

# Tissue adhesive, sterile strips similar after cesarean section

July 24 2019

---



(HealthDay)—With cesarean deliveries, wound complications are

similar for tissue adhesive and sterile strips when used after closure of a Pfannenstiel skin incision, according to a study published online July 9 in *Obstetrics & Gynecology*.

Lena Braginsky, M.D., from University of Chicago, and colleagues randomly assigned 504 women undergoing cesarean delivery using a Pfannenstiel skin incision to receive either tissue adhesive (2-octyl cyanoacrylate) or sterile strips after closure of the skin incision.

Based on the 479 women with follow-up data, the researchers found that [wound complications](#) occurred in 18 of 238 patients (7.6 percent) in the tissue adhesive group and 19 of 241 patients (7.9 percent) in the sterile strips group (relative risk, 0.96; 95% confidence interval, 0.51 to 1.78). The two groups showed no significant differences in types of wound complications, operative time, readmission, office or emergency department visits, antibiotics prescribed for wound complications, or patient scar assessment scores of pain, stiffness, and irregularity. Tissue adhesive, however, performed slightly better for patient reports of both itchiness of the scar and overall scar satisfaction.

"Compared with sterile strips, [tissue](#) adhesive after closure of Pfannenstiel incision for cesarean delivery is unlikely to lower the risk of wound complications," the authors write.

**More information:** [Abstract/Full Text \(subscription or payment may be required\)](#)

Copyright © 2019 [HealthDay](#). All rights reserved.

Citation: Tissue adhesive, sterile strips similar after cesarean section (2019, July 24) retrieved 29 January 2023 from <https://medicalxpress.com/news/2019-07-tissue-adhesive-sterile-similar-cesarean.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.