

The use of fibrin glue in osmidrosis surgery with a cartilage shaver: 18 patients.

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Publication Date: 2013

Abstract:

The efficacy of surgical treatment of axillary osmidrosis has been widely established. There are some reports of osmidrosis treated with a cartilage shaver which reduce operation time. Fibrin glue is a synthetic material that has a hemostatic effect, increases the percentage of graft take, and may have a protective effect against infection, has been widely used as an adhesive in plastic and reconstructive surgery. In this study, we evaluated the efficacy and safety of surgery for axillary osmidrosis with a suction-assisted cartilage shaver and fibrin glue. In total 18 patients with axillary osmidrosis were enrolled. The patients were treated with a suction-assisted cartilage shaver and fibrin glue was used instead of the garments wearing after surgery. Efficacy and safety were evaluated by the subjective and objective assessment including patient satisfaction, efficacy and complications of the procedure. Mean disease severity score (disease severity: range 0-3) reduced from 2.2 to 0.6 after surgery. And 94.4% of the patients had excellent to good results by patient satisfaction degree. Complications included hematoma and skin necrosis (5.6%), scar (5.6%), infection (5.6%) and postinflammatory hyperpigmentation (27.8%). We think that surgery for axillary osmidrosis with suction assisted cartilage shaver and fibrin glue instead the garments is a safe, efficient, and convenient treatment option.