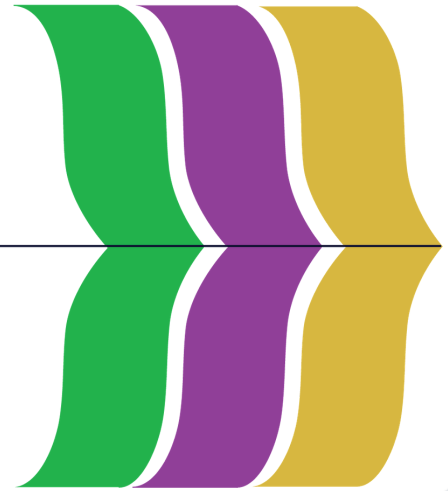




**NANOVA  
AS-Q-CLIP**

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*Non-absorbable Polymer Ligation Clips*



*With Patented Tissue-Locking Technology*

# THE POLYMER ADVANTAGE



## **BOSSSES:**

Clip "drop-off" occurs with metal clips and adds significant time to the operation

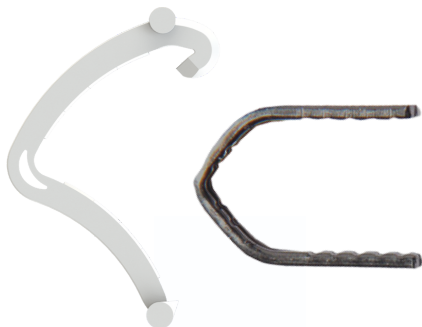
Bosses found on Vas-Q-Clip® help to retain the clip within the applicator jaws, reducing the likelihood of clip drop-off and slip back during procedures



## **SAFE AND SECURE CLOSURE:**

Scissoring occurs when the two halves of a metal clip do not align and thus act similarly to scissors with the ability to cut or damage the vessel tissue

Tactile feedback coupled with the latching mechanism helps to avoid over-closing and scissoring



## **LIVING HINGE:**

Vas-Q-Clip® has a flexible hinge that allows the surgeon to re-position the clip prior to locking and ensures the force will always remain consistent

The living hinge allows Vas-Q-Clip® to encompass more tissue than metal clips



## **PROPRIETARY ANTI-MIGRATION FEATURES:**

Vas-Q-Clip® unique perpendicular teeth are designed to provide greater surface coverage, inhibit post-procedural migration, and increase vessel occlusion

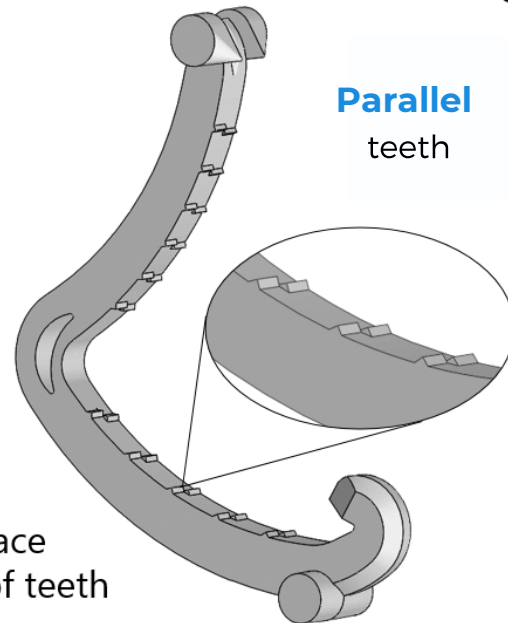
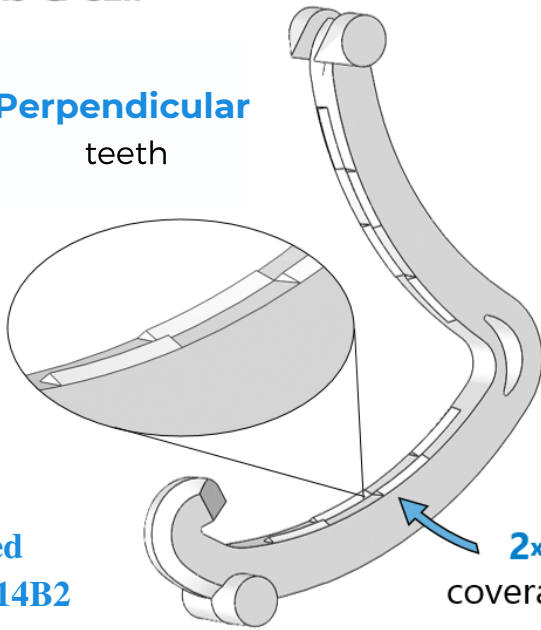
# THE VAS-Q-CLIP® DIFFERENCE



Other Polymer Clips

**Perpendicular**  
teeth

**Parallel**  
teeth

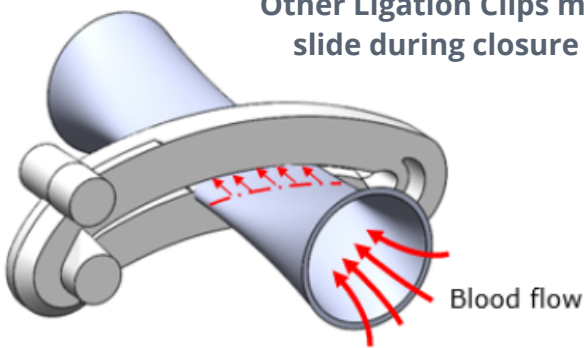


<sup>1</sup> **Patented**  
**US10881414B2**

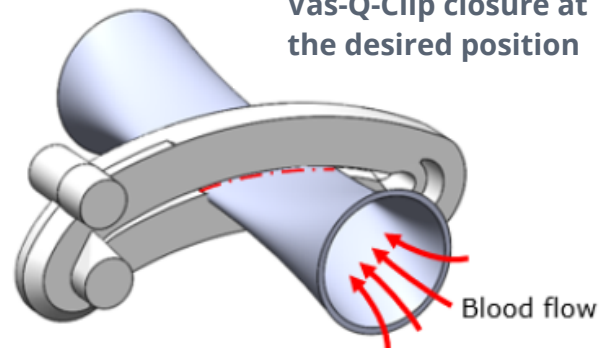
**2x** surface  
coverage of teeth

The increased surface area of the teeth design allows Vas-Q-Clip® to withstand high occlusion force while limiting slippage issues

**Other Ligation Clips may**  
slide during closure



**Vas-Q-Clip closure at**  
the desired position



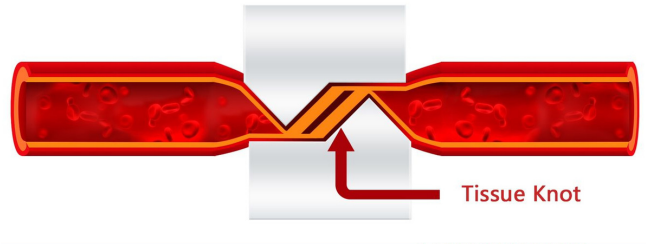
VAS-Q-CLIP® IS DESIGNED AND MANUFACTURED IN THE USA



**NANOVA**™  
Better Life Through Innovation

# TISSUE-LOCKING + ANTI-MIGRATION

CROSS-SECTIONAL VIEW



Anti-Migration protrusions on the inner surface of the Vas-Q-Clip® force tissue into an occlusion cavity, which forms a “tissue knot”

The formed “tissue knot” fixes the tissue and clip as a solid construction, reducing migration resistance

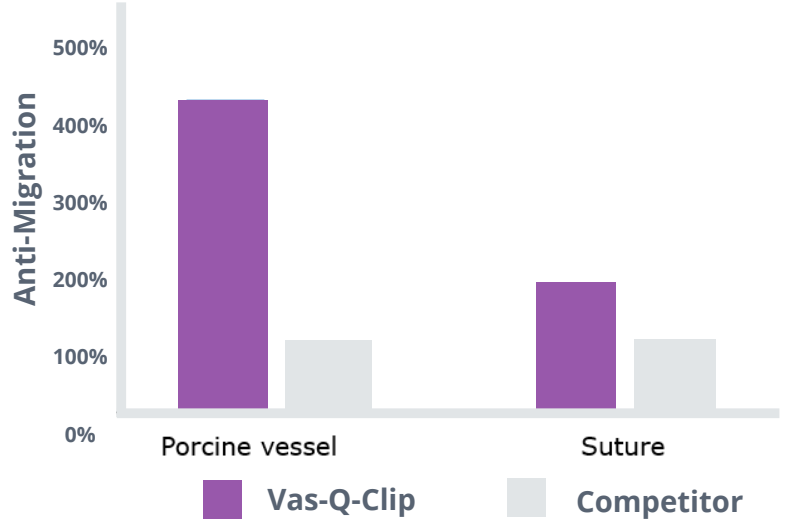
This patented tissue locking technology is only available with the Vas-Q-Clip® locking polymer clip



SECURE LOCKING ADVANTAGE <sup>2</sup>



HIGH MIGRATION RESISTANCE <sup>2</sup>



[www.vasqclip.com](http://www.vasqclip.com) | 3806 Mojave Ct Columbia, MO | 573-875-6682

<sup>1</sup> US10881414B2

<sup>2</sup> Data on file at Nanova Biomaterials, Inc. as submitted to the FDA. All testing was done on ML clips. No clinical relevance has been established with this testing method