

A technique for spot application of fibrin glue during open heart operations.

Authors: Garcia-Rinaldi R., Simmons P., Salcedo V., Howland C.

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Abstract:

Several techniques have been described for preparing and applying fibrin glue to control surgical bleeding. However, these methods tend to be cumbersome, expensive, or messy. Furthermore, commercial kits have not been approved by the Food and Drug Administration because of the potential risk of hepatitis contamination. Therefore, we have devised a modified, simpler technique that enables the precise, pinpoint application of fibrin glue. The risk of hepatitis transmission is substantially reduced by using cryoprecipitate plasma instead of fibrinogen from pooled donors. This technique is especially well suited for anastomoses of small vessels or for sealing suture holes in nonporous grafts.