

**BI-FIX<sup>®</sup>**

**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

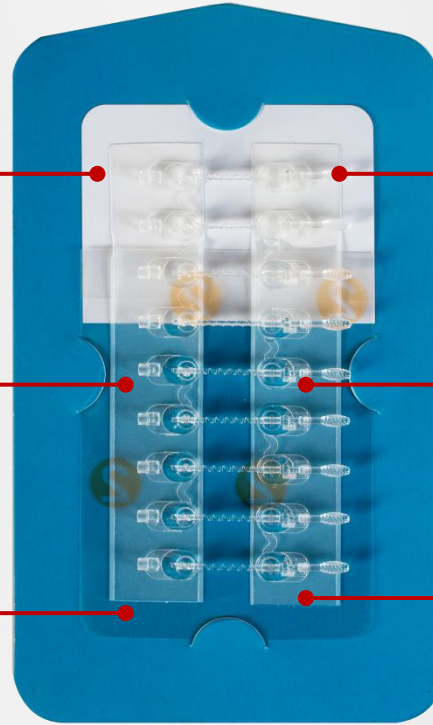
Regulating lever

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.



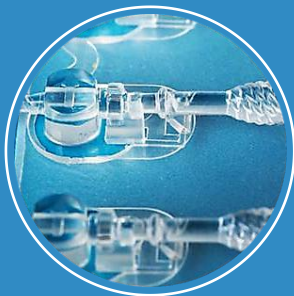
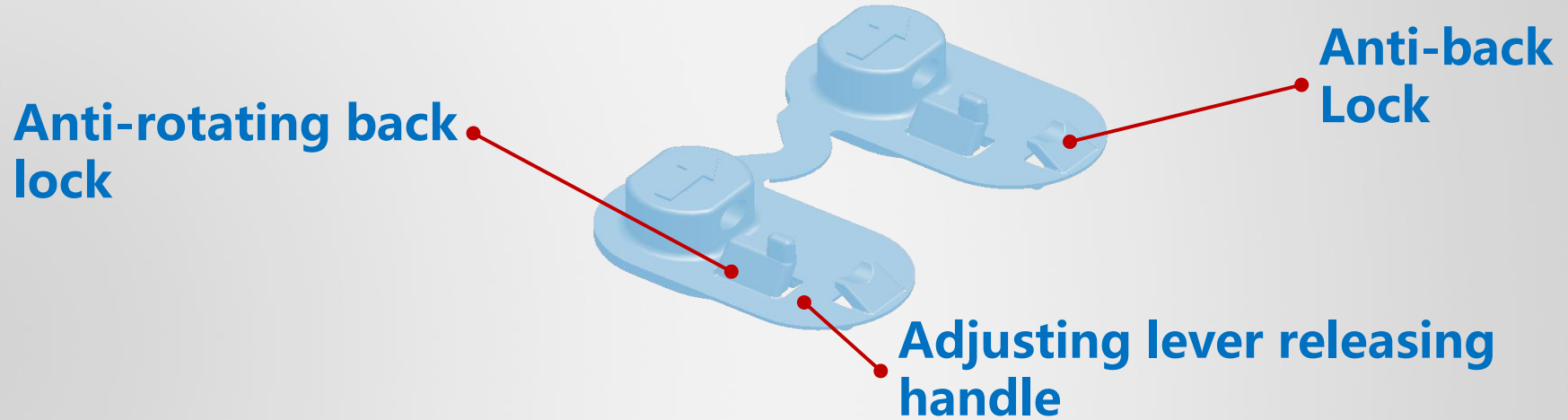
## Bi-fix Structures

### 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:** Prevents the adjusting lever from rotating back due to large skin tension

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



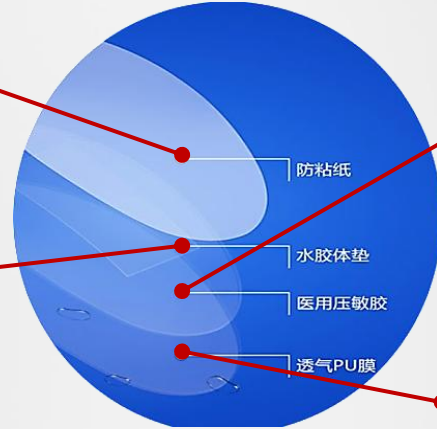
## PSA tape detail

Stickiness protection layer

Hydrocolloid pad layer

Medical pressure sensitive adhesive layer

Breathable PU film layer

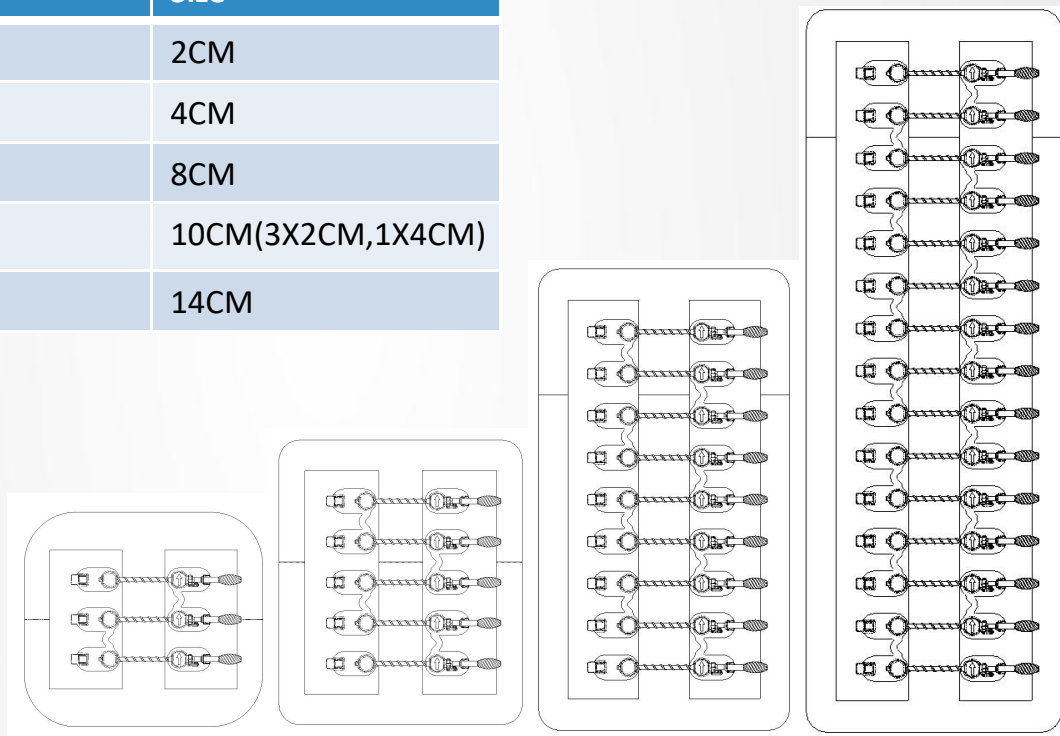


### Patent PSA tape technology

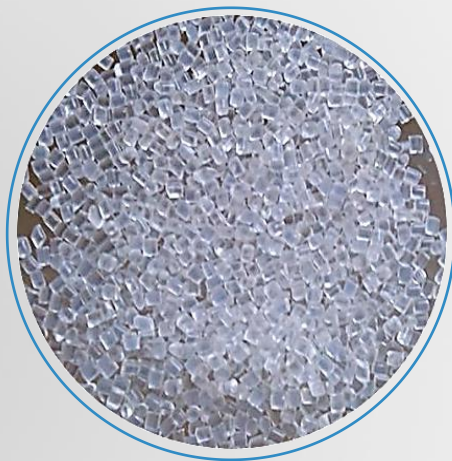
The PSA tape is made of hydrocolloid, its waterproof and breathable, proper stickiness, quite low sensitization, skin protected.

# 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

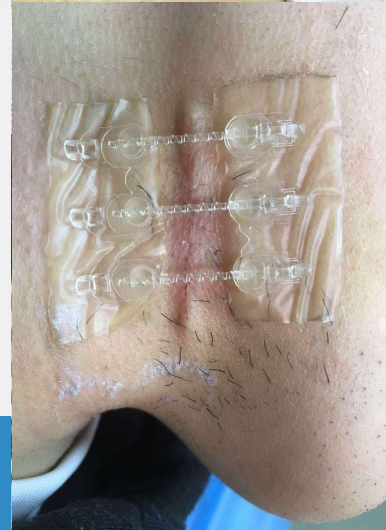
### Orthopedic Articulation Genus Surgery



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

## Cases Pictures

### Plasitc and Neck Surgery



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



# THANK YOU !

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**Innovation Defines Life**

