

For Hospital Use

*Sterilized

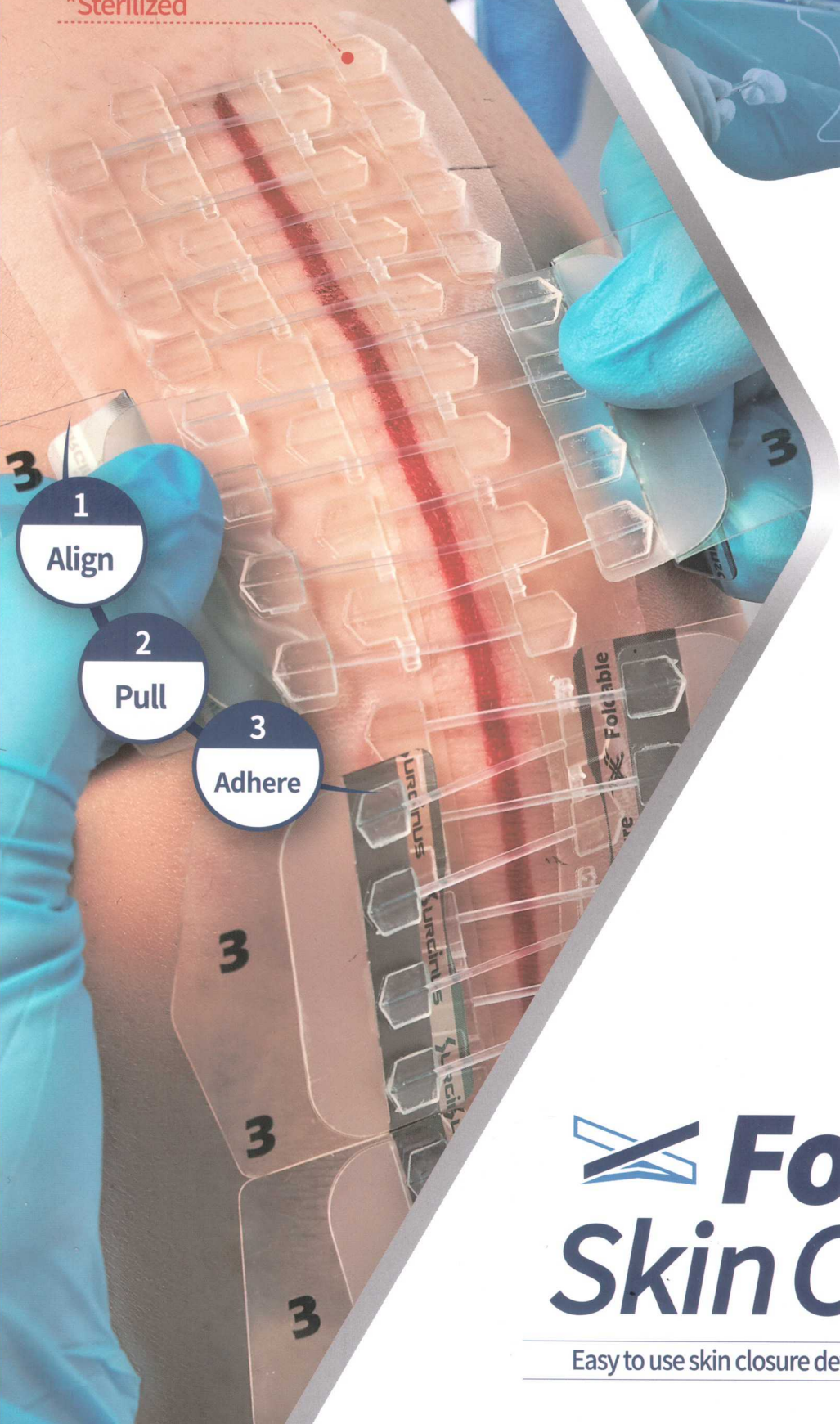


Scan
for Instruction Video

FDA
CLEARED



reddot award 2022
winner



Foldable Skin Closure

Easy to use skin closure device using non-invasive method

 **URGINUS**
(주)서지인스



Easy-to-use



Self-removal



Time Saving



Infection
Minimized

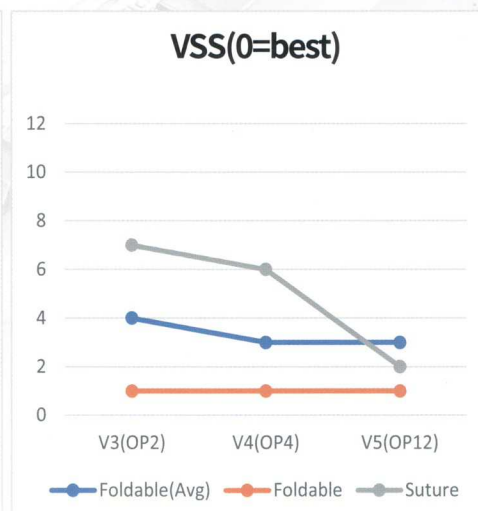
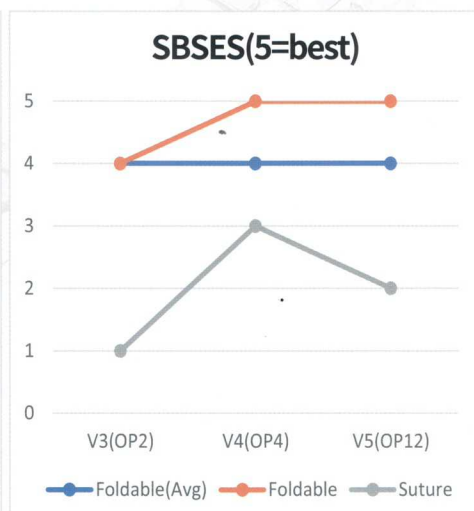
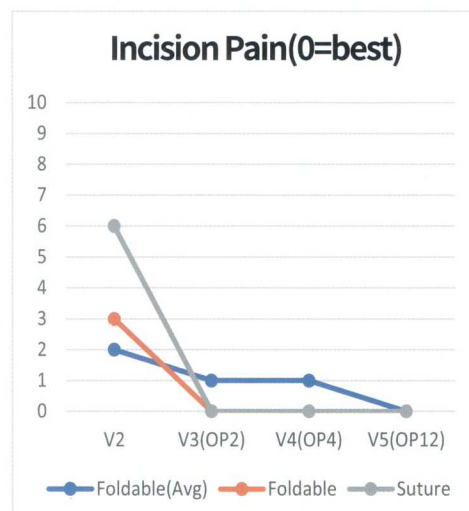


Scar Minimized
& Pain-free

Clinical Trial Research #1

Comparative Evaluation of Suturing Convenience and Scarring Based on Different Skin Suturing Methods conducted at Korea University Ansan Hospital from May 2022 to July 2023 (IRB 2022AS01513, IRB 2022AS0326)

		Foldable Skin Closure	Suture
Age / Gender Incision Site Incision Length(cm) Total Time to Close(sec) Closure Time(sec/cm)		Born in 1983 / Female Accessory Breast on Lt. Axilla 3.3 117 35	Born in 1987 / Female Lt. Anterior Chest 3.2 201 63
Incision Pain at Discharge (1~10, 10=worst)	1~2 days after OP	3	6
	2 weeks after OP	0	0
	4 weeks after OP	0	0
	12 weeks after OP	0	0
Stony Brook Scar Evaluation Scale (SBSES) (0~5, 5=best)	2 weeks after OP	4	1
	4 weeks after OP	5	3
	12 weeks after OP	5	2
Vancouver Scar Score (VSS) (0~13, 0=best)	2 weeks after OP	1	7
	4 weeks after OP	1	6
	12 weeks after OP	1	2
Before & After	Before OP		
	2 weeks after OP		
	4 weeks after OP		
	12 weeks after OP		



I Clinical Trial Research #2

Comparison of Efficacy and Safety between Foldable Skin Closure versus Stapler for Surgical Wound Suture: A Randomized Control, Single-center, Open-label Trial conducted at Seoul National University Bundang Hospital

Methods

Fifty patients who underwent robot assisted radical prostatectomy (RALP) for prostate cancer were randomly assigned to the Foldable Skin Closure or stapler group. The target wound was limited to only one wound above the navel, which was extended to take out the prostate after RALP. The wound was evaluated three times after surgery (at 2, 6, and 12 weeks after surgery), and the Vancouver scar scale (VSS), scar height, side effects were observed through a 3D skin analyzer. A total of 46 patients(23 Foldable Skin Closure, 23 Stapler) was analyzed.

Results

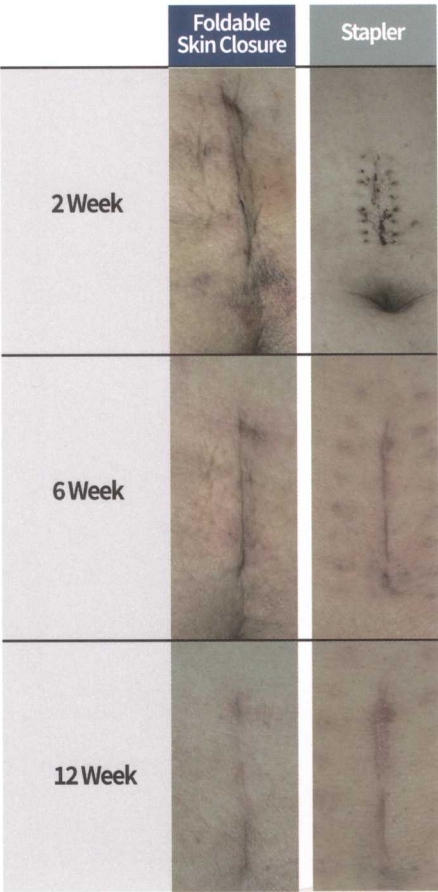
Basic characteristics of patients

	Foldable Skin Closure(n=23)	Stapler(n=23)	p
Age (yrs)	63.7 ± 7.1	68.4 ± 6.2	0.021
BMI (kg/m ²)	25.6 ± 2.0	25.1 ± 2.5	0.512
DM, n(%)	1 (4.3)	3 (13.0)	0.608
HTN, n(%)	13 (56.5)	10 (43.5)	0.376
Prostate Volume (cc)	32.2 ± 10.2	33.5 ± 11.7	0.676
Console Time (min)	58.3 ± 15.2	61.0 ± 9.4	0.465
EBL (cc)	78.0 ± 45.7	77.2 ± 54.4	0.962
Time for skin closure (sec)	230.6 ± 66.7	228.9 ± 93.6	0.947

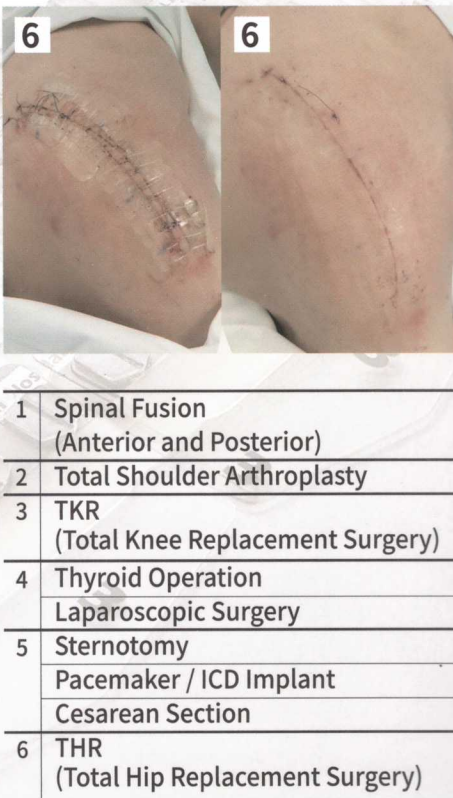
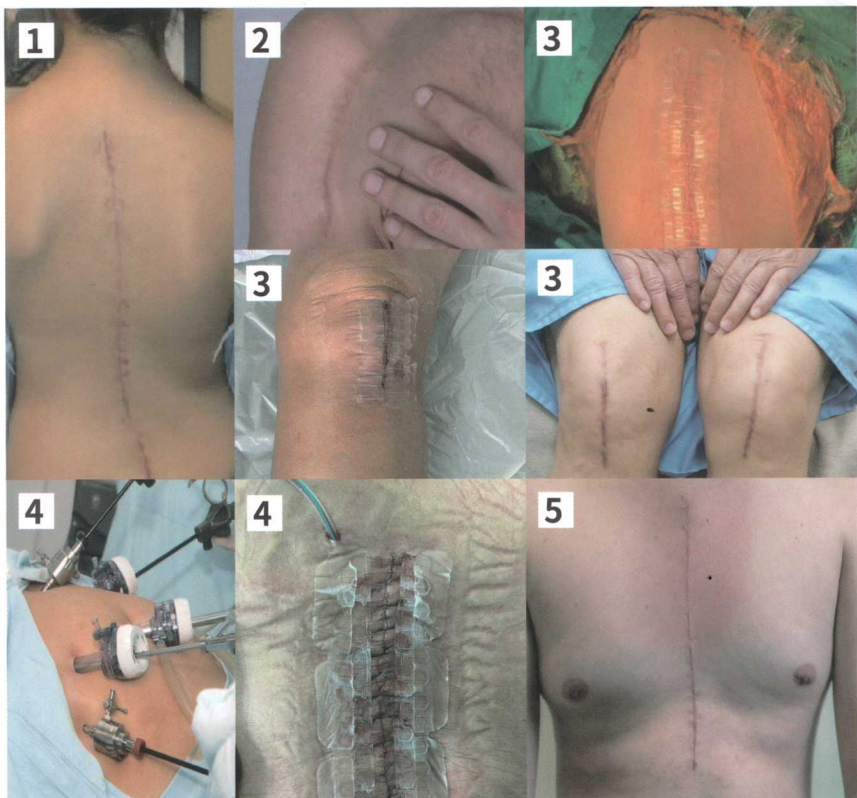
Vancouver Scar Scale at follow-up 12 weeks

	Foldable Skin Closure(n=23)	Stapler(n=23)	P
VSS total, mean ± SD	2.17 ± 1.44	3.48 ± 1.20	0.002
Vascularity	0.45 ± 0.51	0.78 ± 0.42	0.027
Pigmentation	0.85 ± 0.37	0.96 ± 0.21	0.260
Height	0.60 ± 0.50	0.74 ± 0.62	0.428
Pliability	0.60 ± 0.50	1.00 ± 0.52	0.014

Figure



I Application Examples



- 1 Spinal Fusion (Anterior and Posterior)
- 2 Total Shoulder Arthroplasty
- 3 TKR (Total Knee Replacement Surgery)
- 4 Thyroid Operation Laparoscopic Surgery
- 5 Sternotomy Pacemaker / ICD Implant Cesarean Section
- 6 THR (Total Hip Replacement Surgery)

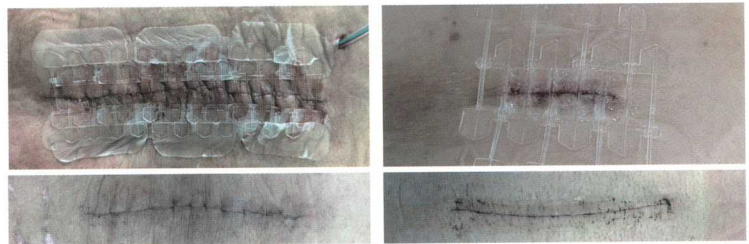
Foldable Skin Closure

Scar Minimized

Time Saving

Infection Minimized

Foldable Skin Closure is a device designed for surgical incisions, utilizing a **non-invasive approach to close the skin**, unlike traditional sutures and staples. It **minimizes scarring, saves suturing time, and lowers the risk of infection**. Additionally, the device is **easy-to-use**, so patients are highly satisfied with its simplicity and the **convenient self-removal feature**.

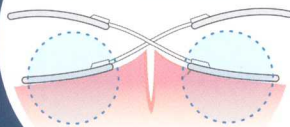


*Foldable Skin Closure Applied in Spinal Fusion(Anterior and Posterior)

The application of Foldable Skin Closure in cases shows that the sutured area had almost no scars and swelling after removal.

I Features

Non-invasive

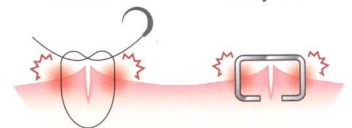


Pain-free Closing & Minimized Scar

Utilizing a non-invasive closing method, there is no closing pain compared to conventional sutures or staples, and scarring is minimized. Additionally, the use of hydrocolloid lowers the risk of infection.

Sutures

Staples



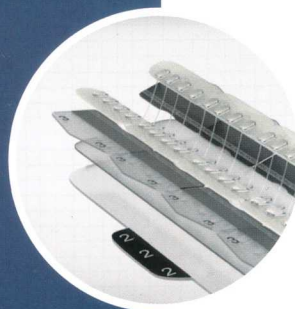
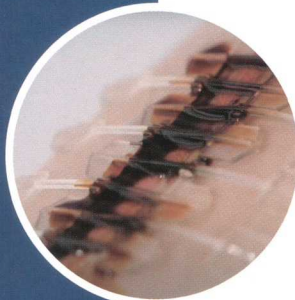
<Conventional suture method>

Convenient Disinfection & Removal

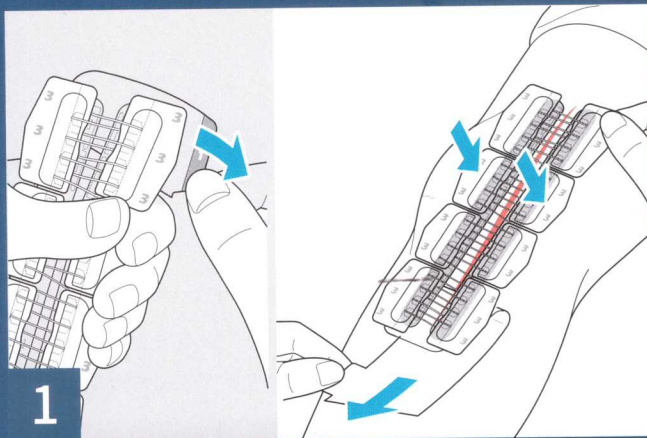
The gap between the hydrocolloids and the unique design allow for easy observation of the incision status, also enable direct disinfection operation while applying the device. And the patients can remove the device by themselves without the need to visit the hospital.

Strong Adhesive Force & Excellent Tensile Strength

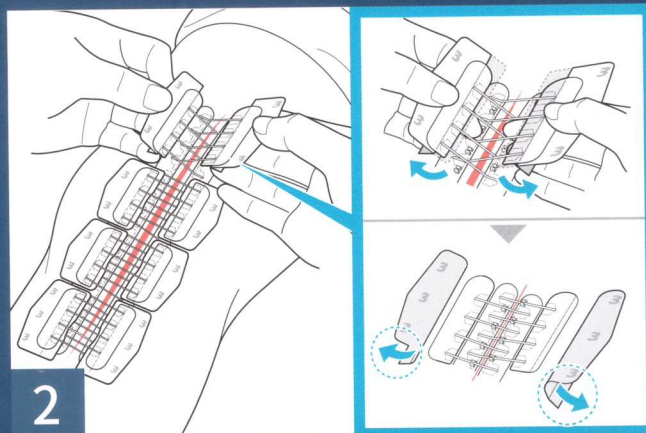
By using double hydrocolloid, the adhesive force is strengthened. The device retains excellent tensile strength even after disinfection, ensuring it remains securely on the incision without falling off.



I How to use

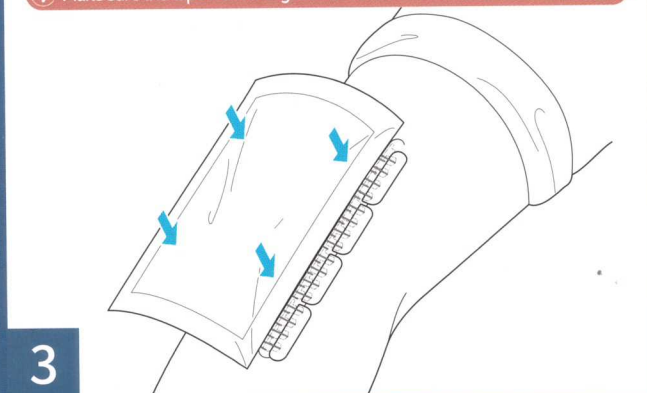


Remove the release film[1], and position the incision at the center of the device. Remove the release film[2], and press the hydrocolloid to the skin.

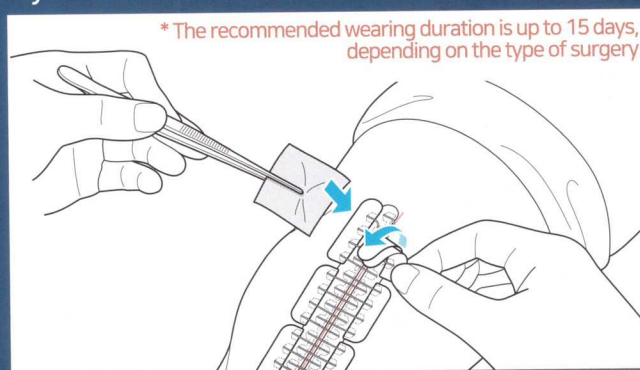


Fold the release film[3] in half as indicated, and pull it on both sides to adhere it to the incision, and press hydrocolloid to the skin.

! Make sure the tape from the gauze does not come into contact the device.



Attach a gauze that is large enough to totally cover the device.



How to remove

Wet the hydrocolloid attached to the skin sufficiently with alcohol cotton and gently remove it along the incision line.

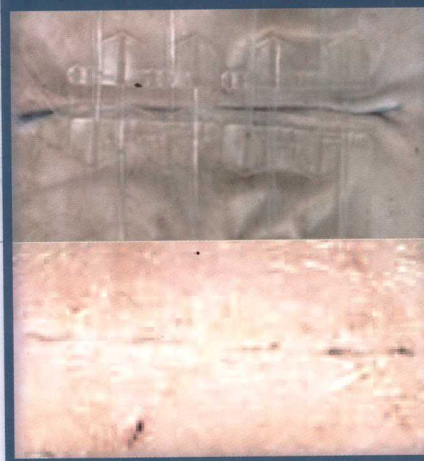
I Non-Clinical Trial Research

- Non-Clinical Trial Research on New Concept Suture 'Foldable Skin Closure'

POD 0
(Post Operative Day)

POD 7
(Post Operative Day)

Foldable Skin Closure



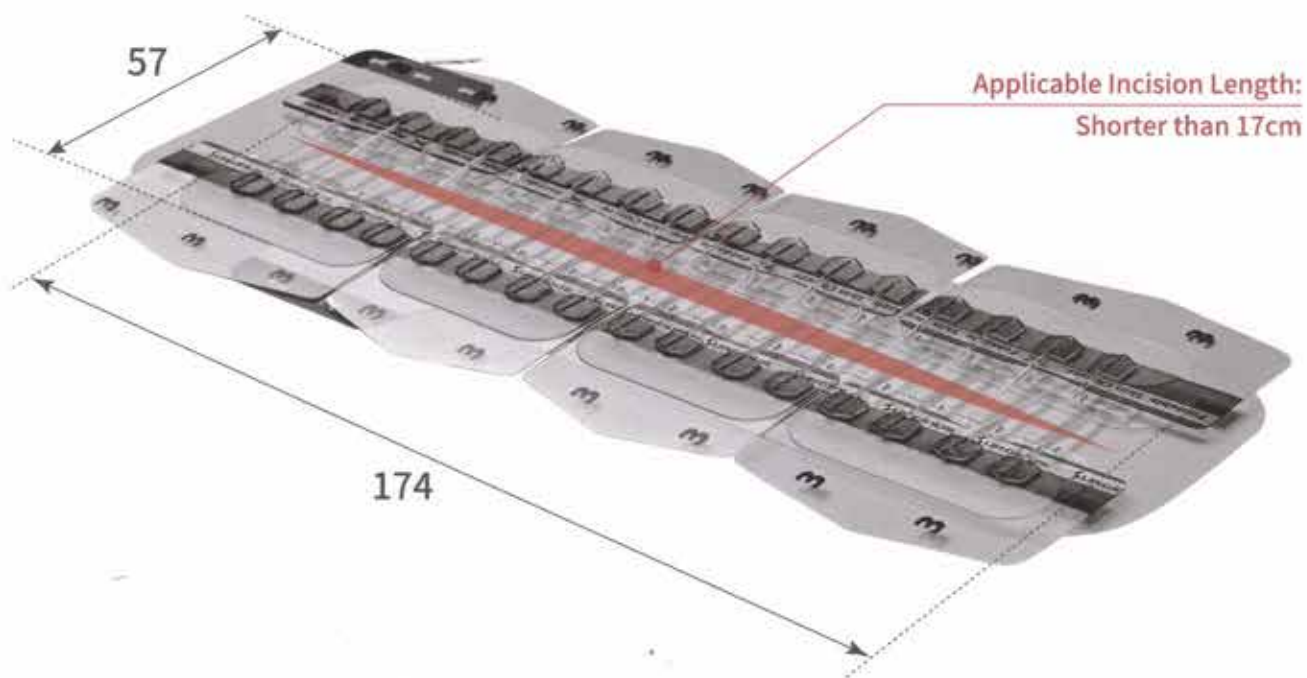
Sutures



* Suture 4.0 Nylon

Product Information

Product Image



* Product images shown above is Foldable Skin Closure 17 (FS2017)

* This is the dimension excluding the release film.

(Unit: mm)

Product Image	Catalog No.	Model Name	Dimension	Incision Up to	Weight (per box)
	FS2003	Foldable Skin Closure 03	32 X 57(mm)	~ 3cm	95.0 g
	FS2005	Foldable Skin Closure 05	52 X 57(mm)	~ 5cm	113.0 g
	FS2009	Foldable Skin Closure 09	93 X 57(mm)	~ 9cm	194.0 g
	FS2013	Foldable Skin Closure 13	133 X 57(mm)	~ 13cm	227.0 g
	FS2017	Foldable Skin Closure 17	174 X 57(mm)	~ 17cm	293.0 g
	FS2021	Foldable Skin Closure 21	214 X 57(mm)	~ 21cm	324.0 g
	FS2025	Foldable Skin Closure 25	255 X 57(mm)	~ 25cm	375.0 g

*Contents in 1box: Foldable Skin Closure 10pcs (Tyvek), Instruction Manual

*Packing details: 10pcs per box



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