The Padlock Clip is designed to approximate tissue to provide an effective closure while still maintaining blood flow to the approximated tissue area to promote “excellent healing”.

Published porcine Padlock Clip closure experimentation has utilized surgical cutting techniques to generate the defect, which was then approximated by the device to test device closure effectiveness.

The method used to create the defects neither cauterized nor occluded in any way capillary blood flow to the treatment area. After a Padlock Clip was used to approximate the tissue, this blood flow supported the healing process, providing complete healing of the created defect in 100% of the cases.

Quoting from the Padlock Clip porcine gastric and colonic survival publication “Results”: “The stomachs were harvested and inspection of the closure sites revealed excellent healing with epithelial growth.”

Closure was achieved in all cases...The pathological study revealed a complete remodeling of the colonic wall in all cases.

These porcine studies have demonstrated that using a closure method of a Padlock Clip coupled with natural or induced capillary blood flow in the approximated tissue zone can provide a pathway to effective tissue closure “remodeling of the tissue” and “excellent healing with epithelial growth.”

Please visit our web site: www.aponosmedical.com “publications” page to review the studies and results in more detail.