

# **Fibrin sealant for fasciocutaneous flaps.**

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## **Abstract:**

Fibrin sealant is used in many areas of surgery. We present a novel aspect of flap inseting in the ischial region using fibrin spray to seal the transferred tissue. We analyzed 10 patients suffering from decubital ulcers and assessed drainage output, time of drain removal, as well as complications following fasciocutaneous flap surgery. Patients were randomized to receive sprayed fibrin glue (study group) or not (control group) before wound closure. The mean drainage time was 41 days in the study group and 61 days in the control group ( $p=0.06$ ). The mean drainage volume was 10020 mL in the study group and 16830 mL in the control group ( $p<0.01$ ). Fibrin sealant led to reduced drainage volumes and duration of drainage, indicating a beneficial effect of the application of fibrin glue in fasciocutaneous flap surgery for pressure sore coverage. © 2010 by Thieme Medical Publishers, Inc.