

Over the Wire Arterial Bypass Implantation Technique

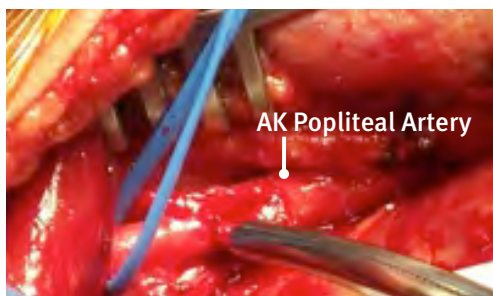
PERFORMANCE through innovation

Implantation Steps for an Above-Knee Femoral-Popliteal Bypass using the GORE® Hybrid Vascular Graft

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1



Perform a conventional cut-down and dissection to the level of the vessel.

2



a. Use a modified Seldinger technique to gain access to the distal artery. After a soft-tipped 0.035" guidewire is threaded through the introducing needle, exchange the needle over the wire for a peel / tear-away sheath of appropriate size.

3



b. Remove the dilator, and thread the GORE® Hybrid Vascular Graft over the guidewire and into the peel / tear-away sheath.



c. Tear the peel / tear-away sheath while advancing the constrained nitinol reinforced section of the device into the distal artery.



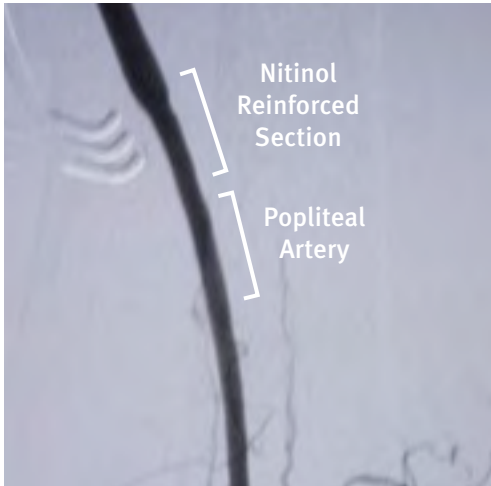
Introduce at least 2.5 cm of the nitinol reinforced section of the device into the artery. While stabilizing the nitinol reinforced section, pull the deployment line of the device parallel to the vascular graft section.



4

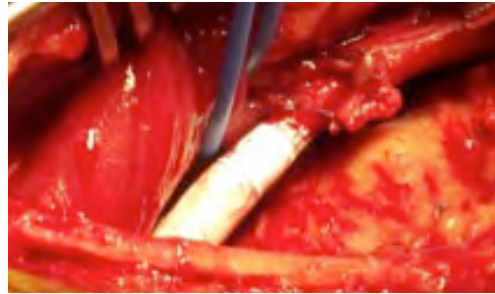


a. Dilate the nitinol reinforced section with an appropriately sized balloon.



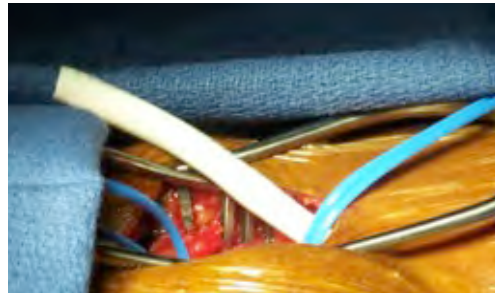
b. Inject contrast through the open end of the device to visualize placement and wall apposition at the nitinol reinforced section.

5



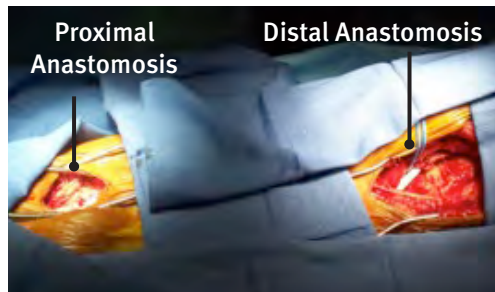
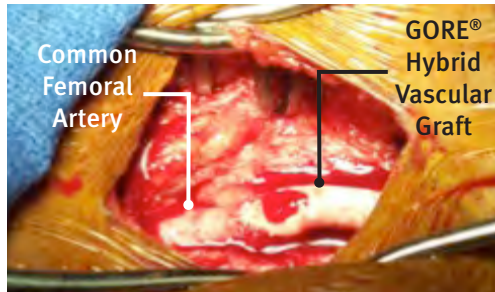
Place two longitudinal stay sutures through the artery wall and the nitinol reinforced section, spaced approximately 180° apart, in order to provide additional anchoring to the vessel wall.

6



Tunnel the device carefully toward the proximal anastomosis site while maintaining the secure placement of the nitinol reinforced section.

7



Suture the proximal anastomosis in a standard manner.



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