

Percutaneous sclerotherapy of sialoceles after parotidectomy with fibrin glue, OK-432, and bleomycin.

Authors: Chen W.-L., Zhang L.-P., Huang Z.-Q., Zhou B.

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Abstract:

We evaluated the curative effect of fibrin glue combined with OK-432 (streptococcal pyrogenic exotoxin A, Picibanil™) and bleomycin on 9 patients with sialoceles after parotidectomy. The primary lesions included pleomorphic adenomas in 6 cases and Warthin's tumours in 3 cases. After a sialocele had been diagnosed each patient had repeated aspirations and pressure dressings for 3-4 weeks, but these treatments failed. The patients were then treated with percutaneous sclerotherapy with the injection of fibrin glue 8-10 ml combined with OK-432 5 mg and bleomycin 15 mg. All the sialoceles disappeared completely after a single procedure in 2-3 weeks. The patients have been followed up for more than 6 months with no evidence of recurrent sialocele or injury to the facial nerve related to sclerotherapy. This simple, safe technique can be successfully used to treat sialoceles after parotidectomy. © 2013 The British Association of Oral and Maxillofacial Surgeons.