When Antegrade Fails: Retrograde Crossing Strategies for SFA CTOs

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Disclosure Statement of Financial Interest

Within the past 12 months, I or my spouse/partner have had a financial interest/arrangement or affiliation with the organization(s) listed below.

Affiliation/Financial Relationship

- Grant/Research Support
- Consulting Fees/Honoraria
- Major Stock Shareholder/Equity
- Royalty Income
- Ownership/Founder
- Intellectual Property Rights
- Other Financial Benefit

Company

- n/a
- BD, CSI, Cook Medical
- n/a
- n/a
- n/a
- n/a
- n/a

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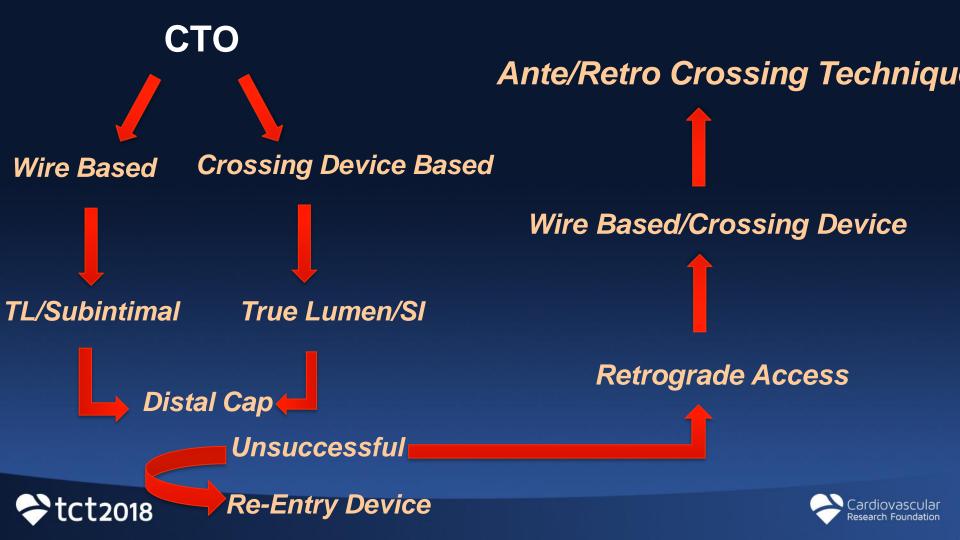


Retrograde crossing

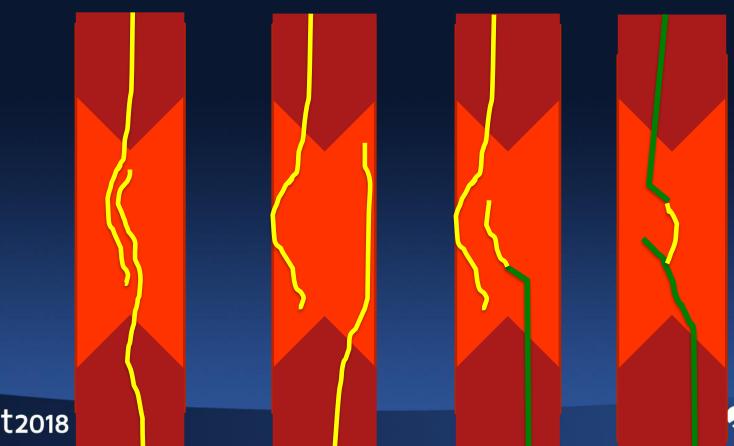
- Most, if not all the same techniques for antegrade crossing can be attempted retrograde
 - True lumen
 - Subintimal
 - Reentry
- Retrograde wire creates additional options for advanced crossing techniques



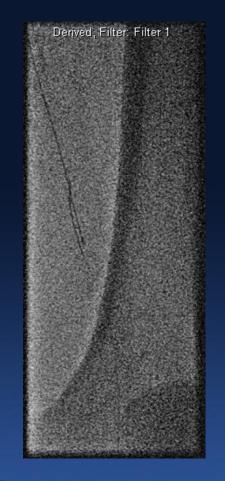


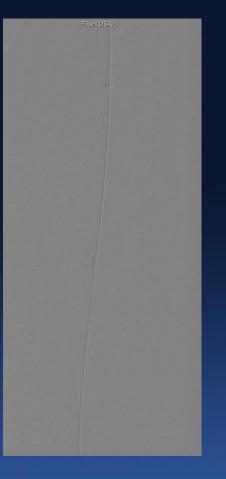


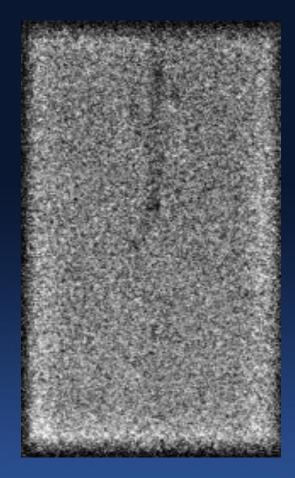
Ante/Retrograde Approach to CTO







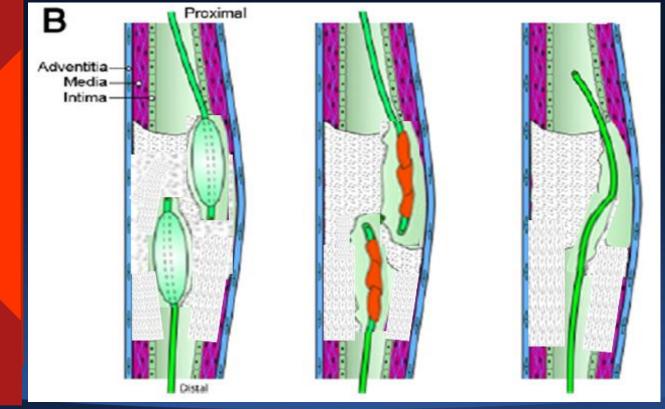








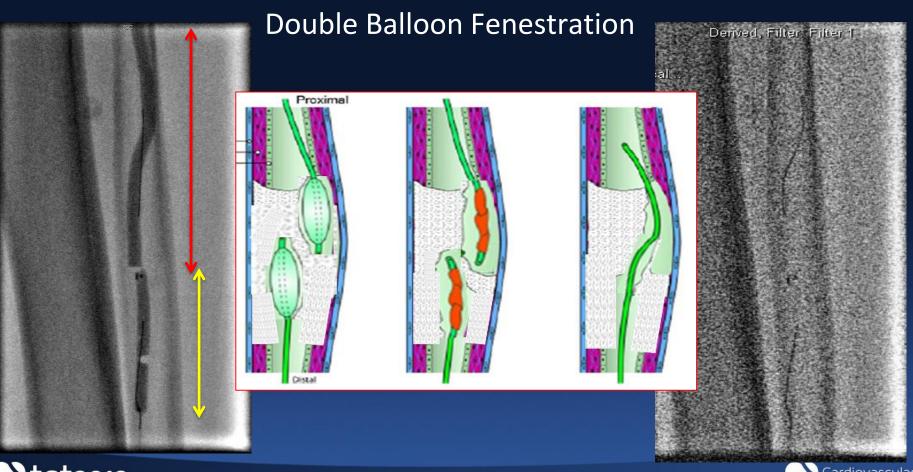
Double Balloon Fenestration





Modified from Joyal,D et al. The Retrograde Technique for Recanalization of Chronic Total Occlusions. JACC Intervention 2012;5:1-11



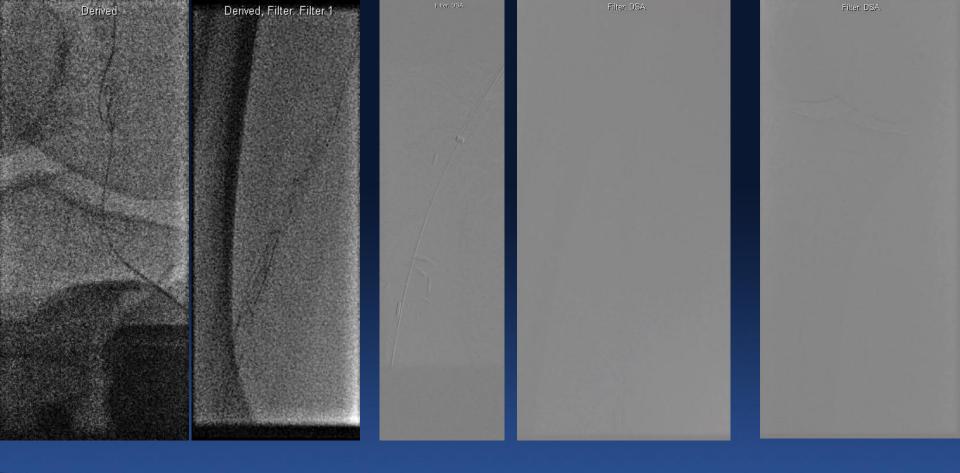








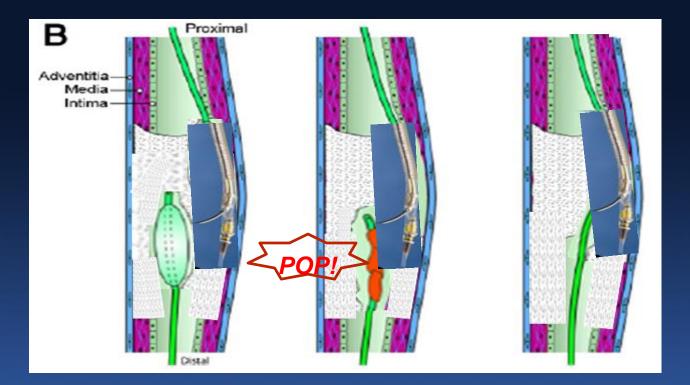








Reentry Assisted Fenestration





Modified from Joyal,D et al. The Retrograde Technique for Recanalization of Chronic Total Occlusions. JACC Intervention 2012;5:1-11







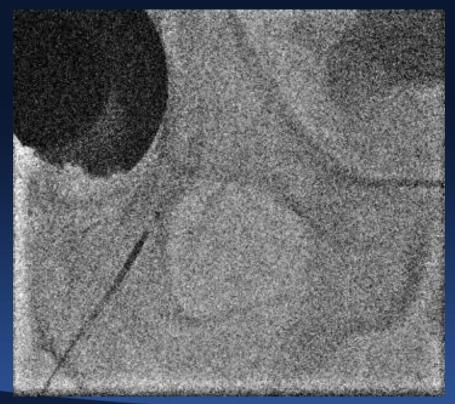




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Retrograde Reentry



• 5/6 Slender sheath

 Retrograde Outback reentry performed





Conclusions

- Procedural Success is vital to limb salvage
- Retrograde approach can significantly increase crossing ability





Thank you for your attention



