

Avoiding blow-out of the aortic stump by reinforcement with fibrin glue. A report of two cases.

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Abstract:

Generally vascular surgeons agree that the most rational way to treat a patient with an infected aortic graft or aortoenteric fistula is excision of the graft, closure of the aortic stump and construction of an axillobifemoral bypass. Due to the feared complication of blow-out of the aortic stump, other solutions have been proposed, such as in-situ reconstruction with homologous saphenous veins or even with a synthetic graft, provided the perigraft fluid is non-purulent. Since this alternative is not always feasible, various methods to reinforce the closure of the aortic stump have been proposed. The present report describes two cases, where fibrin glue (Tisseel) was successfully used to reinforce the suture row of the aortic stump.