

# **The evaluation of fibrin sealants and tissue adhesives in oral surgery among patients with bleeding disorders.**

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## **Abstract:**

**Objective:** The aim of this study was to evaluate the efficiency of two local hemostatic agents administered with a preoperative dose of replacement therapy in patients with bleeding disorders undergoing oral surgery. **Material and Methods:** The study included 21 patients that were randomly divided into 3 groups. Patients in Group 1 (n = 7) received preoperative replacement therapy and postoperative fibrin sealant applied to the surgical site. Patients in Group 2 (n = 7) received preoperative replacement therapy and postoperative tissue adhesive applied to the surgical site. Patients in Group 3 (n = 7) were given replacement therapy pre- and postoperatively. **Results:** Postoperative bleeding was not observed in 17 of the 21 patients, including 5 in Group 1 (71.42%), 6 in Group 2 (85.71%), and 6 in Group 3 (85.71%). Hemorrhagic complications occurred in only 4 of the 21 patients. **Conclusion:** The use of fibrin sealant and tissue adhesive was beneficial, as they reduced the level of factor concentrates used for replacement therapy and resulted in rapid hemostasis at the surgical site, facilitating the ability to perform serial surgical procedures concurrently.