Stapling that promotes proper perfusion is vital for tissue healing. In a pre-clinical model, vascular volume within the staple line was compared between Tri-Staple™ Technology, which employs graduated compression and staggered staple heights and a reload that delivers constant compression with a flat cartridge face and single staple height.

**FIGURE 1:**
Tri-Staple™ Technology

**FIGURE 2:**
Flat Cartridge Face/Single Staple Height

**COLOR KEY:**
- Blue: Staple lines that run across a murine stomach
- Red: Vascular volume within a murine stomach

**VASCULAR VOLUME WITHIN THE STAPLE LINE**

In a pre-clinical, in-vivo model, results from a staple line analysis showed that Tri-Staple™ Technology staple lines had superior vascularity when compared to reloads with a flat cartridge face and single uniform height. This analysis was taken from an equal baseline of vascular supply.1

The vascularity up to the staple lines is equivalent.1

*Signifies statistical significant difference of means (p=.011)

**TRI-STAPLE™ TECHNOLOGY DELIVERS SUPERIOR VASCULAR VOLUME WITHIN THE STAPLE LINE.**

**TRI-STAPLE™ TECHNOLOGY OUTPERFORMS THE COMPETITION IN PERFUSION.**

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