

Graft within a graft endograft - 1770

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Technology description

Market Opportunities

During endovascular repair of aneurysms, it is very difficult to reposition an endograft once it is deployed. In addition, there can be a windsock effect if a standard endograft is only partially deployed in an effort for more controlled positioning. Therefore, this invention has the potential as a medical device for grafts relating to cardiovascular surgery.

Technology Solution

This invention is a single device consisting of overlapping segments. The initial segment can be deployed and repositioned before complete deployment.

Application area

medical device; endograft; cardiovascular surgery; pulmonary surgery; vascular lesions; aneurysm; stenosis; heart surgery; cardiopulmonary

Advantages

This allows for easy repositioning of the device before deployment for endovascular repair of thoracic aneurysms.

Institution

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