

# BARB-E™

## BARBED SUTURE For Knotless Tissue Closure

A new technology in surgical sutures that closes tissues quickly, efficiently and securely



EASY. EFFECTIVE. ECONOMICAL

# BARB-E™ 180

POLYDIOXANONE

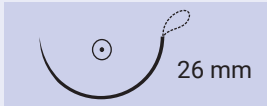
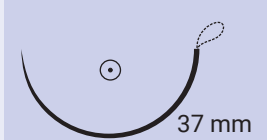
BARB-E™ is available as Barb-E 180 monofilament polydioxanone thread having 60% retention in 14 days and complete absorption in 180 - 210 days.

**Barb-E 180 Polydioxanone** is available with both Unidirectional and Bi-directional barbs.

<b>Brand</b>	<b>Barb-E 180 Polydioxanone</b>
Construction	Monofilament barbed
Tensile strength	90% at 7 days; 60% at 14 days
Absorption Time	Completely absorbed in 180 - 210 days
Sterilization	100% Ethylene Oxide
Available in Sizes	3-0, 2-0, 0
Colour	Violet
Shelf Life	5 years
Packaging	Box of 4 sutures

Synthetic Absorbable Barbed Sutures - Poly(P-dioxanone) Monofilament Unidirectional with variable end loop.

## TAPER POINT

Needle Length	Needle Profile	Suture Length	Suture Size		
			3-0	2-0	0
 26 mm	½ Circle	20 cm	LBDU0644		
		30 cm		LBDU0615	
 37 mm	½ Circle	15 cm			LBDU0306
		30 cm		LBDU0315	LBDU0316
		45 cm			LBDU0326


Other needle-suture combinations for unidirectional and bi-directional barbed sutures (7cm & 14cm) that are not listed, can also be provided on request.

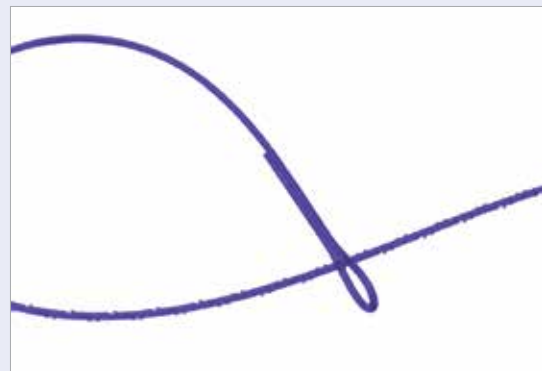
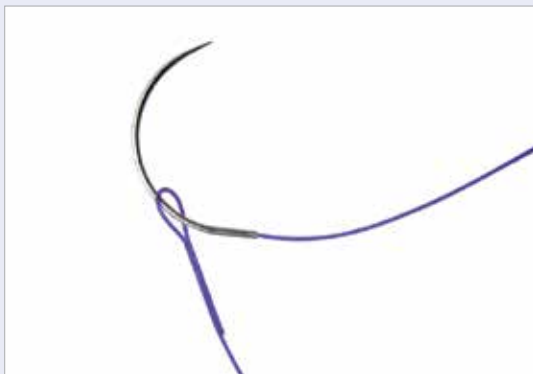
# BARB-E™ PP

POLYPROPYLENE

BARB-E™ is also offered as **Barb-E PP** monofilament polypropylene the tried-and-trusted suture material, with both Unidirectional and Bi-directional barbs.

<b>Brand</b>	<b>Barb-E PP Polypropylene</b>
Construction	Monofilament barbed
Tensile strength	Permanent
Absorption Time	Non absorbable
Sterilization	100% Ethylene Oxide
Available in Sizes	1
Colour	Grey
Shelf Life	5 years
Packaging	Box of 4 sutures

Needle Length	Needle Profile	Suture Length	Suture Size
 36 mm	½ Circle	20 cm	1



# BARB-E™

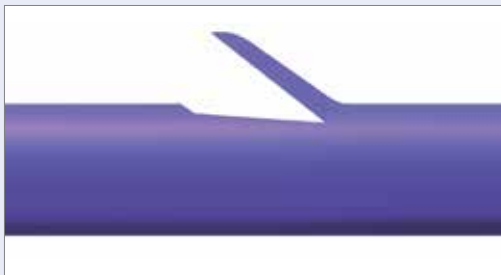
## Indications

Both **BARB-E™ 180 Polydioxanone & BARB-E PP Polypropylene** suture are indicated for soft tissue approximation where use of an absorbable & non absorbable suture is appropriate.

## Barb Design

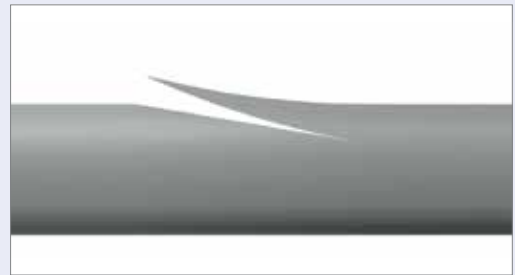
BARB-E™ suture design utilizes a dual-angle cut that creates a strong anchoring barbs while maintaining the strand's integrity. Barb-B also has the convenience of variable loop for ease of anchoring.

### BARB-E™: Superior Dual-angle Cut



Lower-cut angle produces barbs with strong anchoring force and the shallow cut-depth preserves the integrity of the strand's strength

### Competing Sutures: Single-angle Cut



Higher-cut angle produces flimsy barbs and the deeper cut-depth results in the compromise of the strand's strength

## Advantages over Conventional Sutures

- No change in surgical technique
- Saves time
- No need for an extra hand
- Less material required
- More evenly distributed tension, more easily controlled
- Prevents knot complications and infections
- More Security - more strength and security compared to interrupted suturing, without Knot-related complications
- More Consistency - more consistent tension control and approximation during closure
- More Efficiency - more efficient than continuous or interrupted suturing



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