

Fibrin glue in dermatosurgery. [German]

Authors: Staindl O.

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Abstract:

Highly concentrated human fibrinogen as a biological tissue-adhesive-system was successful in a variety of clinical applications during the last few years. The adhesive-technique imitates the second phase of blood-coagulation, i.e. the transformation of fibrinogen to fibrin by addition of a thrombin solution. The advantages of fibrin glue in operative dermatology are based on the possibility of flat tissue adhesion as well as the local sealing of small and medium sized vessels. Three groups of indications are reported: 1. Local blood-coagulation, demonstrated in our surgical management of rhinophyma. 2. The flat tissue adhesion without surgical suture, mainly used in fixation of skin transplants. 3. In cases of extended regional flap-transpositions or tissue transplantation using microvascular anastomoses a combined suture- and adhesive-technique is described.