V-LOC™ KNOTLESS WOUND CLOSURE DEVICE

The Secure Advantage
Dual angle cut
In an in-vivo study the V-loc(tm) device created stronger holding force with significantly higher wound strength at the critical phases of wound healing.

Barbing pattern
Produces up to 2.5x the number of anchoring barbs.

Proven efficacy
Based on 5 years of clinical experience and Oxford Level 1 evidence.

† Based on comparative testing vs Quill™ barbing technology of failure mode, wound closure strength, barbed design/function and holding force.
V-Loc™ device utilizes a dual angle cut which creates a superior anchoring barb\(^2\) while optimizing the strand’s integrity.

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**V-Loc™ Device**

**DUAL ANGLE CUT**

Produces barbs with strong anchoring force while preserving the integrity of the strand’s strength.

**Quill™ Barbing Technology**

**SINGLE ANGLE CUT**

Must select between:

- High cut angle that produces strong anchoring barbs but compromises the strand’s strength\(^1\), or
- Low cut angle that produces thin barbs but preserves the strand’s strength\(^1\)
V-Loc™ device utilizes an optimized barbing pattern that produces up to 2.5x the number of anchoring barbs as the Quill™ barbing technology.†

V-Loc™ Device†

<table>
<thead>
<tr>
<th>V-Loc™ 90 device 4-0, 18”</th>
<th>Quill™ Barbing Technology</th>
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<tbody>
<tr>
<td>900 ANCHORING BARBS</td>
<td>360 ANCHORING BARBS</td>
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† V-Loc™ Device 4-0 and Quill™ 3-0 have equivalent tensile strengths
**V-Loc™ Device**
180: Size 3/0

**Quill™ Barbing Technology**
PDO: Size 2/0
In an in-vivo study V-Loc™ 180 device approximated tissue with **significantly greater wound strength** at the critical phases of wound healing than Quill™ barbing technology.¹

¹Statistically significant.
**TECHNIQUE BENEFITS**

**V-Loc™ Device**

No technique change required

**INTUITIVE AND EASY TO USE**

**Quill™ Barbing Technology**

Requires technique change

**COUNTERINTUITIVE**

- Must start at the middle of the wound because barbs are bi-directional.
- Adds additional sharp into operating field.
THE HIGHEST QUALITY STANDARDS

100% Inspection — each barb is digitally measured and verified during the manufacturing process to ensure the highest levels of quality and consistency.

VISUAL INSPECTION SYSTEM ASSESSES EVERY BARB FOR:

- Barb Depth
- Barb Length
- Primary Cut Angle
- Secondary Cut Angle
- Auto-Depth Correction
- Pass/Fail Criteria
YOU HAVE A CHOICE

V-Loc™ device is cost effective and provides surgeons improved security†,1,2 vs Quill™ Barbing Technology while requiring no change in technique.

† Based on comparative testing vs Quill™ barbing technology of failure mode, wound closure strength, barbed design/function and holding force
References
