A NEW APPROACH TO WOUND CLOSURE

Experience a new wound closure device that is as effective as sutures and as fast and easy to apply as a bandage. It delivers superior clinical results and improved patient experience, while reducing procedure costs.

microMend® incorporates the key features needed for optimal wound closure. It is designed like a butterfly bandage so it can be applied easily and painlessly in seconds. Microstaples allow the device to achieve the holding strength of sutures. microMend can close wounds from 1 to 50 cm in length. It achieves tight apposition of wound edges, which eliminates wound gaps that increase risk of infection and scarring. It is also gentle enough to be applied on fragile skin to close wounds in the elderly and chronically ill.

![microMend diagram]

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**EASY TO USE AS A BANDAGE WITH THE STRENGTH OF A SUTURE**

Can be used with minimal training by a broad range of medical personnel, including PAs, surgery techs, and nurses.

Achieves similar holding strength to a suture.

Highly versatile in closing port sites as well as curvilinear and straight incisions.

**PREFERRED BY MEDICAL PERSONNEL AND PATIENTS**

Cantilevered springs and elastic backing make microMend comfortable to wear.

Superior apposition of wound edges reduces wound gaps and the potential for infection.

More consistent outcomes and superior cosmetic results.

Patients can remove microMend by themselves.

**SAVE TIME, RESOURCES, AND COSTS**

Application in seconds with closure time that is 7 times faster than sutures.

Other personnel can close wounds, freeing up surgeons to perform additional procedures.

microMend can be removed by patients, eliminating non-reimbursed costs of suture removal.

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Clinical and pre-clinical studies:

1. Study in Patients Comparing microMend® to Sutures for Closing Port Site Wounds in Minimally Invasive Surgeries
3. Clinical Study Using microMend® to Close Skin Excisions and Mohs Surgeries
4. Pre-clinical Porcine Studies of Closure of Surgical Wounds
microMend's cosmetic results have been shown to be superior to sutures.\textsuperscript{1,2} This is due to reduced skin irritation and wound trauma. microMend also creates more uniform tension along the wound which reduces inflammation. The combination of the narrow spacing of Microstaples and the adhesive backing achieves tight wound apposition and thus eliminates wound gaps. More consistent outcomes are achieved by the fixed positions of Microstaples and the elimination of variability related to surgical skills.

Shown below are port site wounds from three patients that were closed with microMend in a clinical study comparing closure with microMend to sutures in patients undergoing laparoscopic surgery.\textsuperscript{1,2}

**Using microMend**

microMend devices are applied across the wound and then the wound edges are approximated. Care after wound closure is identical to that with sutures. The devices should remain in place for a similar time period to sutures – approximately 5 days on the face and 7-10 days in other regions of the body. They are then removed in a similar manner to a bandage.
TWO WAYS TO USE MICROMEND

Without other wound closure products
Primary skin closure of incisions that do not extend below the upper dermis.

Extend the duration of closure security after suture or staple removal.

In combination with sutures and staples
Closure of the upper skin layer where sutures or staples are used for deeper skin layers.

Create a better wound barrier.
Improve cosmesis by providing uniform tension across the wound.

Strong physician support for microMend
“microMend is a clever innovation, quick & easy to apply, that results in inconspicuous, well-healed incisions.
- Linda Mihalov, MD, Gynecologic Surgeon

microMend sizes

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Ordering information

Clinical and pre-clinical studies

Study in Patients Comparing microMend to Sutures for Closing Port Site Wounds in Minimally Invasive Surgeries
Patients undergoing laparoscopic and robotic surgeries underwent closure of their port site wounds with microMend® devices or suture controls in the same patient.

Clinical Study Using microMend to Close Skin Excisions and Mohs Surgeries
Patients undergoing skin excisions for tumors or benign lesions or Mohs surgeries underwent closure of their wounds with microMend® devices.

Pre-clinical Porcine Studies of Closure of Surgical Wounds
Two pre-clinical studies were conducted evaluating the use of microMend to close port site wounds produced by trocar insertion.

CONTACT US
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microMend is a Class I 510(k) Exempt medical device listed with the FDA and available for sale in the United States.