



Aortoiliac Fenestrated Balloon-Expandable Stent System

(WU Ref. No. 18558)

Background: Traditional endovascular devices, like the “kissing stent”, for the treatment of atherosclerotic occlusive disease have several disadvantages. They do not allow for adequate re-establishment of aorto-iliac arterial blood flow, impose significant stress on the aorta (possibly resulting in rupture), and their placement often requires a bypass.

Technology: The two-stent system comprised of a unique, tapered stent with an opening (a fenestrated aorto-iliac endograft) allow for continuous blood flow during placement and reduced stress on the aorta.

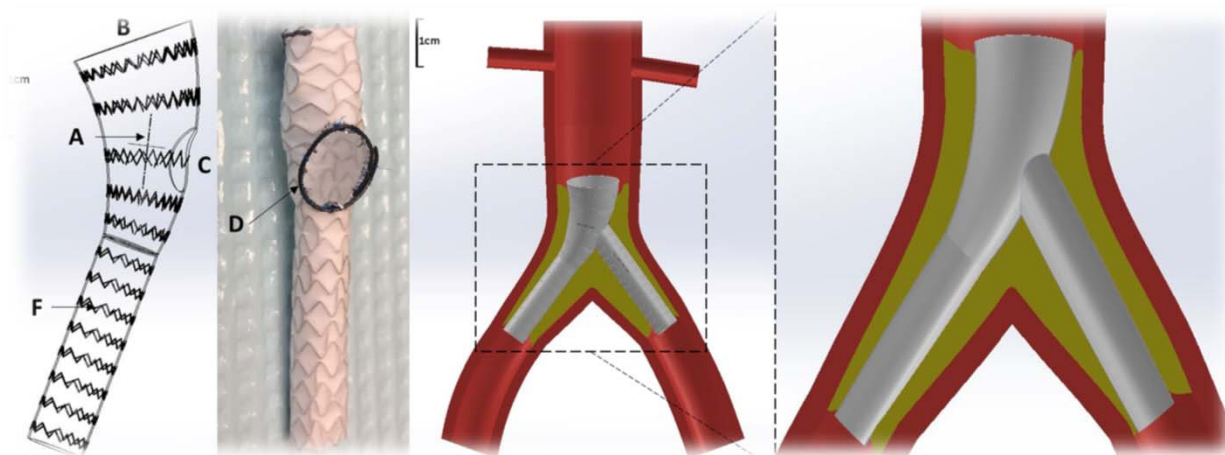
Value Proposition:

- Two-stent system is designed to reduce stress on aorta and eliminate need for a bypass
- Tapered stent design was shown to significantly improve flow properties

Stage of development: Prototype

Patent: US application 16/392,283

Prototype Design and Placement



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