Strategies on the Frontline
Femoral- Popliteal Case

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Disclosures
John R. Laird

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

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<tr>
<th>Affiliation/Financial Relationship</th>
<th>Company</th>
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<tbody>
<tr>
<td>Consulting Fees/Honoraria</td>
<td>Boston Scientific, Medtronic, Abbott, Bard/Becton Dicksenson Peripheral Intervention, Philips</td>
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<tr>
<td>Scientific Advisory board/stock options</td>
<td>Reflow Medical, Endoluminal Sciences, Syntervention, PQ Bypass, Eximo Medical, Shockwave Medical, NexGen</td>
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Board Member VIVA Physicians
Case Presentation

• 61 yo, former tobacco user, HTN, CAD s/p prior CABG with RLE claudication and early rest pain symptoms.

• History of prior Right Fem-Pop bypass at an outside institution with subsequent graft occlusion.

• Right ABI 0.3
Case History

- Discharged on ASA and clopidogrel
- Dorsalis pedis and posterior tibial pulses 2+
- Complete resolution of right lower extremity claudication symptoms
- Right ABI = 0.95

He did well until one year later when he presented with recurrent low level claudication symptoms.....
Mar 2015 – Occlusion of Zilver PTX Stents
Options

• Medical therapy and walking program?
• Redo fem-pop bypass (No saphenous vein)?
• Profundaplasty?
• Repeat intervention with laser atherectomy?
• Repeat intervention with Viabahn covered stents?
• Repeat intervention with DCB?
Recurrent Restenosis After POBA for ISR

133 SFA ISR lesions treated from 2000 – 2009 at centers in Japan

Class I (29%)  Focal ISR Group (≤ 50 mm length)  49.9%
Class II (38%)  Diffuse ISR Group (>50 mm length)  43.3%
Class III (33%)  Totally Occluded Group  84.8%

Occlusion 64.6%

Procedure Plan

• 7 French crossover sheath
• Laser debulking: 2.3 mm Turbo Elite catheter
• DCB (In.PACT Admiral 6 mm balloon)
• Additional stenting as necessary
Pre-dilation
Post PTA
6 mm In.Pact Admiral Drug Coated Balloons
March 2015

- No post-op complications
- Distal pulses 2+
- ABI = 0.94
- Complete resolution of claudication symptoms
January 2019 (Almost 4 Years later)

- No Claudication
- ABI = 0.94
Relevant Issues

- No safety issues despite multiple Paclitaxel DES followed by multiple Paclitaxel DCB one year later
- Durable (4 year) outcome with DCB despite high likelihood of recurrence with alternative therapies
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November 3-7, 2019
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