

Disclosure
 Educational grants from W.L. Gore & Associates ; Terumo Aortic Speaker for Endospan
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Patient-related Host versus graft reaction Immunoallergic reaction Hyperfibrinolysis with repetitive bleeding, coagulation, and liquefaction Malnourishment Low Hemoglobin Genetic predisposition	Graft-related Premature wetting of the graft with blood, fat, organic solvents (alcohol, antibiotics): hydrophobic surface becomes hydrophilic Excessive graft manipulation / forced irrigation High-flow (> 1L/min) Graft kinking: 41% increase in leakage
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Results	
Case Western Reserve / University Hospitals Series Frequency of Hygroma: 16% (23/140) All after AAA repair e PTFE (24%, 21/88) vs Polyester (3.8%, 2/52) 14 patients had multiple CT 7 stable / 1 shrinkage 6 enlargement Symptomatic development: 17% (4/23) All > 8 cm 2 ruptures 2 deaths 2 deaths	(P =.002)
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Late abdominal aortic ancurysm enlargement after	 Led to the device
endovascular repair with the Excluder device	modification in
I-seg Go MR. Elle D. Blem, MD, Raber Y. Ber, MD, ed Male S. Makewa MD,	2024 Addition of low
Storage A. Stranger and the second storage of the secon	permeability layer







Treatment Options

- Aspiration / I&D
- Tight wrapping of the aneurysm wall
- Microfibrillar collagen injection into the periprosthetic space

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- Laparoscopic fenestration with resection of the sac
- Marsupialization
- Plasmapheresis

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 Treatment Options: Explantation

 • Complete removal of the pseudocapsule and affected graft replacement with a different material

 • Material





Conclusions	Conclusions
 Frequency of hygroma after open aortic repair with ePTFE is about 25%; after EVAR < 5%. It is a rare complication after reconstructions of non-aortic arterial beds. 	 Use of woven polyester for open aortic repair is recommended.
 While resection with replacement provides the definitive therapy, relining may be tried first, especially for aortic hygroma. 	 Manufacturer's modification of ePTFE material is warranted.
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