

A simple autologous fibrinogen glue for otologic surgery.

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Abstract:

A simple method of concentrating a patient's own fibrinogen for use with a thrombin/calcium solution - to produce a coagulum-type tissue glue for otologic surgery - is presented. The principal advantages of this system include a simple modification of the cryoprecipitate technique, which can be easily performed in any hospital laboratory using a minimal amount of the patient's blood, and the use of autologous fibrinogen, which completely rules out the possibility of transmission of hepatitis or AIDS viruses. Useful tips on preparation and use of this autologous tissue glue, based on experience over the past 2 years, will be presented.