

Frontal sinus repair with free autologous bone grafts and fibrin glue.

Authors: Ito S., Nagayama K., Iino N., Saito I., Takami Y.

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Abstract:

BACKGROUND: The authors describe a technique for repairing the frontal sinus with autologous bone grafts removed during craniotomy and fibrin glue. **METHODS:** This technique was used in 12 patients who underwent craniotomy for aneurysms (n = 9), brain tumors (n = 2), and acute epidural hematoma (n = 1). **RESULTS:** The repair was successful in all cases. There were no instances of postoperative infection or leakage of cerebrospinal fluid. No complications from the repair have occurred over a mean follow-up of 51 months. **CONCLUSION:** This technique is simpler than others used to seal a frontal sinus. © 2003 Elsevier Inc. All rights reserved.