Retrograde Fenestration of Inadvertently Deployed Stent Graft over Aortic Bifurcation

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Disclosure

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I have the following potential conflicts of interest to report:

- □ Consulting
- □ Employment in industry
- □ Stockholder of a healthcare company
- □ Owner of a healthcare company
- □ Other(s)

- □ I do not have any potential conflict of interest
**Background**

- Male patient 63 years old known to be type II insulin dependent diabetes mellitus
- Chronic heavy smoker (SI= 880)
- IHD with history of CABG (2 vessel) since 2013 followed by coronary stenting 3 years later
- EF=44%
- Underwent bilateral CIA stenting since 2018
Clinical presentation
Decision
in situ fenestration (ISF) of standard endografts represents another off-label endovascular means to maintain perfusion to aortic side branches located in the excluded area
First described in 2004 by McWilliams et al., its principle is based on intentionally made fenestration of an endograft following its deployment inside the vascular system.

It is currently an off-label procedure that should not be used outside emergent bailout techniques.
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