• With its unique barbed design, the Quill™ Knotless Tissue-closure device is the only device that completely eliminates the need to tie knots and the potential for knot-related complications

• Replaces knots with running closure, making soft tissue approximation faster and easier—which may significantly reduce closure times\(^1,2\)

• Engineered to evenly distribute tension along the closure

• Barbs provide immediate tissue hold on placement, potentially eliminating the need for assisting “third hand”

• The Quill™ device outperformed same-size conventional suture material in both tensile strength and tissue-holding capacity, in in-vitro testing\(^3\)

*Vs traditional sutures.
A new world of possibilities in breast, abdominal, and massive weight loss procedures

- Use to reshape, remold, lift, quilt, close, and secure
  - Applications so far include brow lifts, superficial musculo aponeurotic system (SMAS) plication and lateral SMASectomy, minimal access cranial suspension (MACS) lift, open neck platysmaplasty, mastopexy and reduction mammoplasty, and abdominoplasty
- Can be used to lift and reposition breast tissue, potentially improving breast mound shaping
- Facilitates redistribution of tissue—in massive weight loss (MWL) patients, for example

May offer significant advantages in healing and cosmesis

- Continuous bars reduce wound edge shearing, potentially improving scar formation and cosmesis
- May eliminate the need for drains in abdominoplasties using progressive tension technique
- May allow for superior scar formation, shape, and contour after mastopexy vs standard techniques
- Avoids purse string tissue-gathering effect often seen in MACS lifts and areolar closures

May significantly speed closure times

![Mean time to closure. Each procedure required closure of 3 layers: the superficial fascia/deep tissue, deep dermis, and superficial dermis. Closures were performed by a junior plastic surgery resident, a senior plastic surgery resident, and a senior plastic surgery professor, each serving as his own control.](image)

- Reductions in closure time with the Quill™ device were similar regardless of the surgeon’s degree of experience

![The Quill™ device achieved approximately 50% reduction in closure times vs traditional sutures.](image)

Learn more about how the Quill™ device is transforming the nature of tissue closure at www.angioedupro.com.