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(54) Title: AORTA ANASTOMOSIS DEVICE WITH SHRINKING SLEEVES AND GRAFT

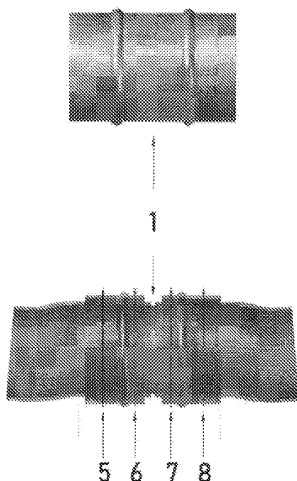


Figure 5

(57) Abstract: A medical implant device for Anastomosis of both Aorta. Proximal and Distal ends is presented. The device is designed to facilitate the connection between the Aorta and the device, with both ends of the device being one size smaller than the Aorta size. The device features protrusions located about 8mm from both ends, which are specifically designed to aid in the application of suture loops to tighten the Aorta and block blood flow between the device and the Aorta, respectively. Shrinking sleeves tightly secure the blood vessels and the device, both before and after the protrusions, once heated or in contact with blood. The design of the device aims to simplify the Anastomosis procedure, reducing the time and skill required for the surgeon to perform the procedure, while also improving the overall safety and efficacy of the Anastomosis.

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