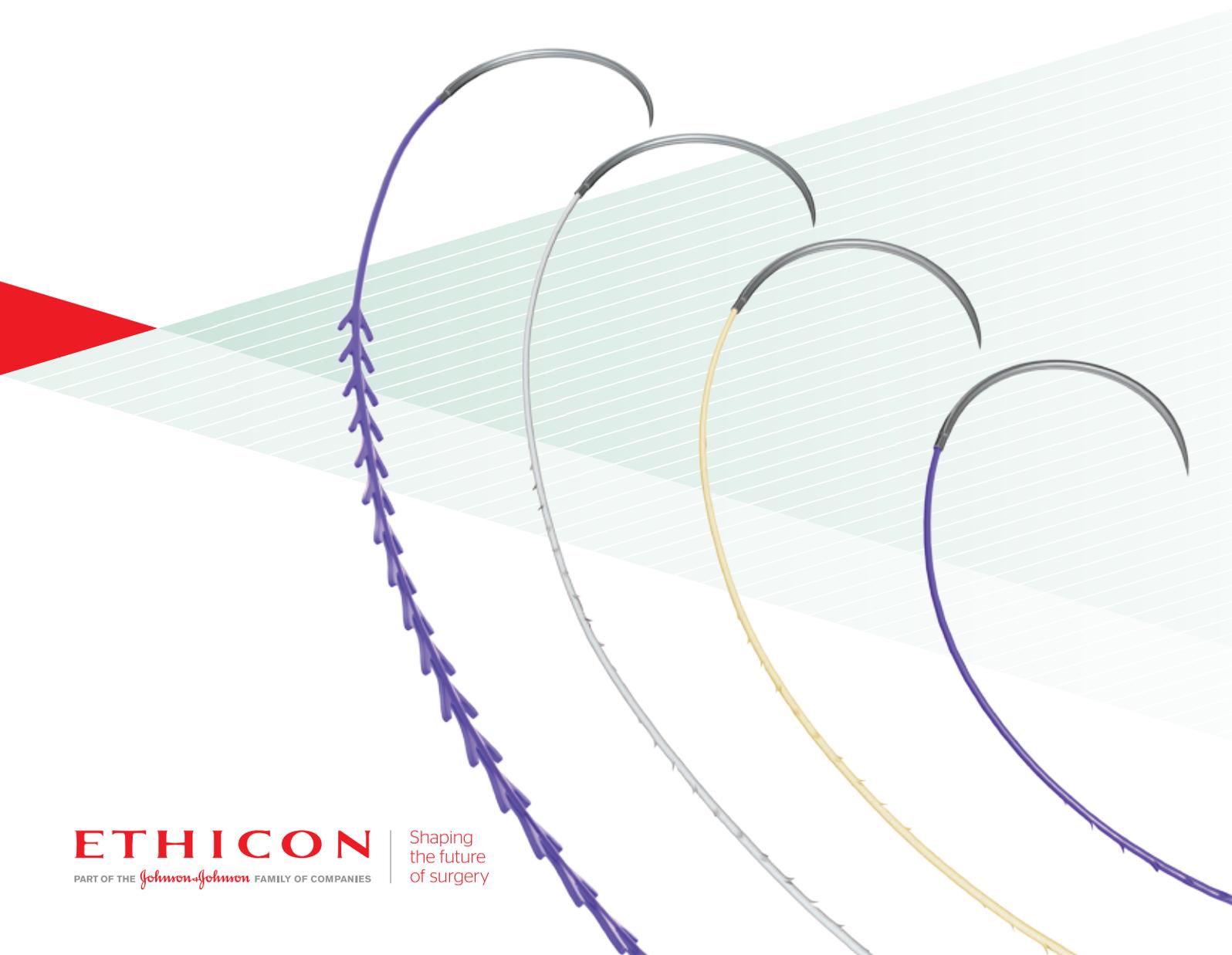


Stratafix™

STRATAFIX™ Knotless Tissue Control Device Portfolio Product Catalog

A versatile portfolio to meet your wound closure needs



ETHICON
PART OF THE *Johnson & Johnson* FAMILY OF COMPANIES

Shaping
the future
of surgery

STRATAFIX™ Knotless Tissue Control Devices

The most versatile portfolio to meet your wound closure needs

Multiple anchor designs and patterns provide more versatility and a unique combination of benefits¹

STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Device

The **only** knotless tissue device that provides strong, secure closure appropriate for high-tension areas such as **fascia**^{1,*}

Symmetric



Superior tissue holding strength compared to PDS™ Plus Antibacterial (polydioxanone) loop continuous technique, VICRYL™ interrupted technique, and V-LOC™ 180¹²



STRATAFIX™ Symmetric PDS™ Plus Device offers **Plus antibacterial technology** to address known risk factors associated with SSI¹

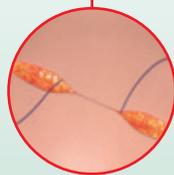
STRATAFIX™ Spiral Knotless Tissue Control Device

A broad range of **bidirectional** and **unidirectional** devices, offers the **smooth glide** of a traditional suture^{1,3-9}

Spiral



Anchors formed within the core of the device in a **spiral** pattern¹⁰



Bidirectional design allows for management of tension from the middle



Unidirectional design, **with Plus antibacterial technology**, has adjustable loop on end¹

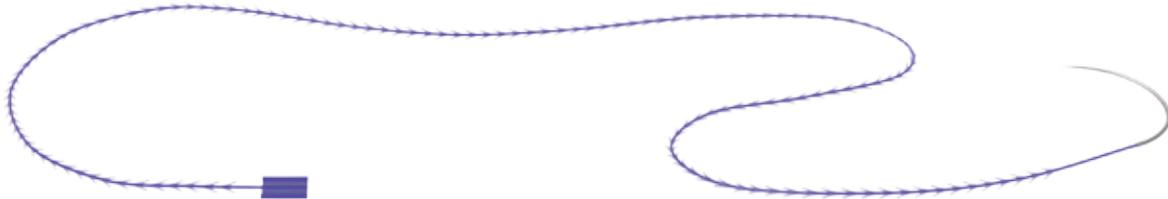


* Refers to STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Device Only.

**The petri dish image is for illustrative purposes only, zone of inhibition testing results can vary. Variance in testing results does not impact bacterial colonization.

In a pre-clinical study, STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Device provided greater wound holding strength than traditional running sutures of the same size and polymer, while eliminating knot-related complications.^{1,11}

- **Only Ethicon** offers tissue control devices, with Plus antibacterial technology, that provide appropriate strength for closing high-tension areas, such as **fascia**^{1,*}
- **Superior tissue holding strength** compared to interrupted technique with Coated VICRYL™ (polyglactin 910) Suture, continuous technique with PDS™ II (polydioxanone) Suture, and V-Loc™ 180 Wound Closure Device.^{1,11}
- **Plus Antibacterial technology** designed to address a known risk factor for SSIs¹



STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Device - Dyed

Needle	Size** Length (cm)	4-0	3-0	2-0	0	1
19 mm, 3/8 Circle Reverse Cutting, PS-2	45		SXPP1A101			
24 mm, 3/8 Circle Reverse Cutting, PS-1	45		SXPP1A100			
36 mm, 1/2 Circle Reverse Cutting, OS-6	45				SXPP1A200	SXPP1A201
26 mm, 1/2 Circle Taper Point, SH	45		SXPP1A410	SXPP1A409		
26 mm, 1/2 Circle Taper Point, CT-2	45			SXPP1A408	SXPP1A407	
36 mm, 1/2 Circle Taper Point, CT-1	45			SXPP1A403	SXPP1A401	SXPP1A404
40 mm, 1/2 Circle Taper Point, CT	45				SXPP1A406	SXPP1A405
48 mm, 1/2 Circle Taper Point, CTX	45				SXPP1A402	SXPP1A400
36 mm, 1/2 Circle Taper Point, Ethiguard® Safety Needle, CTB-1	45					SXPP1A301
48 mm, 1/2 Circle Taper Point, Ethiguard® Safety Needle, CTXB	45				SXPP1A302	SXPP1A300

* Refers to STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Device Only.

** Sizing shown represents tensile strength. See IFU for additional information.

STRATAFIX™ Spiral Knotless Tissue Control Device: Unidirectional

Provides added consistency and efficiency for skin and subcutaneous tissue where tension has been relieved by deeper closure.¹

- Closure begins at one end of an incision, for a familiar wound-closure technique¹
- Adjustable fixation loop secures the device without the need for tying a knot¹
- Suitable for organ closure when additional tension control is appropriate
- Offers Plus antibacterial technology to address risk factors associated with SSI^{12,13}



STRATAFIX™ Spiral MONOCRYL™ Plus Knotless Tissue Control Device - Undyed							
Needle		Size* Length (cm)	4-0	3-0	2-0	0	1
26 mm, 1/2 Circle Taper Point, SH		15			SXMP1B408		
		20		SXMP1B427	SXMP1B409		
		30			SXMP1B410		
		70	SXMP1B437	SXMP1B428			
36 mm, 1/2 Circle Taper Point, CT-1		15			SXMP1B411		
		30			SXMP1B412		
		45		SXMP1B429	SXMP1B413		
		70			SXMP1B414		
26 mm, 1/2 Circle Taper Point, CT-2		15			SXMP1B415		
		30			SXMP1B416		
		45			SXMP1B417		
36 mm, 1/2 Circle Reverse Cutting, CP-1		70			SXMP1B419		
26 mm, 1/2 Circle Reverse Cutting, CP-2		30			SXMP1B420		
30 mm, 3/8 Circle Reverse Cutting, PSL		70			SXMP1B421		
17 mm, 1/2 Circle Taper Point, RB-1		15	SXMP1B434	SXMP1B424			
		30	SXMP1B435	SXMP1B425			
		70	SXMP1B436	SXMP1B426			

* Sizing shown represents tensile strength. See IFU for additional information.

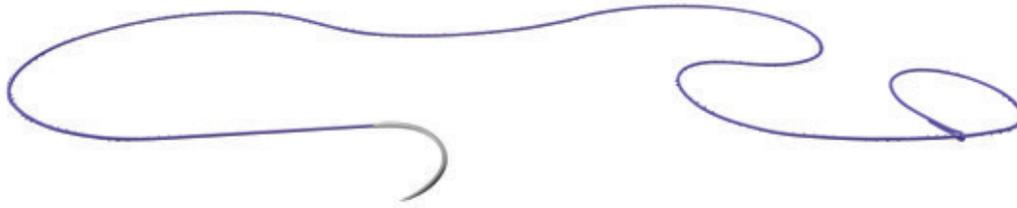
STRATAFIX™ Spiral Knotless Tissue Control Device: Unidirectional (continued)

STRATAFIX™ Spiral MONOCRYL™ Plus Knotless Tissue Control Device - Undyed						
Needle	Size* Length (cm)	4-0	3-0	2-0	0	1
24 mm, 3/8 Circle Reverse Cutting, PS-1 	30	SXMP1B114	SXMP1B101			
	45	SXMP1B115	SXMP1B102			
	60		SXMP1B103			
	70	SXMP1B116	SXMP1B104			
19 mm, 3/8 Circle Reverse Cutting, PS-2 	15		SXMP1B105			
	30	SXMP1B117	SXMP1B106			
	45	SXMP1B118	SXMP1B107			
	60		SXMP1B108			
	70	SXMP1B119	SXMP1B109			
26 mm, 3/8 Circle Reverse Cutting, PS 	30		SXMP1B110			
	45		SXMP1B111			
	70		SXMP1B113			
17 mm, 3/8 Circle Taper Point, BB 	15		SXMP1B430			
	30		SXMP1B431			
19 mm, Straight Taper Point, ST-4 	15		SXMP1B432			
	30		SXMP1B433			
16 mm, 1/2 Circle Reverse Cutting, PS-4 	45	SXMP1B120				

STRATAFIX™ Spiral Polypropylene Knotless Tissue Control Device - Undyed						
Needle	Size* Length (cm)	4-0	3-0	2-0	0	1
22 mm, 1/2 Circle Taper Point, SH-1 	30			SXPL1B400		

* Sizing shown represents tensile strength. See IFU for additional information.

STRATAFIX™ Spiral Knotless Tissue Control Device: Unidirectional (continued)



STRATAFIX™ Spiral PDS™ Plus Knotless Tissue Control Device - Dyed

Needle		Size* Length (cm)	4-0	3-0	2-0	0	1**
36 mm, 1/2 Circle Reverse Cutting, OS-6		45					SXPP1B201
		70					SXPP1B203
36 mm, 1/2 Circle Reverse Cutting, OS-8		70					SXPP1B204
36 mm, 1/2 Circle Taper Point, MO-4		70					SXPP1B205
36 mm, 1/2 Circle Taper Point, CT-1		15			SXPP1B409	SXPP1B406	
		30			SXPP1B410	SXPP1B450	SXPP1B429
		45			SXPP1B411	SXPP1B407	SXPP1B430
		70			SXPP1B412	SXPP1B408	SXPP1B431
48 mm, 1/2 Circle Taper Point, CTX		70					SXPP1B401
		90					SXPP1B402
26 mm, 1/2 Circle Reverse Cutting, CP-2		45				SXPP1B202	SXPP1B403
36 mm, 1/2 Circle TAPERCUT™, V-34		30				SXPP1B404	
48 mm, 1/2 Circle Taper Point, CT-2		15				SXPP1B413	
		30				SXPP1B405	
		70		SXPP1B425		SXPP1B414	
31 mm, 1/2 Circle Taper Point, MO-5		70				SXPP1B451	
19 mm, Circle Taper Point, EN-S		30				SXPP1B452	
26 mm, 3/8 Circle Reverse Cutting, FS		45			SXPP1B101		
		70			SXPP1B102		

* Sizing shown represents tensile strength. See IFU for additional information.

** CE mark pending. For internal use only! Not for distribution to customers

STRATAFIX™ Spiral Knotless Tissue Control Device: Unidirectional (continued)

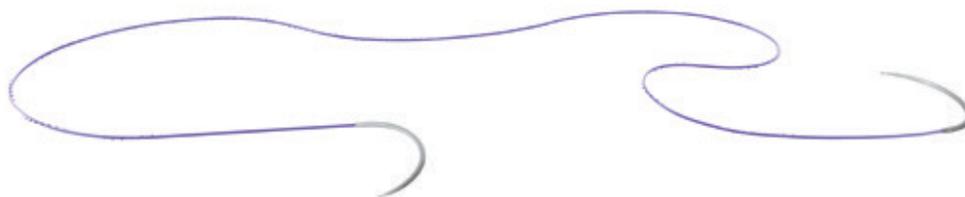
STRATAFIX™ Spiral PDS™ Plus Knotless Tissue Control Device - Dyed							
Needle		Size* Length (cm)	4-0	3-0	2-0	0	1
26 mm, 1/2 Circle Taper Point, SH		15		SXPP1B420	SXPP1B415		
		30			SXPP1B416		
		70	SXPP1B426	SXPP1B421	SXPP1B417		
26 mm, 1/2 Circle TAPERCUT™, V-7		30			SXPP1B418		
26 mm, 5/8 Circle Taper Point, UR-6		30			SXPP1B419		
19 mm, 3/8 Circle Reverse Cutting, PS-2		15	SXPP1B111	SXPP1B103			
		30	SXPP1B112	SXPP1B104			
		45	SXPP1B113	SXPP1B105			
		70	SXPP1B114	SXPP1B106			
26 mm, 3/8 Circle Reverse Cutting, PS		30		SXPP1B107			
		45	SXPP1B118	SXPP1B108			
		70		SXPP1B109			
24 mm, 3/8 Circle Reverse Cutting, PS-1		30	SXPP1B115				
		45	SXPP1B116				
		60	SXPP1B117				
		70		SXPP1B110			
17 mm, 1/2 Circle Taper Point, RB-1		15	SXPP1B427	SXPP1B422			
		30	SXPP1B428				
		70		SXPP1B423			
19 mm, Straight Taper Point, ST-4		15		SXPP1B424			

* Sizing shown represents tensile strength. See IFU for additional information.

STRATAFIX™ Spiral Knotless Tissue Control Device: Bidirectional

Allows for management of tension from the middle for control over tissue approximation in challenging conditions like non-linear incisions and larger open wounds.

- Secured with a backstitch or lateral stitch on both ends to finish
- 360-degree spiral anchor patterns¹
- Bidirectional anchors start in the middle and move toward the needles on each end¹⁰



STRATAFIX™ Spiral PDO Knotless Tissue Control Device - Dyed							
Needle		Size* Length (cm)	4-0	3-0	2-0	0	1
19 mm, 3/8 Circle Reverse Cutting, FS-2		7 x 7 14 x 14	SXPD2B422 SXPD2B423				
26 mm, 3/8 Circle Reverse Cutting, FS		14 x 14 24 x 24		SXPD2B417 SXPD2B419	SXPD2B418 SXPD2B420		
26 mm, 1/2 Circle Reverse Cutting, CP-2		24 x 24				SXPD2B415	SXPD2B416
36 mm, 1/2 Circle Reverse Cutting, OS-6		24 x 24 30 x 30					SXPD2B200 SXPD2B201
40 mm, 1/2 Circle Reverse Cutting, OS-8		36 x 36					SXPD2B202
17 mm, 3/8 Circle Tapercut, V-4		24 x 24	SXPD2B426				
26 mm, 3/8 Circle Tapercut, V-26		14 x 14 24 x 24	SXPD2B425 SXPD2B424				
22 mm, 1/2 Circle Taper Point, CT-3		14 x 14				SXPD2B404	
26 mm, 1/2 Circle Taper Point, SH		10 x 10 14 x 14			SXPD2B413 SXPD2B414		

*Sizing shown represents tensile strength. See IFU for additional information.

STRATAFIX™ Spiral Knotless Tissue Control Device: Bidirectional (continued)

STRATAFIX™ Spiral PDO Knotless Tissue Control Device - Dyed							
Needle		Size* Length (cm)	4-0	3-0	2-0	0	1
36 mm, 1/2 Circle Taper Point, MH		7 x 7			SXPD2B406		
		14 x 14			SXPD2B407	SXPD2B409	
		24 x 24			SXPD2B408	SXPD2B410	
		30 x 30				SXPD2B411	
		36 x 36				SXPD2B412	
36 mm, 1/2 Circle Taper Point, CT-1		14 x 14					SXPD2B401
		24 x 24					SXPD2B402
		30 x 30					SXPD2B403
36 mm, 1/2 Circle Taper Point, MO-4		36 x 36					SXPD2B400
48 mm, 1/2 Circle Taper Point, CTX		36 x 36					SXPD2B405

* Sizing shown represents tensile strength. See IFU for additional information.

STRATAFIX™ Spiral Knotless Tissue Control Device: Bidirectional (continued)



STRATAFIX™ Spiral PGA-PCL Knotless Tissue Control Device - Undyed

Needle		Size* Length (cm)	4-0	3-0	2-0	0	1
19 mm, 3/8 Circle Reverse Cutting, FS-2		7 x 7	SXMD2B405	SXMD2B404			
		14 x 14	SXMD2B407	SXMD2B406			
		30 x 30	SXMD2B409	SXMD2B408			
24 mm, 3/8 Circle Reverse Cutting, FS-1		30 x 30	SXMD2B150†	SXMD2B410			
26 mm, 3/8 Circle Reverse Cutting, FS		14 x 14		SXMD2B411			
		30 x 30	SXMD2B413	SXMD2B412			
26 mm, 1/2 Circle Reverse Cutting, CP-2		14 x 14			SXMD2B414		
17 mm, 1/2 Circle Taper Point, RB-1		16 x 16	SXMD2B403	SXMD2B402			
36 mm, 1/2 Circle Taper Point, MH		14 x 14			SXMD2B400		
		36 x 36			SXMD2B401		

† Labeled as Ger PS-1.

* Sizing shown represents tensile strength. See IFU for additional information.

STRATAFIX™ Spiral Knotless Tissue Control Device: Bidirectional (continued)



STRATAFIX™ Spiral Polypropylene Knotless Tissue Control Device - Undyed

Needle	Size* Length (cm)	4-0	3-0	2-0	0	1
22 mm, 1/2 Circle Taper Point, CT-3 	14 x 14				SXPL2B401	
36 mm, 1/2 Circle Taper Point, CT-1 	24 x 24					SXPL2B400

*Sizing shown represents tensile strength. See IFU for additional information.

The **most versatile** knotless tissue control device portfolio

Tissue Type	Healing ^{5,6}	STRATAFIX™ Symmetric PDS™ Plus	STRATAFIX™ Spiral MONOCRYL™ Plus	STRATAFIX™ Spiral PDS™ Plus	STRATAFIX™ Spiral Polypropylene
Skin (subcuticular)	1-2 weeks		✓		
Fat (subcutaneous)	1-2 weeks	✓	✓	✓	
Fascia	3+ weeks	✓			
Deep Tissue	4-6 weeks	✓		✓	
Organ	Varies	✓*		✓*	✓*

Delivering more security, more consistency,^{2-9,†} and more efficiency^{2-9,†}

More Security - More strength and security compared to interrupted suturing, without knot-related complications¹¹

More Consistency - More consistent tension control and approximation during closure^{1,†}

More Efficiency - More efficient than continuous or interrupted suturing^{1,†}

Get more with STRATAFIX™

Only Ethicon offers tissue control devices, with Plus antibacterial technology, that provide appropriate strength for closing high-tension areas, such as **fascia**^{1,‡}

* Please always refer to the Instructions for Use / Package Insert that come with the device for the most current and complete instructions.

† Compared to traditional sutures. ‡ Refers to STRATAFIX™ Symmetric PDS™ Plus Device only.

References: **1.** Data on file, Ethicon, Inc. STRATAFIX™ Knotless Tissue Control Devices Consolidated Claims Matrix 060056-160915 EMEA. **2.** Ethicon, AST-2013-0603. Performance Testing of STRATAFIX™ SYMMETRIC PDS™ PLUS Size 0 & 1 Devices - Initiation Strength in Porcine Tissue. Data on File. April 2014. **3.** Moran ME, Marsh C, Perrotti M. Bidirectional-barbed sutured knotless running anastomosis v classic Van Velthoven suturing in a model system. *J Endourol.* 2007;21(10):1175-8. **4.** Vakil JJ, O'Reilly MP, Sutter EG, et al. Knee arthroscopy repair with a continuous barbed suture: a biomechanical study. *J Arthroplasty.* 2011;26(5):710-3. **5.** Rodeheaver GT, Piñeros-Fernandez A, Salopek LS, et al. Barbed sutures for wound closure: in vivo wound security, tissue compatibility and cosmesis measurements. In: Transactions from the 30th Annual Meeting of the Society for Biomaterials; Mount Laurel, NJ; p. 232. **6.** Eickmann T, Quane E. Total knee arthroplasty closure with barbed sutures. *J Knee Surg.* 2010;23(3):163-167. **7.** Einarsson JJ, Chavan NR, Suzuki Y, et al. Use of bidirectional barbed suture in laparoscopic myomectomy: evaluation of perioperative outcomes, safety, and efficacy. *J Minim Invasive Gynecol.* 2011;18(1):92-95. **8.** Levine BR, Ting N, Della Valle CJ. Use of a barbed suture in the closure of hip and knee arthroplasty wounds. *Orthopedics.* 2011;34(9):e473-e475. **9.** Warner JP, Gutowski KA. Abdominoplasty with progressive tension closure using a barbed suture technique. *Aesthet Surg J.* 2009;29(3):221-225. **10.** Ethicon Inc, SFX-487-13, Monoderm CAD Drawings, Aug 2012, Data on File. **11.** Ethicon, 100326296: Time Zero Tissue Holding - Competitive Claims Comparisons for STRATAFIX™ Knotless Tissue Control Devices vs Various Products. Data on File. May 2015.

Please always refer to the Instructions for Use / Package Insert that come with the device for the most current and complete instructions.

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