



# Skin Closure Article

## **In Vivo Efficacy Study Showing Comparative Advantage of Bacterial Infection Prevention with Zip-type Skin Closure Device vs. Subcuticular Sutures**

Recently CBI conducted a study for Zipline Medical, Inc. in which we compared the tolerability of their novel skin closure technology to standard sutures in a rat model in which an incision was created and then infected with Staph at the time of skin closure. We assessed the performance of the novel skin closure against the standard sutures by clinical observation, bacterial culture and histopathology with standard and special stains for bacteria.

Collaboratively, we were able to demonstrate that the Zipline Medical, Inc. skin closure technology outperformed the standard sutures. There was little infection, minimal scarring and rapid healing, in comparison with the standard suture in which there was persistent infection, bacterial abscess and foreign body formation, large scars and slow healing.

**THE STUDY WAS JUST PUBLISHED.**

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