Mother of all Chronic Total Occlusions

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Clinical History
A 65-year-old gentleman was referred for bilateral intermittent claudication. ABI was 0.37 (right) and 0.47 (left). CT Aortography revealed aortoiliac total occlusion immediately distal to the renal arteries with reconstitution of both external iliac arteries from the mesenteric arteries.

Take Home Message
Familiarity with the antegrade and retrograde endovascular approaches are of utmost importance when attempting a Type D aortoiliac lesion. A huge armamentarium of tools increases the success of dealing with the technical challenges of a total occlusion. Perforation of the left common iliac artery was bailed out successfully without further negative sequelae.

CTA 3 Months Later

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.