

Embolic Protection Device For Inserting Into An Aortic Arch

Abstract

The invention concerns an embolic protection device for inserting into an aortic arch to prevent embolisms. The invention moreover concerns a handle for such an embolic protection device, as well as a system consisting of said handle and the embolic protection device and a system consisting of a handle, an embolic protection device and a catheter. Through the invention, an embolic protection device for inserting into an aortic arch, comprising a filtering unit and a feeding unit, is provided, wherein the filtering unit comprises a frame and a filter mesh, and the filter mesh is placed on the frame, the filtering unit has a proximal area and a distal area, wherein the filtering unit is designed in such a way that it can, at least partially, be positioned in the aortic arch, and wherein, once the filtering unit is appropriately positioned, haptic feedback is generated, which signals to the user the final position.

(Fig. 14)