

Lymphatic fistulae after neck dissection: The fibrin sealant treatment.

Authors: Vaiman M., Eviatar E.

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Abstract:

Objective: to investigate possibility of treatment of lymphatic fistulae after neck dissection with the fibrin sealant. Methods: During the period of 2001-2007, two cases of lymphatic fistulae after neck dissection were treated with human blood based fibrin sealant (Quixil fibrin glue). The sealant components were sprayed into the fistulae with the help of a dual-syringe delivery system. Results: Sixty patients were operated, 84 neck dissections were performed from 2001 till 2008. Lymphatic fistulae occurred in two cases (2.4% of operations). Fibrin sealant treatment resulted in immediate stop of a leak and complete healing of the fistulae in both cases after 3 days of treatment. One year follow-up revealed no complications. Conclusion: Fibrin sealant application might be an effective and time-saving treatment of lymphatic fistulae after neck dissection. © 2008 Wiley-Liss, Inc.