



BI-FIX[®]

**The Best Choice for
Surgical Incision Closure**

Zhejiang HaiChuang Medical Device Co., Ltd 



Life Quality after Surgery

More and more people are pursuing the concealment of surgery incision and the smoothness and fineness of scars especially young patients going through surgery.



Life Quality after Surgery



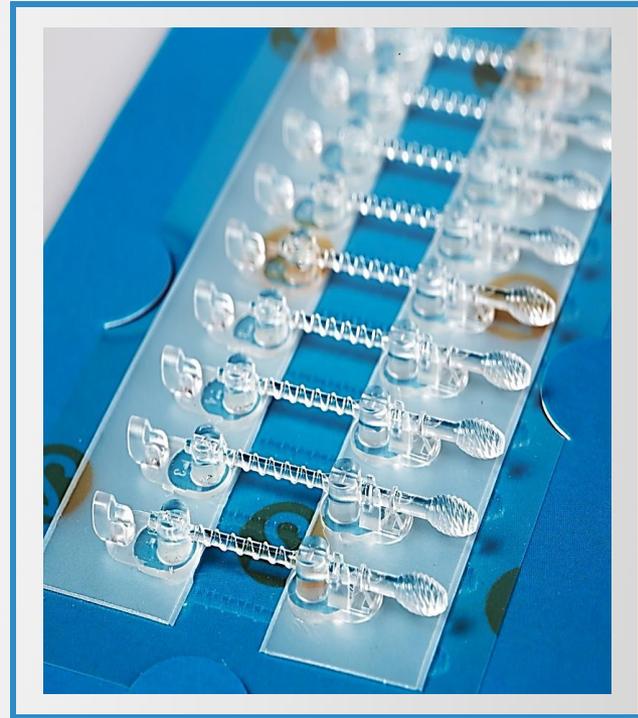
Unsightly scars seriously influence the confidence of the patients for living and cause a lot of trauma

Introduction of Bi-fix

Bi-fix®

Is an non-invasive skin incision closing device that intended for skin incision prcedures to hold the skin edges together untill the wound heal.

Bi-Fix is available in multiple sizes for various length of incision.



Bi-fix Components

No.① release paper

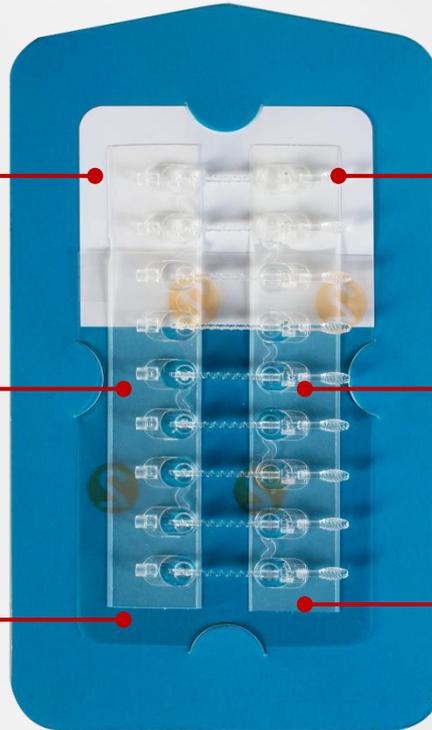
Regulating lever

Left locking mechanism

Right locking mechanism

No. ② release paper

PSA (Pressure Sensitive Adhesive) Tape



Bi-fix Features

1. Convenient operation and time saving:

It saves 1/3 to 2/3 of the time compared with intradermal suture.

2. Non-invasive design, reduce additional damage:

There is no need to puncture the skin, avoid secondary damage and needle scars.

3. Accurate alignment and appropriate closing force :

Proper closure force is more beneficial to the aesthetics of the incision, and with the fine lever

4. Convenient after-care:

Easy to observe the incision and dressing change.



Bi-fix Structures

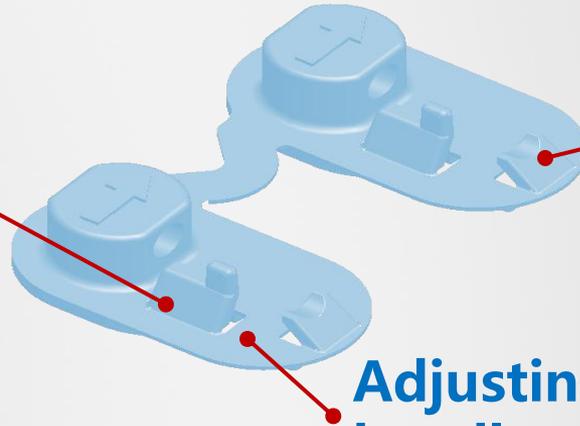
Why use the Screw design?

The screw closing method is easy to operate to achieve precise closure, provide proper force to counteract skin tension during the healing of incision.



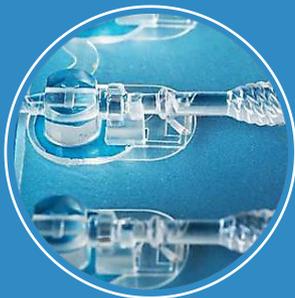
Locking mechanism detail

Anti-rotating back lock



Anti-back Lock

Adjusting lever releasing handle



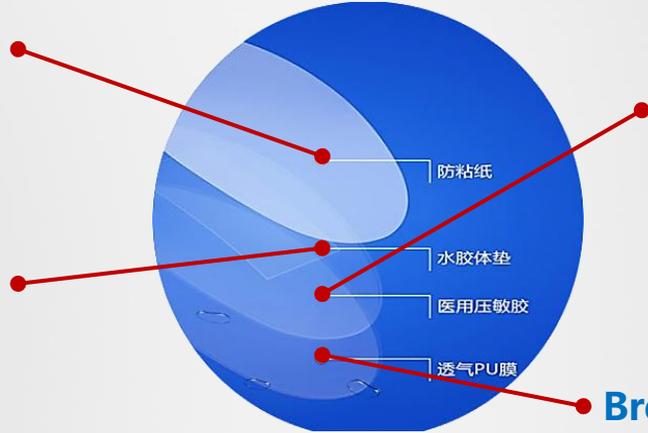
Anti-rotating back Lock: Prevents the adjusting lever from rotating back due to large skin tension

Adjusting lever releasing handle: Suitable for joints, need to bend and stretch

PSA tape detail

Stickiness protection layer

Hydrocolloid pad layer



Medical pressure sensitive adhesive layer

Breathable PU film layer

防粘纸

水胶体垫

医用压敏胶

透气PU膜

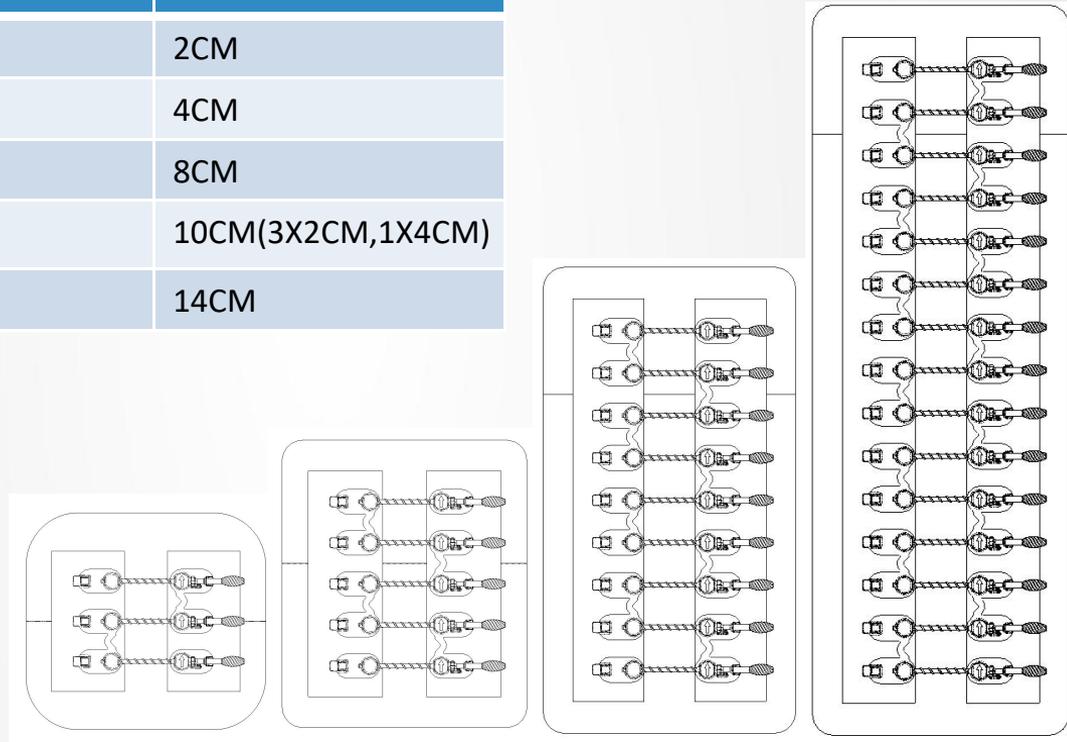


Patent PSA tape technology

The PSA tape is made of hydrocolloid, its waterproof and breathable, proper stickiness, quite low sensitization, skin protected.

Bi-Fix models

S/N	Model	Size
1	5HWH-2A	2CM
2	5HWH-4A	4CM
3	5HWH-8A	8CM
4	5HWH-10A	10CM(3X2CM,1X4CM)
5	5HWH-14A	14CM



Equipment and Material



Imported medical implant-grade materials
Better biocompatibility to reduce infection rate and Hypoallergenic.



Imported equipments
GMP quality system
To ensure high quality among the industry



ISO13485 , 9001 and CE
The product meets international standards and the quality is guaranteed.

Laboratory test with Suture

Category	Strength of Tension	Maxium Equal To
No. 1 suture	6.47N-9.11N	0.93KG
No. 4 suture	9N-14.52N	1.48KG
Bi-fix	15N-16N	1.63KG

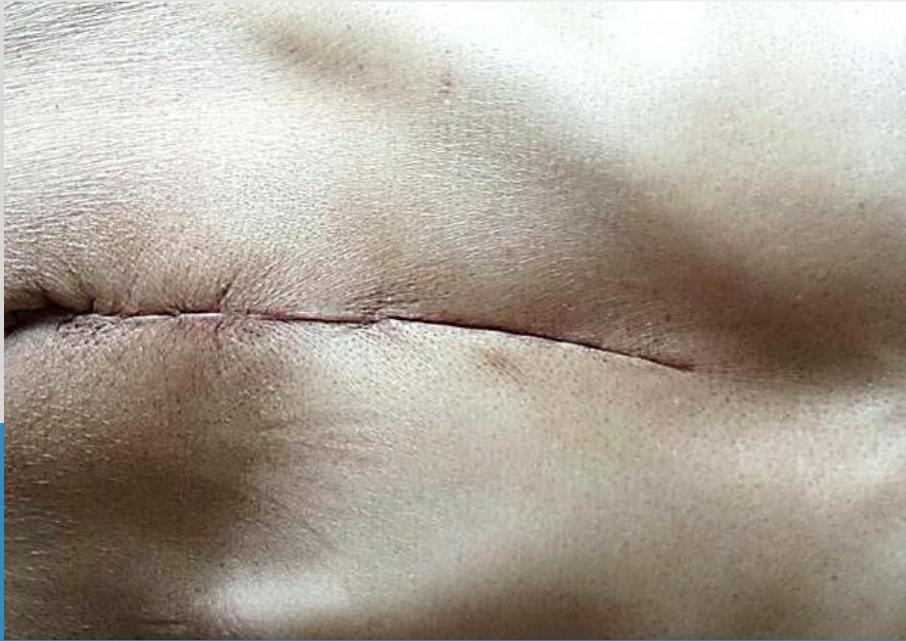
Laboratory test with other products

Category	Strength of Tension	Maxium Equal To
competitor 1	8.72N-10.33N	0.89KG
competitor 2	11.25N-14.3N	1.14KG
Bi-fix	15N-16N	1.63KG

◆ The Advantage of Bi-fix over Other Closing Methods

Function \ Type	Bi-fix	Suturing	Skin Nail	Clasp
Simple and fast Operation	√	×	√	√
Precise adjustment of closing incision	√	×	×	×
Fine look of scarring	√	×	×	√
Convenient for incision caring	√	√	×	×
Non-invasive closing	√	×	×	√
No limitation on incision shape and size	√	√	√	×
No off-stitch needs	√	×	×	√
Short time for healing	√	×	×	√
Low sensitization	√	×	×	×
Foreign body sensation	√	×	×	√

Clinical Pictures



Total Gastrectomy

Length of incision	Model used	quantity
24cm	5HWH-14A	2

Cases Pictures

Thyroid Surgery



Length of incision	Model used	quantity
5-8 cm	5HWH-8A	1

Cases Pictures

Orthopedic Hip Joint Surgery



Length of incision	Model used	quantity
8-14cm	5HWH-14A	1

Cases Pictures

Orthopedic Articulatio Humeri Surgery



Length of incision	Model used	quantity
8-14cm	5HWH-14A	1

Cases Pictures

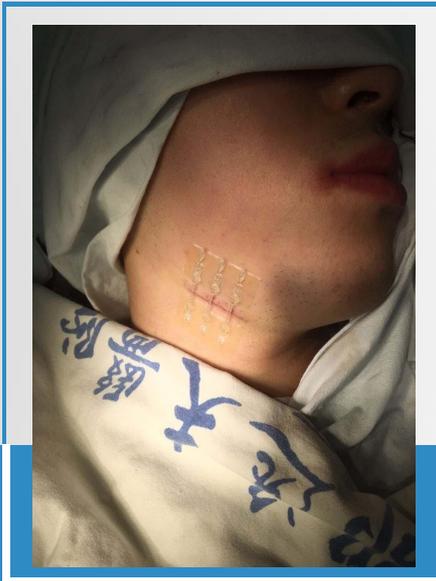
Orthopedic Articulatio Genus Surgery



Length of incision	Model used	quantity
10-14cm	5HWH-14A	1

Cases Pictures

Plasitic and Neck Surgery



Length of incision	Model used	quantity
2-3cm	5HWH-2A	1

THANK YOU!

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Zhejiang HaiChuang Medical Device Co., Ltd 

Innovation Defines Life

