

# **Reconstruction of an aneurysm of the abdominal aorta by means of a single-ring intraluminal bifurcation fibrin-impregnated prosthesis.**

## **[Czech]**

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Publication Date: 1989

### **Abstract:**

The author reports on his initial experience with the use of an intraluminal prosthesis of his own design, used in radical operations of aneurysms of the abdominal aorta in the subrenal portion. He demonstrates on his material that this prosthesis implanted by intraluminal stitchless technique significantly reduces the time of clamping of the aorta and the total time needed for the operation. If the prosthesis is moreover fibrin-impregnated, blood losses associated with preliminary clotting as well as the period of aortal clamping are eliminated. The author recommends further to change the sequence of stitching of anastomoses. All mentioned factors: the time needed for operation, blood loss and the shortest time of necessary clamping of the aorta are closely linked with the results of operation. It appears that by means of this technique the operation of abdominal aortal aneurysms can be performed within a shorter time with a smaller blood loss. From the small group of patients operated hitherto by this method so far no general conclusions can be drawn on results of operations. Hitherto achieved results are very good.