AJU medical

Ajupharm Co., Ltd. Medical Business Dept.

fixone® Anchor System

Aju medical

Ajupharm Co., Ltd. Medical Business Dept.

We strive to improve the lives of patients by providing healthcare professionals with high-quality medical device products.

Our medical business has focused on R&D, production, distribution and sales of various medical devices which reflect the needs of our customers. Although a new venture, we pledge our commitment to manufacture high-quality products reflective of our standard since Aju Pharm first started operations.

Through active collaborations with medical institutions, medical practitioners, and the academia, we strive to create innovative products that will satisfy the needs of our customers by combining our competence in the medical fields with our medical expertise.
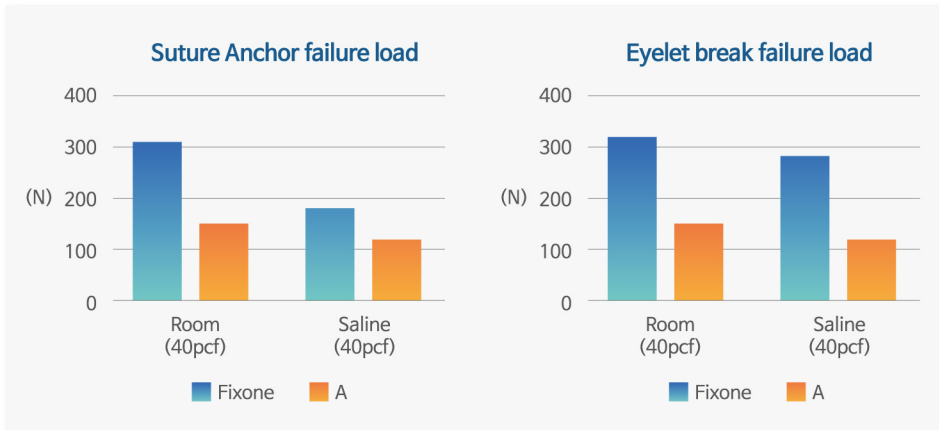
fixone®-B
Biocomposite Suture Anchor

FDA
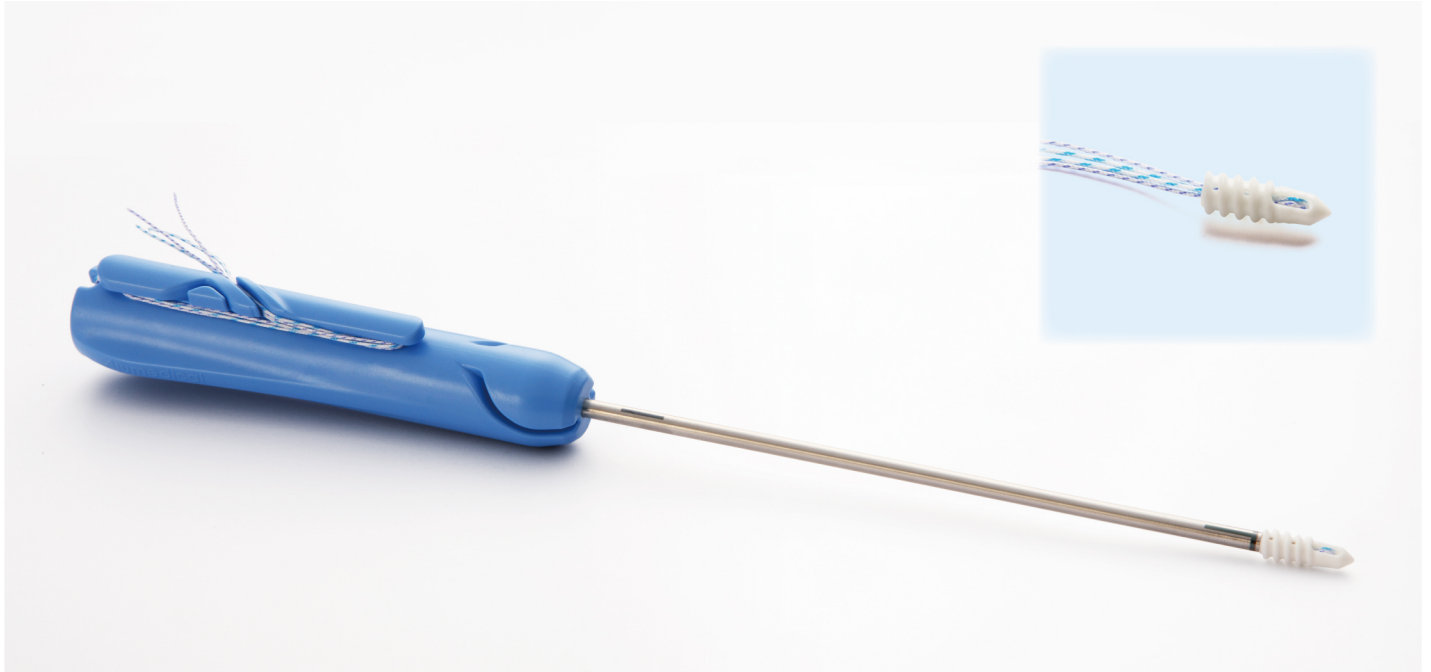
fixone®-Kc
All-Biocomposite Knotless Anchor

FDA

■ Result of an experiment

Anchor	Material	Suture Load	Diameter (mm)	Length (mm)
FIXONE® Anchor B	PLGA + β-TCP	Double	4.5	15
A	PLGA + β-TCP	Double	4.5	17

Suture Anchor failure load

Eyelet break failure load

The experiment was performed in accordance with international standards.

1. ASTM F 2502

"Standard specification and test methods for bio-absorbable plates and screws for internal fixation implants."

2. ASTM F1839-08

"Standard Specification for Rigid Polyurethane Foam for Use as a Standard Material for Testing Orthopaedic Devices and Instruments."

※Ref. : [1] A study on evaluation of bioabsorbable anchor through mechanical test under moisture difference. Journal of Medical Devices. 2016.
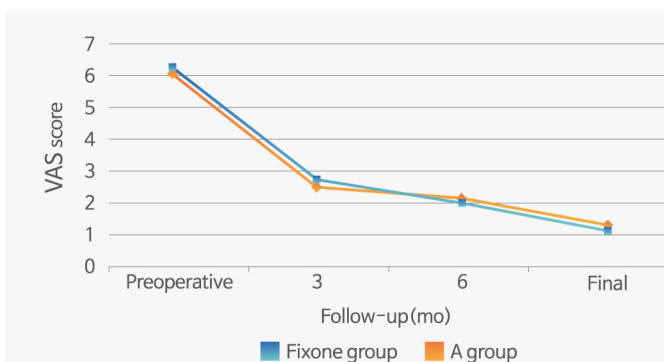
■ Clinical trial data

Fig.1. Comparison of pain visual analogue scale (VAS) scores after rotator cuff repair. The A group includes patients who underwent arthroscopic rotator cuff repair using the A group and the Fixone group includes patients who underwent the surgery using the Fixone medial anchor.
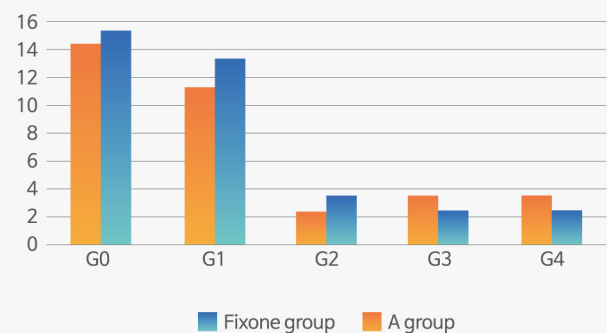
Fig.2. G: grade,
G0: no fluid collection around the anchor,
G1: linear fluid collection around the anchor,
G2: local collection of fluid around any location of the anchor,
G3: fluid collection around the entire length of the anchor and a cyst diameter less than twice the anchor diameter,
G4: cyst diameter larger than that in grade 3.

※Ref. : [1] Changes in perianchor cyst formation over time after rotator cuff repair. Am J Sports Med. 2018
[2] Clinical outcomes of arthroscopic rotator cuff repair using poly lactic-co-glycolic acid plus β-tricalcium phosphate. CiSE. 2018

fixone®-N
Biocomposite Suture Anchor

[Prevent anchor breakage]
· Enforce anchor strength
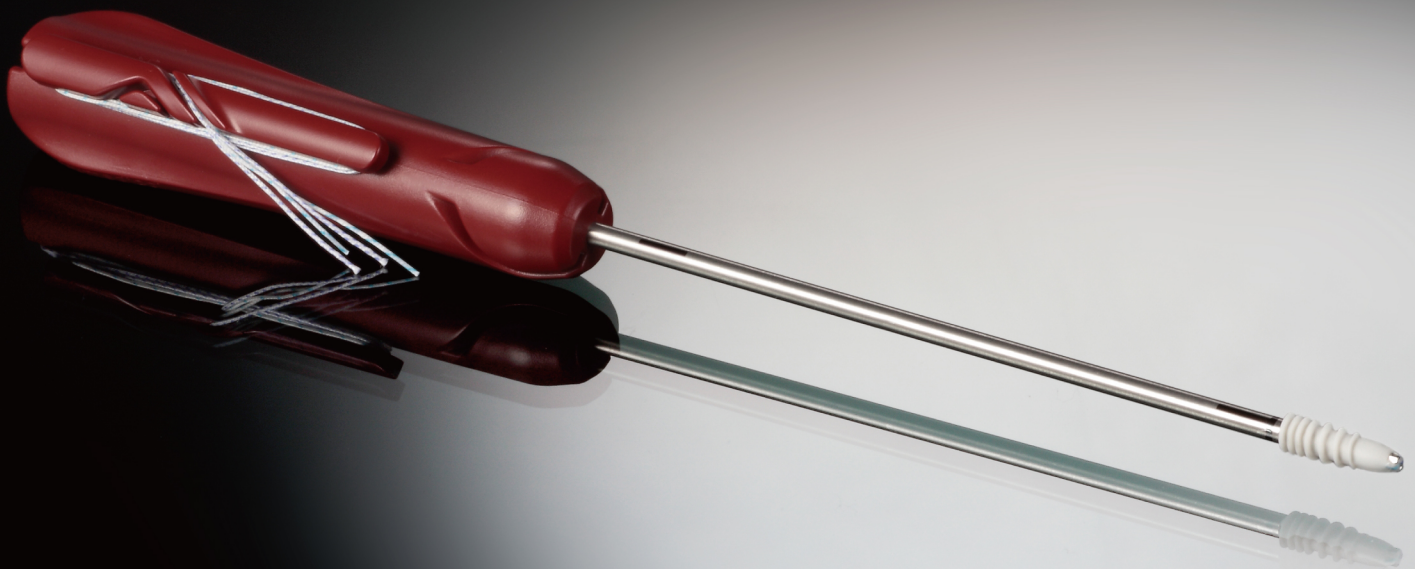· Improved new shaft design

[Self-Punching option]
· Extended shaft design enables a quick surgery without using additional instrument

[Dual thread]
· Dual thread pattern for cortical and cancellous bone fixation

[Biocomposite]
· The bioabsorbable anchor is made of biocomposite (PLGA/β-TCP) material

fixone®-SL
Biocomposite Suture Anchor

· The fixone-SL is intended for use as a fixation device for Bankart & SLAP repair.

· The bioabsorbable anchor is made of biocomposite (PLGA/β-TCP) materials.

· The fixone-SL is push-in-type, bioabsorbable anchor that is preloaded with UHMWPE No.2 sutures.
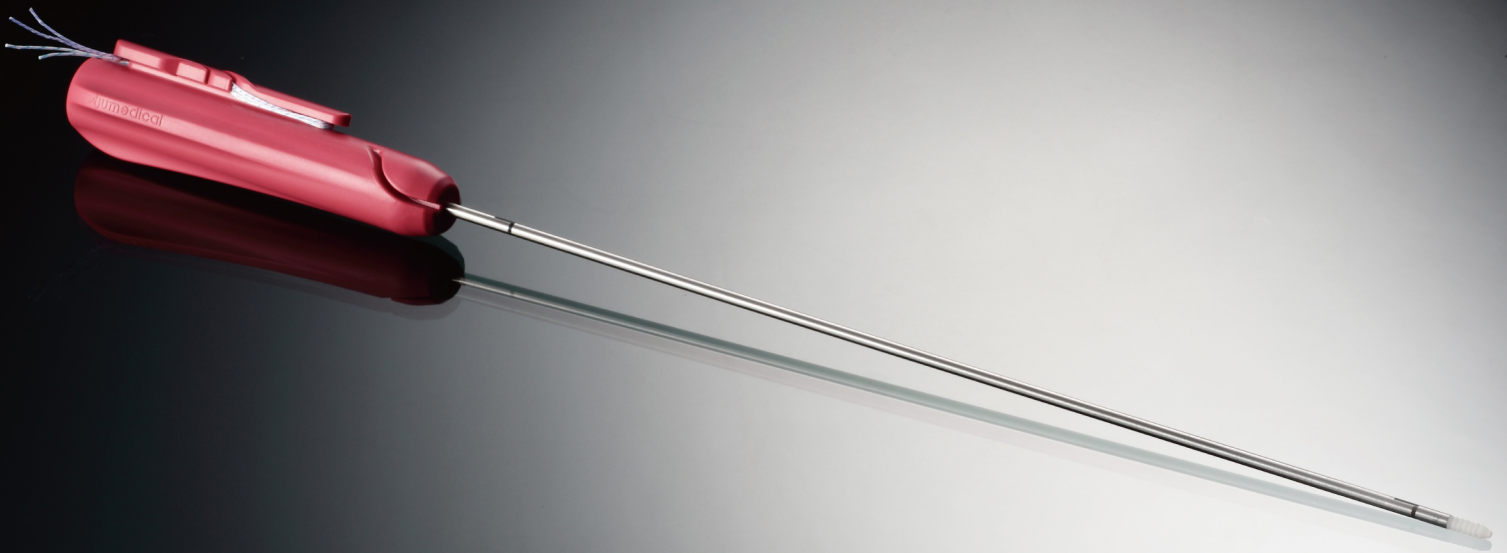
fixone®-S

Biocomposite Suture Anchor

· The fixone-S is designed for those who perform open and mini-open repairs.

· The fixone-S is push-in-type, bioabsorbable anchor that is preloaded with UHMWPE sutures and needles.

· The bioabsorbable anchor is made of biocomposite (PLGA/β-TCP) material.
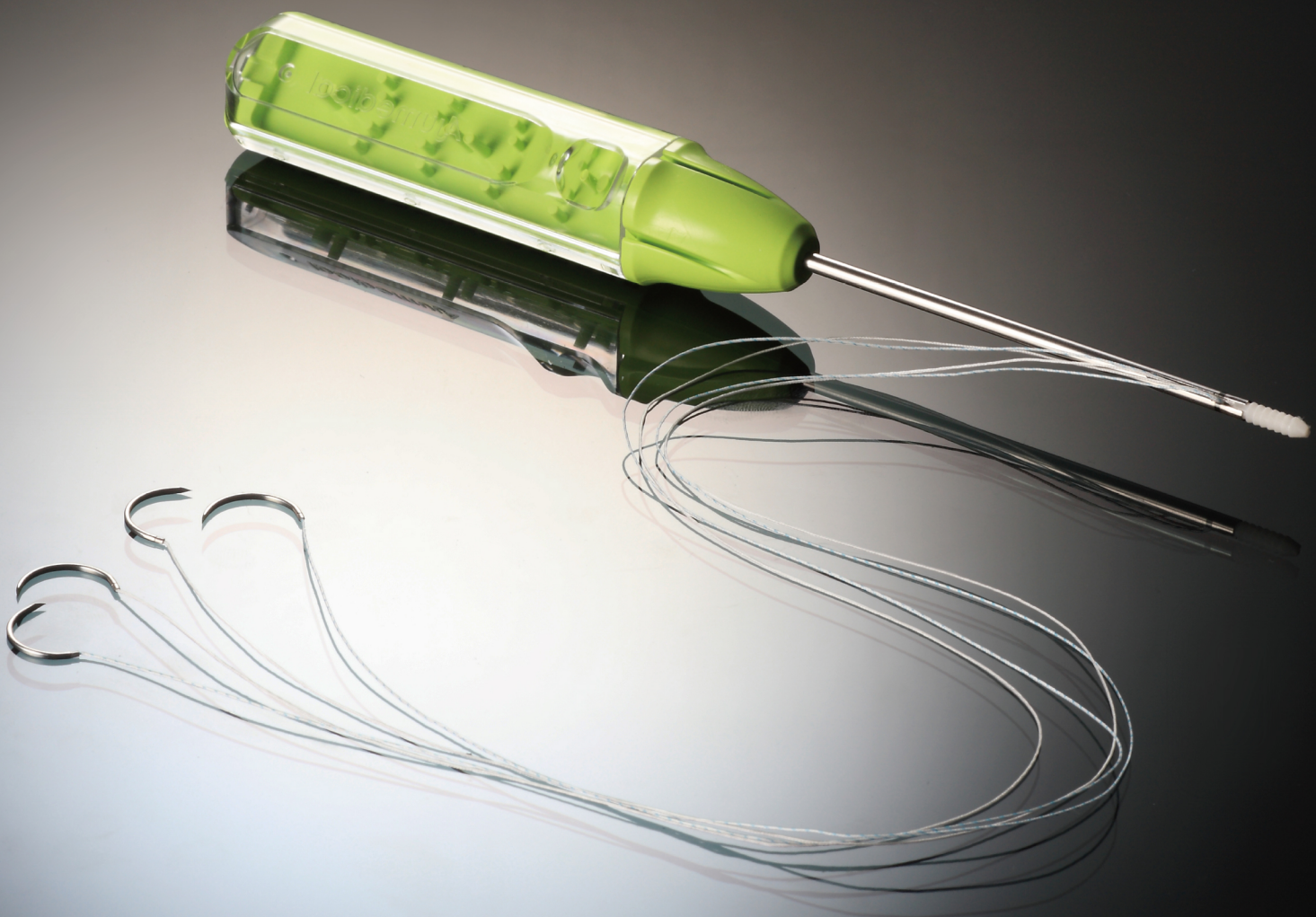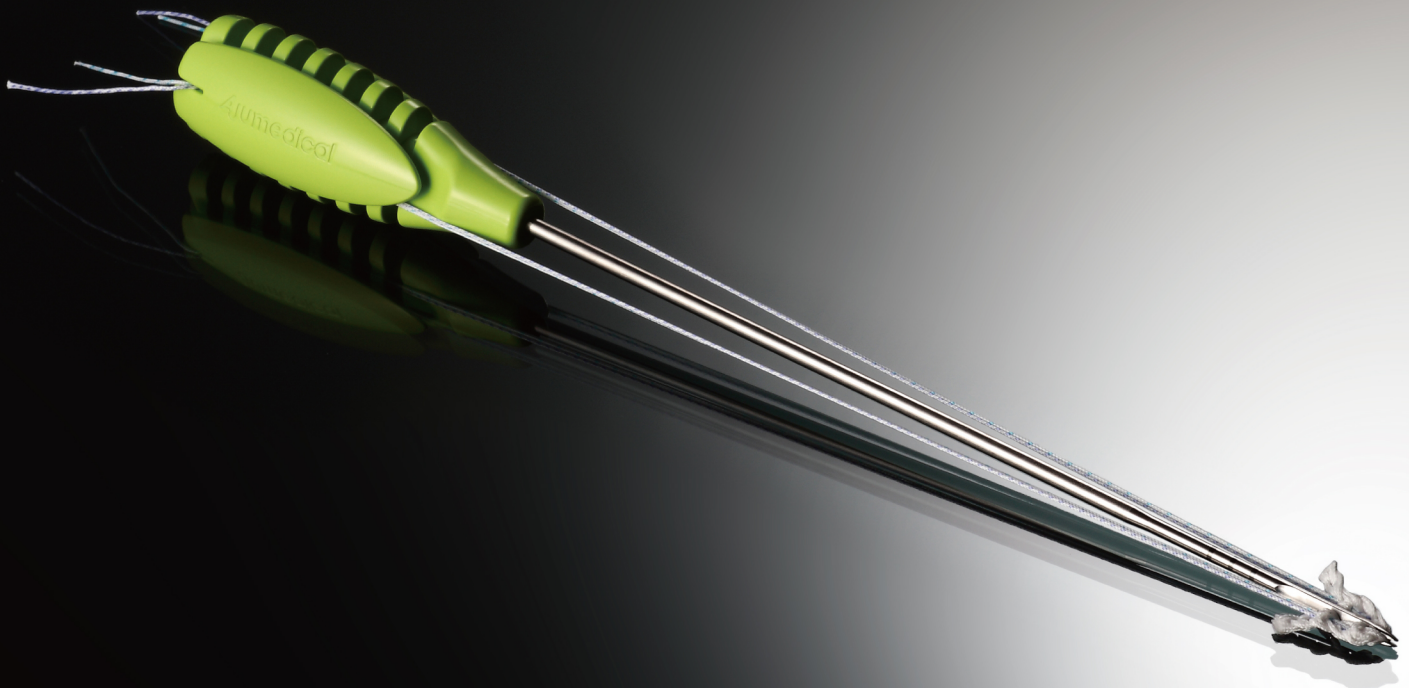
fixone®- J
All Suture Anchor

[Design]

· 'Fix-Suture' designed with creative structure
· Self-Punching

[Strength]

· Pull-out Testing : High Pull-out strength (Average Force 647.6N)
· Fatigue Testing : Superior durability (20,000 Cycle)
  ※ Reference : Test Report MD2018-00210 of KTC (Korea Testing Certification)

fixone®-I
Interference Screw

· The Fixone Interference Screw is made of biomaterials (beta-TCP, PLGA).

· The Fixone Interference Screw is intended for use as a fixation device for bone-patellar tendon-bone (BTB) during ACL, PCL reconstruction procedures and provide enough physical strength for fixation.

Instrument

Instrument for
Fixone-B Suture Anchor, Kc Knotless Anchor

	Item Code	Description	Anchor type
	• F.I.B – Awl450	Awl	Fixone-B, Kc
	• F.I.B – Awl550		Fixone-B, Kc
	• F.I.B – A&T450	Awl/Tapper	Fixone-B
	• F.I.B – A&T550		Fixone-B

Instrument for
Fixone-S Suture Anchor

	Item Code	Description	Anchor type
	• F.I.S – D/B300	Drill bit	Fixone-S
	• F.I.S – D/G300	Drill guide	Fixone-S

Instrument for
Fixone-SL Suture Anchor

	Item Code	Description	Anchor type
	• F.I.SL – D300	Drill bit	Fixone-SL
	• F.I.SL – G300	Drill guide	Fixone-SL
	• F.I.SL – Ob300	Obturator	Fixone-SL

Instrument for
Fixone-I Interference Screw

	Item Code	Description	Anchor type
	• F.I.I – T8090	Tapper	Fixone-I
	• F.I.I – Driver	Driver	Fixone-I

fixone®-JF Suture Anchor System
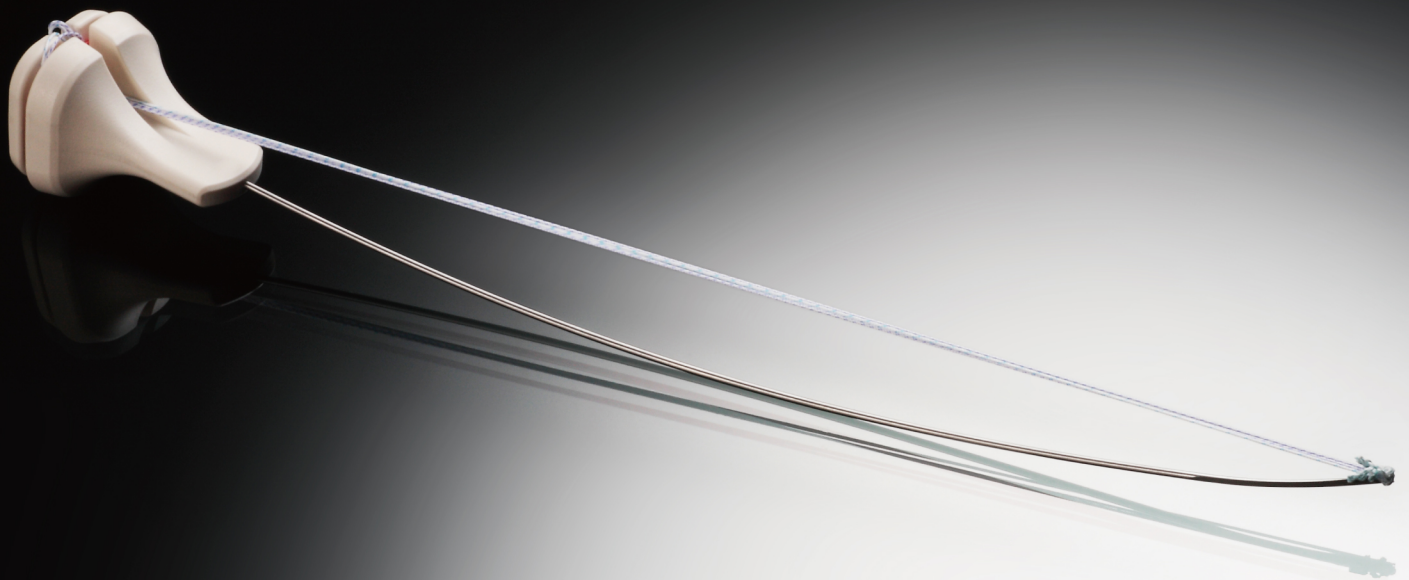# All Suture Anchor with Fix-Suture

fixone®-JF
All Suture Anchor Flexible

[Design]
· Flexible type all suture anchor
· 'Fix-Suture' designed with creative structure
· Shaft diameter : 1.6mm

[Strength]
· Pull-out Testing : High Pull-out strength (Average Force 168N)
· Fatigue Testing : Superior durability (20,000 Cycle)
※Reference : Test Report MD2019-00248 of KTC (Korea Testing Certification)

Ordering Information

EDIcode:D0303014(HIRA)

Fixone-JF Suture Anchor (Flexible Type All Suture Anchor)		
Fixone FAF-24615802	Fixone-JF 1.6mm All Suture Anchor with two UHMWPE Sutures	1/box
Fixone FAF-24615801	Fixone-JF 1.6mm All Suture Anchor with one UHMWPE Suture	1/box

Instrument for Fixone-JF Suture Anchor		
F.I.JF-D/G160	Drill guide for Fixone-JF 1.6mm Suture Anchor	EA
F.I.JF-D/B160	Drill bit for Fixone-JF 1.6mm Suture Anchor	EA

In-house training manual 191119-01

Ajupharm Co., Ltd. Medical Business Dept.

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Fax : 82-2-2636-7335
E-mail : jinkwon@ajupharm.co.kr
www.ajupharm.co.kr

Distributor:

JOINIX Cannula

• Disposable Cannula
Rigid, transparent, disposable cannula

- **Transparent cannula body** allows visualization of passing instrument or suture
- **Dual silicone seal** system to prevent fluid leakage
- Integrated flow **control valve**
- Disposable conical obturator included
- Packaged sterile, single-use, five per box

Ordering information

Fixone-B Suture Anchor (Biocomposite Suture Anchor)		Suture Color	EDI code : D0302014(HIRA)
Fixone BAB-45002ah	Fixone-B 4.5mm Suture Anchor with two UHMWPE Sutures	W, W/B	1/box
Fixone BAB-45002dh	Fixone-B 4.5mm Suture Anchor with two UHMWPE Sutures	W/V, W/B	1/box
Fixone BAB-45003ch	Fixone-B 4.5mm Suture Anchor with three UHMWPE Sutures	W,W/V, W/B	1/box
Fixone BAB-55002dh	Fixone-B 5.5mm Suture Anchor with two UHMWPE Sutures	W/V, W/B	1/box
Fixone BAB-55003ch	Fixone-B 5.5mm Suture Anchor with three UHMWPE Sutures	W, W/V, W/B	1/box
Fixone BAB-65002dh	Fixone-B 6.5mm Suture Anchor with twoUHMWPE Sutures	W/V, W/B	1/box
Fixone BAB-65003ch	Fixone-B 6.5mm Suture Anchor with three UHMWPE Sutures	W, W/V, W/B	1/box
Fixone-Kc Knotless Anchor (All-Biocomposite Knotless Anchor)		Suture Color	EDI code : D0302014(HIRA)
Fixone KAB-47501ca	Fixone—Kc 4.75mm Knotless Anchor with one UHMWPE Suture	W/V	1/box
Fixone KAB-47501da	Fixone—Kc 4.75mm Knotless Anchor with one UHMWPE Suture	W/B	1/box
Fixone KAB-55001ca	Fixone-Kc 5.5mm Knotless Anchor with one UHMWPE Suture	W/V	1/box
Fixone KAB-55001da	Fixone-Kc 5.5mm Knotless Anchor with one UHMWPE Suture	W/B	1/box
Fixone-N Suture Anchor (Biocomposite Suture Anchor)		Suture Color	EDI code : D0302014(HIRA)
Fixone NAB-47502d	Fixone-N 4.75mm Suture Anchor with two UHMWPE Sutures	W/V, W/B	1/box
Fixone NAB-55002d	Fixone-N 5.5mm Suture Anchor with two UHMWPE Sutures	W/V, W/B	1/box
Instrument for **Fixone-B** Suture Anchor, **Fixone-Kc** Knotless Anchor			
F.I.B-Awl450	Awl for Fixone-B 4.5mm Suture Anchor, Fixone-Kc 4.75mm Knotless Anchor		1/box
F.I.B-A&T450	Awl&Tapper for Fixone-B 4.5mm Suture Anchor		1/box
F.I.B-Awl550	Awl for Fixone-B 5.5mm Suture Anchor, Fixone-Kc 5.5mm Knotless Anchor		1/box
F.I.B-A&T550	Awl &Tapper for Fixone-B 5.5mm Suture Anchor		1/box
Fixone-SL Suture Anchor (Biocomposite Suture Anchor for Bankart & SLAP repair)		Suture Color	EDI code : D0302014(HIRA)
Fixone SAL-30001b	Fixone-SL 3.0mm Suture Anchor with one UHMWPE Suture	W/B	1/box
Fixone SAL-30002i	Fixone-SL 3.0mm Suture Anchor with two UHMWPE Sutures	W/V, W/B	1/box
Instrument for **Fixone-SL** Suture Anchor			
F.I.SL-D300	Drill bit for Fixone-SL 3.0mm Suture Anchor		1/box
F.I.SL-G300	Drill guide for Fixone-SL 3.0mm Suture Anchor		1/box
F.I.SL-Ob300	Obturator for Fixone-SL 3.0mm Suture Anchor		1/box
Fixone-S Suture Anchor (Biocomposite Small Suture Anchor)		Suture Color	EDI code : D0302014(HIRA)
Fixone SAB-30002e	Fixone-S 3.0mm Suture Anchor with two UHMWPE Sutures and needles	W, W/B	1/box
Instrument for **Fixone-S** Suture Anchor			
F.I.B-D/B300	Drill bit for Fixone-S 3.0mm Suture Anchor		1/box
F.I.B-D/G300	Drill guide for Fixone-S 3.0mm Suture Anchor		1/box
Fixone-J All Suture Anchor		Suture Color	EDI code : D0303014(HIRA)
Fixone FAJ-1652802iw	Fixone-J 2.5mm All Suture Anchor with two UHMWPE Sutures	W/V, W/B	1/box
Fixone-I Interference Screw (Biocomposite Screw)		Suture Color	EDI code : C2302014(HIRA)
Fixone IAB-80025a	Fixone-I 8.0mm Interference screw	-	1/box
Fixone IAB-90025a	Fixone-I 9.0mm Interference screw	-	1/box
Instrument for **Fixone-I** Interference Screw			
F.I.I-T8090	Tapper for Fixone-I Interference Screw		1/box
F.I.I-Driver	Driver for Fixone-I Interference Screw		1/box
Joinix Cannula System			EDI code : D1213014(HIRA)
Joinix ACT60072	6.0mm Joinix Cannula Threaded type		5/box
Joinix ACT82572	8.25mm Joinix Cannula Threaded type		5/box
Joinix ACAS60072	6.0mm Joinix Cannula Smooth type		5/box
Joinix ACS60072	6.0mm Joinix Cannula Partial threaded type		5/box

* **W** : White, **W / V** : White / Violet, **W / B** : White / Blue

Arthroscopy

Shaver Blades and Burs

Smith & Nephew® Dyonics®-Style Disposable Arthroscopy Shaver Blades and Burs

EDI code : N0031003(HIRA)

Smith & Nephew Compatible Blades	Full Radius		3.5mm
			4.5mm
			5.5mm
	Fast cut		3.5mm
			4.5mm
			5.5mm
	Clean Cut		3.5mm
			4.5mm
			5.5mm
Smith & Nephew Compatible Burs	Round Bur		4.5mm
			5.5mm
	Oval Bur		4.5mm
			5.5mm

Linvatec® – Style Disposable Arthroscopy Shaver Blades and Burs

EDI code : N0031003(HIRA)

Linvatec Compatible Blades	Full Radius		2.9mm
			3.5mm
			4.5mm
			5.5mm
	Fast cut		2.9mm
			3.5mm
			4.5mm
			5.5mm
	Clean Cut		2.9mm
			3.5mm
			4.5mm
			5.5mm
Linvatec Compatible Burs	Round Bur		2.9mm
			4.5mm
			5.5mm
	Oval Bur		4.5mm
			5.5mm

Stryker® – Formula Style Disposable Arthroscopy Shaver Blades and Burs

EDI code : N0031003(HIRA)

Stryker Compatible Blades	Full Radius		2.9mm
			3.5mm
			4.5mm
			5.5mm
	Fast cut		2.9mm
			3.5mm
			4.5mm
			5.5mm
	Clean Cut		2.9mm
			3.5mm
			4.5mm
			5.5mm
Stryker Compatible Burs	Round Bur		3.0mm
			4.5mm
			5.5mm
	Oval Bur		3.5mm
			5.5mm

Clean Pass™

- Secure-Lok™ suture needle connection - robust and reliable
- Reusable handle and semi-reusable suture hooks - consistent performance at a fraction of the disposable cost
- Two convenient suture loading ports for ergonomic flexibility
- Bevel ground, sharp, 1.6mm needles - atraumatic suture passage steadied by a robust hub
- Fits easily through an 8mm cannula
- Tip configurations to suit the most demanding applications
- Monofilament suture shuttle available
- Roller wheel replacement kit available for easy field replacement

Two Loading Ports, top and rear

Secure-Lok. Line up notch, tighten securely

ORDERING INFORMATION	
4100	CleanPass Suture Passing Handpiece
4101	CleanPass Suture Passing Needle - Medium Crescent
4102	CleanPass Suture Passing Needle - 45 Left
4103	CleanPass Suture Passing Needle - 45 Right
4104	CleanPass Suture Passing Needle - 90 Up
4107	CleanPass Suture Passing Needle - Small Crescent
4108	CleanPass Suture Passing Needle - Large Crescent
4109	CleanPass Suture Passing Needle - 60 Left
4110	CleanPass Suture Passing Needle - 60 Right

Care and Treatment

Support Cover

Shoulder & Knee Support
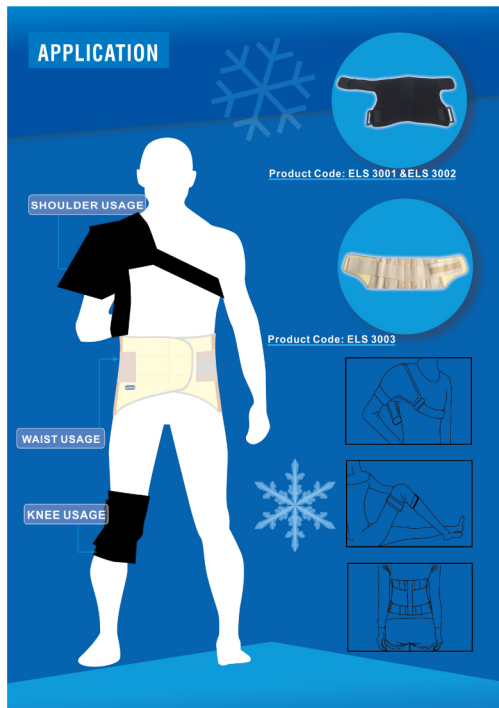
	EDI code : BC1206RL (HIRA)
Shoulder Support Cover	40/box

	EDI code : BC1002RL (HIRA)
Knee Support Cover	40/box

	EDI code : BC1212RL (HIRA)
Ankle/Elbow/Hip Support Cover	40/box

	EDI code : BC1205RL (HIRA)
Back Support Cover	40/box

Hot & Cold Pack

Hot & Cold Pack	40/box

Cooling Diagram
(room temperature 22℃)

Efficacy Zone

Frost Zone

25
20
12
5

10 20 30 40 50 60 70 80 90 100 110 120 130

— **Therapeutic Temperature**
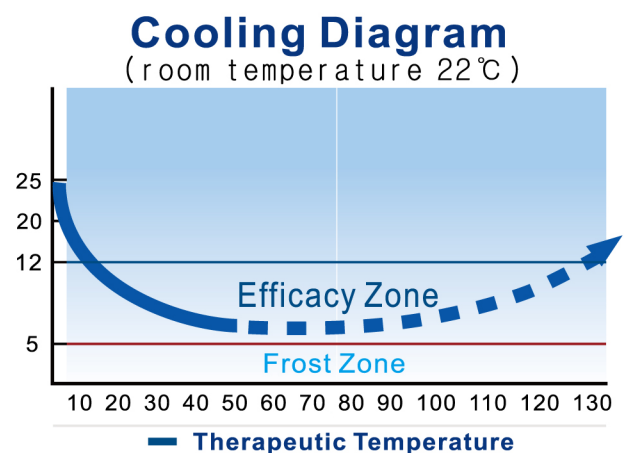
Reno:sil

ⓥReno:sil®은?

실리콘 스틱 제품으로 오래되거나 새로 생긴 비후성(Hypertrophic Scar) 반흔 또는 켈로이드성(Keloid) 흉터와 아문 상처의 관리에 사용하며, 실리콘을 이용하여 적용부위에 습윤환경을 유지하고 흉터를 옅어지게 하는 제품입니다.

| 켈로이드성 흉터 | 화상 후 흉터 | 비후성 반흔 | 수술 후 흉터 |
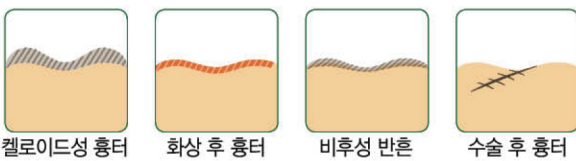
알로에베라와 비타민 E가 첨가되어 피부의 보습효과와 수분 밸런스 유지 기능을 강화시켰습니다.

Aloe vera
피부진정 및 보습 강화

Vitamin E
피부보습 및 항산화 작용

Reno therapy for scars
incl. Aloe Vera & Vitamin E
5 g
ⓥReno:sil
레노실®

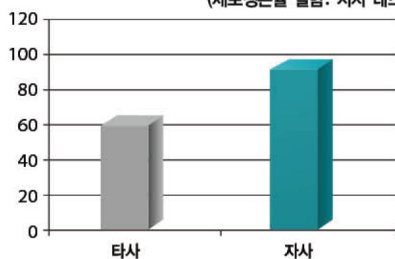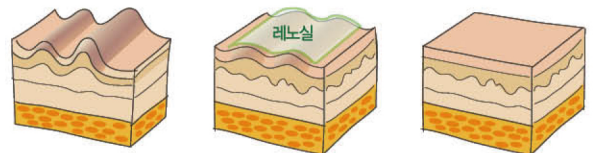## ⓥReno:sil® 특장점

- 흉터관리에 적합하도록 안전하게 설계된 제품입니다.
- 크림이나 연고와 달리 손을 사용하지 않고 직접 흉터에 바를 수 있어서 위생적입니다.
- 사용하기 편리하고 바른 후 투명하므로 깨끗합니다.
- 얼굴, 목, 노출 부위 및 신체 모든 부위에 사용할 수 있고 굴곡진 부위에도 쉽게 사용할 수 있습니다.
- 작은 사이즈로 휴대가 편리합니다.

(세포생존율 실험: 자사 테스트)

	타사	자사
120		
100		
80		
60		
40		
20		
0		

ⓥReno:sil® 흉터관리

- 새로 아문 흉터, 오래된 흉터부위를 줄어들게 합니다.

레노실

Renosil	EDI code : BM5001GJ (HIRA)
5g	1/box
15g	1/box

MEMO

Ajupharm Co., Ltd. Medical Business Dept.

AJU medical

Ajupharm Co., Ltd. Medical Business Dept.

Distributor: