False Aneurysm of an Axillo-Femoral Bypass

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Case Report

A 71 year old female cardiopulmonary high-risk patient received a one-piece left axillo-femoral bypass due to critical ischaemia without interventional options. One year later she presented after a hard fall a false aneurysm, repaired by an interposition graft (Figure 1 and 2). Because of subsequent infection of this construction, an in-situ reconstruction of the aortic bifurcation with a cryopreserved homograft was performed, preserving the inferior mesenteric artery (occluded coeliac trunk and superior mesenteric artery, Riolan collaterals (Figure 3)). The axillo-femoral bypass was resected. The patient died 11 days postoperatively, after refusing further surgery, due to an ischaemic small bowel perforation (at autopsy).
Figure 3