

Preparation of autologous fibrin glue from pericardial blood.

Authors: Kjaergard H.K., Weis-Fogh U.S., Thiis J.J.

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Abstract:

To salvage patients' blood and improve hemostasis in cardiac operations, autologous fibrin glue was prepared in a new way by means of ethanol from pericardial blood. The yield from 44 mL of blood was 2.1 ± 0.7 mL (mean \pm standard deviation) of fibrinogen concentrate with a concentration of 25.1 ± 7.5 mg/mL; 2.7 mL of two-component glue was obtained after the addition of thrombin solution. The glue has the advantages of safety from transmission of viral diseases and from immunologic reactions.