Universal Off-the Shelf Thoraco-abdominal Endograft
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Options for Endoluminal Thoraco-Abdominal Aneurysms
- Custom Made Devices
- Physician Modified fenestrated and branched Endografts
- Off-the Shelf Devices

Disclosures
- PATENTS IN BOLTON AND ST GEORGE
Tortuous Anatomy

Options for Endoluminal Thoraco-Abdominal Aneurysms

Bolton Universal Endograft for thoracoabdominal Aneurysms:

- Adaptable to aneurysms with different axis, sizes and angles.
- Basically consists of a 7 cm Cylinder with five lumens, the main lumen is for the aorta and the other four for the visceral branches.
Advantages

- The operator only needs to know the diameter of the neck. Lengths, angles and axis can be adjusted according to the anatomy of every case.
- Easy to apply
- Distances, diameters and directions of the branches can be covered by selecting the preferred channel and giving to the branch the angle, axis and direction as desired.
- The purpose of the UE is to have an Off-the Shelf device adaptable to any anatomy.
Advantages

- In-Vitro studies have been completed and first human cases are being planned.
- The intention is to have available an Off-the Shelf Thoracoabdominal endograft applicable to emergency or elective cases with any kind of morphology.