Intraoperative procurement of autologous fibrin glue.

Authors: Quigley RL, Perkins JA, Gottner RJ, Curran RD, Kuehn BE, Hoff WJ, Wallock ME,

Arentzen CE, Alexander JC Jr

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Abstract:

A method of intraoperative procurement of autologous fibrin glue is described. The relative efficacy

of our autologous preparation is compared with that of fibrin glue made with homologous

cryoprecipitate. Experimentally, the fibrinogen content and the strength are less than those found in

cryoprecipitate and appear related to the fibrinogen content of the autologous plasma used as

substrate in the fibrin glue reaction. Clinically, no significant differences are noted in the

performance of autologous fibrin glue. We believe the absence of the risk of blood-borne infection

with the autologous product is a major advantage.