

**ZIPLINE MEDICAL ANNOUNCES PUBLICATION OF TWO CLINICAL STUDIES
DEMONSTRATING SUPERIOR INFECTION PROTECTION AND 22 PERCENT REDUCTION IN
PROCEDURE TIME WITH ZIP SURGICAL SKIN CLOSURE**

CAMPBELL, Calif. — Nov 16, 2018 — [ZipLine Medical, Inc.](#) today announced publication of results from two groundbreaking clinical studies further demonstrating both clinical and economic benefits of the Zip® Surgical Skin Closure device. A peer-reviewed prospective study published in the journal *Cureus* revealed that incisions closed with the Zip Surgical Skin Closure had significantly lower bacterial penetration and fewer symptoms associated with surgical site infection (SSI) than sutures. Zip incisions also showed a lack of inflammation compared to sutured incisions.¹

"This study confirms what our customers have been telling us anecdotally for years," stated Amir Belson, MD, founder and Chief Technology Officer for ZipLine Medical, Inc. "In addition, the lack of inflammation may indicate that formation of scar tissue would be less with the Zip than with sutures."

Separately, a 175-patient, investigator-sponsored study conducted at the University of Missouri comparing the Zip Surgical Skin Closure to sutures for pacemaker implant procedures was published in the *Journal of Interventional Cardiac Electrophysiology*. According to the authors, the Zip device delivered a reduction in pocket closure time of 26 percent and a reduction in overall procedure time of 22 percent, with no complications in the Zip cohort.²

ABOUT ZIPLINE MEDICAL

ZipLine Medical is an innovator in cost-effective, non-invasive wound closure products that address the need for better clinical outcomes and reduction in overall healthcare cost. Zip Surgical Skin Closure devices have been used in over 500,000 cases and in more than 30 countries worldwide. The PreLoc Wound Closure provides non-invasive, delayed primary closure for chronic and hard-to-close wounds such as diabetic ulcers and dehisced incisions. The award-winning ZipStitch laceration kit offers consumers a hospital-grade wound closure at home or in the field. ZipLine Medical was founded by Amir Belson, MD, and is headquartered in Campbell, CA. For more information, visit www.ziplinemedical.com.

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1. Safa B, Belson A., Meschter C, et al. (August 04, 2018) In Vivo Efficacy Study Showing Comparative Advantage of Bacterial Infection Prevention with Zip-type Skin Closure Device vs. Subcuticular Sutures. *Cureus* 10(8):e3102. DOI 10.7554/cureus.3102
2. S.M. Koerber, T. Loethen, et al. Noninvasive tissue adhesive for cardiac implantable electronic device pocket closure: the TAPE pilot study. *J Interv Card Electrophysiol* Published online October 15, 2018 <https://doi.org/10.1007/s10840-018-0457-5>