ZipLine® Surgical Skin Closure does not penetrate skin like staples and sutures and therefore reduces surgical site infection (SSI) risk.

Is reducing Surgical Site Infection (SSI) rates a priority for your institution?

The high morbidity and increased hospital care associated with SSIs contribute to increased healthcare costs. A recent study has found the mean cost associated with a single incidence of SSI to be $25,546. In addition, Medicare will no longer pay the additional cost to treat certain SSIs as an incentive for institutions to reduce their incidence.

If intact human skin is an effective barrier against infection, then why compromise it with your method of skin closure?

Studies have shown that closing surgical incisions with traditional sutures and staples increases the risk and subsequent cost of a surgical site infection when compared to tape-based closure. ZipLine Medical, Inc. offers an alternative to staples and sutures, with no skin piercing and no sharps risk to your physician and staff. Not only does ZipLine reduce the risk of SSI and needle stick injury, it provides significantly reduced closure time, further reducing time-based costs for the physician and the OR or L&D unit.

Furthermore, adhesive-based closures like the ZipLine devices increase tensile strength of a wound faster than sutures as well; the non-uniform distribution of closure forces associated with sutures allows immature collagen fibers to remain in a disorganized arrangement longer. However, in a wound closed with an adhesive tape-based closure, stress is uniformly applied to the collagen fibers which cross the wound causing rapid fiber orientation and increased tensile strength. In addition, strangulation and necrosis of tissue are eliminated because of gentle handling of tissue, and needle puncture marks and suture canal scarring are eliminated, leading to a better cosmetic result.

Protect your patients, staff, and peace of mind. Use ZipLine Medical Surgical Skin Closures instead of staples or sutures.

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2 http://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/HospitalAcqCond/Hospital-Acquired_Conditions.html
8 Data on file.
12 Fleisher GR, Ludwig S. Textbook of Pediatric Emergency Medicine, Section IV: Trauma, p. 1486.