For people: Elderly, paralyzed patients, etc
Product accessories: Wash basin, infusion stand, mattress, dining table, guardrail, castor, bedpan



Medical Disposable Protective Clothing



Executive Standard GB 19082-2009



Specifications: One-piece Sizes:
□ 160 □ 165 □ 170 □ 175 □ 180 □ 185

Intended use: It is used to provide barrier and protection for the potentially infectious patients' blood, body fluids, secretions, etc. that clinical medical personnel come into contact with at work. It cannot be used to isolate places with strict microbiological index control requirements such as intensive care unit (room).

Expiration date:
2 years after production

Isolation Gown



- Good air permeability
- Strong barrier performance
- Non-sterile
- Do not reuse

Isolation Gown TYPE A/TYPE B



Isolation gowns - type A/type B
Specifications:
120cm×120cm/One-size-fits-all

Material:100% Non-woven fabric

Product description:
Non-woven fabrics are usually used as the main raw materials, which are made by cutting and sewing. Non-sterile, single-use

Expiration date:
3 years after production

Medical Goggle



Medical Isolation Mask



Medical Cap



Medical Isolation Shoe Cover



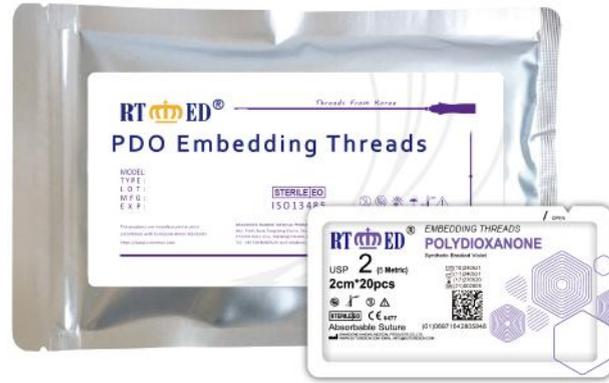
Disposable Virus Specimen Collection Tube



Disposable Surgical Face Mask



PDO Embedding threads

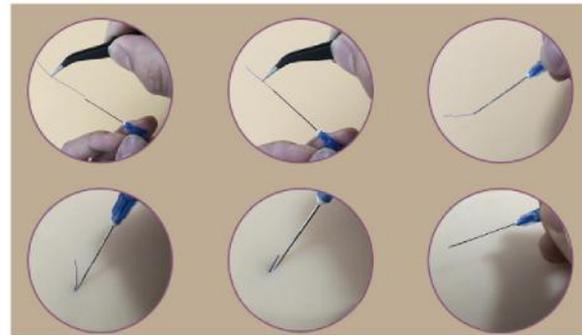


Acupoint embedding method is improved acupuncture, is a long-term acupuncture, is currently widely used in the field of embedding weight loss freckle wrinkle beauty, also can treat more than 30 kinds of clinical stubborn diseases.
Material: PDO, PGCL, catgut, PGA, PGLA
Color: Violet, Undyed, brown, beige, green
Length: 2cm, 2.5cm, 3cm, 3.4cm etc

Specification	6	7	8	9	10	11	12
Needle diameter	0.6	0.7	0.8	0.9	1.1	1.2	1.6
Colour	Blue	Black	Green	Yellow	Cream	Pink	White
Corresponding buried thread	4/0	4/0	3/0	2/0, 0		1, 2	
Needle length	60mm / 65mm						

Disposable thread-embedding needle

- The patient is lying prone or supine, exposing the site of the buried thread.
- Disinfect local skin with 75% alcohol or iodophor.
- Prepare the needle and thread body. Take a piece of catgut or polymer nanocrystalline wire and place it at the front end of the buried needle tube.
- Push the wire body into the needle tube with tweezers. Note that the thread body must be completely inserted into the needle, not exposed outside the needle tip.
- According to the different parts of the needle, the left thumb and index finger tighten or lift the skin of the needle site, hold the needle in the right hand, quickly pierce the skin, and further extend to the appropriate depth of the acupoint according to the anatomical characteristics of the acupoint.
- After the needle feeling is obtained, push the needle core, withdraw the needle tube, and implant the thread body into the subcutaneous tissue or muscle layer of the acupoint.
- After the needle is removed, immediately press the needle hole with a dry cotton stick for a moment, and apply a medical infusion adhesive.



ACUPUNCTURE NEEDLES

