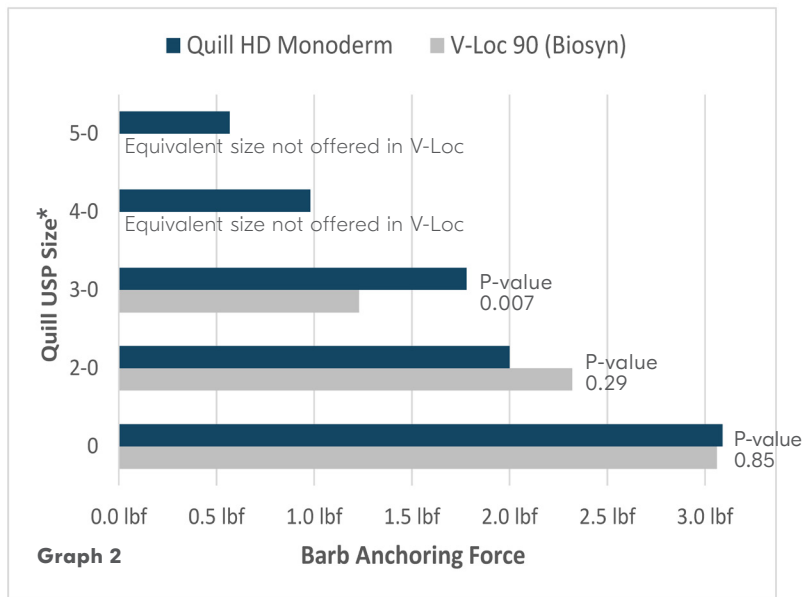
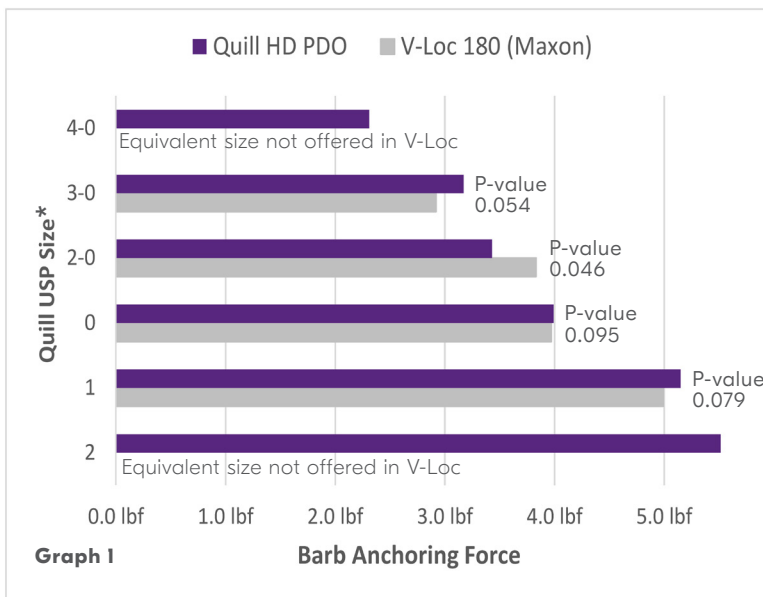


Secure your tissue closure with Quill HD barbs.

High Density (HD) barbs are tightly arranged in a helical pattern providing 3D tissue anchoring.

Quill has similar barb anchoring strength to V-Loc and offers a broader range of USP sizes.[#]

Graphs 1 and 2. Barb anchoring strength testing was performed in subcuticular porcine tissue comparing Quill to the equivalent V-Loc suture thread size, n=5.



*See Table 1. Equivalent USP Size.

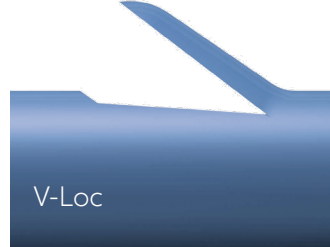
"I was amazed at how smooth the barbs on the Quill suture went through the tissue and still had a strong hold. This is one of the many reasons why I made the switch from V-Loc."[§]

Dr. Agostino Cervone, MD, FACS | Director General Robotic Surgery, Riverhead, NY

Shallow cut depth barbs[#] may make tissue penetration more challenging.



Quill barbs retract into the core passing smoothly through tissue and anchors for a secure fixation.



V-Loc's dual-angle cut barb design results in a shallow cut depth barb[#] which may contribute to the barbs' stiffness. Therefore, may make tissue penetration challenging.¹

"Quill suture has less intrinsic stiffness than V-Loc. Barbs induce less trauma while maintaining an equivalent grip."[§]

Dr. Ervin Teper, MD | Urology, Brooklyn, NY

[§] **Disclaimer:** The testimonial reflects the surgeon's personal opinion and experience, which may not represent other surgeons or the medical community. Results may vary, consult all relevant data for clinical decisions.

Suture Sizing Explained.

Manufacturers have different approaches to labeling.

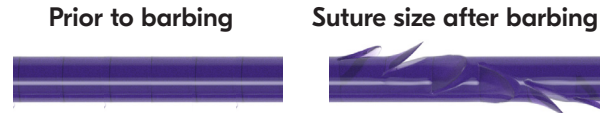
Quill's USP size is assigned before the barbing process, matching the non-barbed suture size.² Competitors assign USP size after barbing, resulting in a smaller labeled size.³

For example:

Quill starts with a USP 2-0 suture, bars it, and labels the final product as USP 2-0.

Competitors start with a USP 2-0 suture, bars it, and label the final product as USP 3-0.

This means the competitor's USP 3-0 matches Quill's USP 2-0.



USP diameter (mm) ^{4,5}	USP Size	Quill USP Size ²	V-Loc USP Size ³
0.50-0.599	2	2	1
0.40-0.499	1	1	0
0.35-0.399	0	0	2-0
0.30-0.339	2-0	2-0	3-0
0.20-0.249	3-0	3-0	4-0
0.15-0.199	4-0	4-0	5-0
0.10-0.149	5-0	5-0	6-0

Table 1. Equivalent USP size.

Comparison Summary

	Quill	V-Loc
Barb Anchoring Strength[†]	Equal to V-Loc	Equal to Quill
Tissue Penetration	Less challenging than V-Loc ¹	More challenging than Quill. ¹
Suture Design	3D helical pattern	Linear barb pattern
Barb Angle Cut	Single angle cut	Dual-angle cut [#]
Suture Configurations	Uni-Directional & Bi-Directional ^{##}	Only Uni-Directional [#]
Suture Sizes	Greater selection of USP sizes (2 to 5-0) ^{##}	Limited selection in USP sizes (1 to 3-0) [#]

[†] See graphs 1 and 2.

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Quill is available through distribution or direct.

For procedural videos, visit [youtube.com/CorzaMedical](https://www.youtube.com/CorzaMedical) or [Vimeo.com/corzamedical](https://www.vimeo.com/corzamedical)

[#] Medtronic V-Loc Barbed Suture Catalog 10/2022 – US-WC-2000067 [WF#749631]

^{##} Quill Barbed Suture Catalog COR-021 R14 11/2024 US Only

References: 1. Nambi Gowri K, King MW. A Review of Barbed Sutures—Evolution, Applications and Clinical Significance. *Bioengineering*. 2023 Mar 27;10(4):419. 2. Quill Knotless Tissue Closure Device (Variable Loop Device). Instructions For Use. Surgical Specialties Mexico S. de R.L. de C.V. 3. V-Loc™ 180 Absorbable Wound Closure Device. Instructions For Use. Covidien. 4. "U.S. Pharmacopeia for Absorbable Surgical Suture." 1 January 2007. http://www.uspbpep.com/usp29/v29240/usp29nf24s0_m80190.html Accessed 16 January 2025. 5. "U.S. Pharmacopeia for Non-Absorbable Surgical Suture." 1 January 2007. http://ftp.uspbpep.com/v29240/usp29nf24s0_m80200.html Accessed 16 January 2025.

For complete indications, contraindications, warnings, precautions, and adverse reactions, please refer to the complete Instructions For Use (IFU).



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