Wingman CTO catheter: First experience with a new CTO recanalization needle device

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Disclosure

Speaker name:

**Michael Lichtenberg**

I have the following potential conflicts of interest to report:

- [ ] Consulting (CR Bard, Veniti, Volcano, Biotronik, Terumo, Boston, Straub Medical, Veryan, TVA medical, Spectranetics)
- [ ] Employment in industry
- [ ] Stockholder of a healthcare company
- [ ] Owner of a healthcare company
- [ ] Other(s)
- [x] I do not have any potential conflict of interest
Challenge of CTO recanalization
CTO Caps

C-TOP Classification: Proposed Classification for Chronic Total Occlusions
Failure with subintimal technique
Option: retrograde access
We would like to stay intraluminal...

- TruePath™ CTO Device
  (Boston Scientific)

- Frontrunner® CTO Catheter
  (Cordis)

- Wildcat Catheter
  (Avinger)

- Enteer™ CTO Catheter
  (Covidien)

- Crosser™ CTO Catheter
  (Bard)
What We Need in the routine...

- Something simple
- Something quick
- Something inexpensive
Poking and dottering technique
Available for 0.014/18/35 inch guidewires

**wingman**

The first and only extendable tip support catheter.

**spex**

The only shapeable support catheter that maintains its angle for the entire procedure.
# Wingman Crossing Catheter

<table>
<thead>
<tr>
<th>WINGMAN CROSSING CATHETERS</th>
<th>14</th>
<th>18</th>
<th>35</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Number- Effective Length (Ref)</td>
<td>65 cm 135 cm 150 cm</td>
<td>90 cm 135 cm 150 cm</td>
<td>65 cm 90 cm 135 cm</td>
</tr>
<tr>
<td>Guidewire Compatibility (in)</td>
<td>0.014</td>
<td>0.018</td>
<td>0.035</td>
</tr>
<tr>
<td>Guide Compatibility (F)</td>
<td>4</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>Max Outer Diameter (in/F)</td>
<td>.035/ 2.7</td>
<td>0.050/3.8</td>
<td>0.06/4.6</td>
</tr>
<tr>
<td>Max Pressure (psi/ kpa)</td>
<td>360/ 2482</td>
<td>360/ 2482</td>
<td>360/ 2482</td>
</tr>
<tr>
<td>Extendable Tip Diameter (in/ mm)</td>
<td>0.022/ 0.56</td>
<td>0.032/0.81</td>
<td>0.050/1.27</td>
</tr>
<tr>
<td>Tip Extension (in/ mm)</td>
<td>.020/ 5</td>
<td>.020/ 5</td>
<td>.020/ 5</td>
</tr>
<tr>
<td>Hydrophilic Coating (cm)</td>
<td>N/A</td>
<td>30</td>
<td>40</td>
</tr>
</tbody>
</table>
Retrograde use of the Wingman 0.018 inch catheter (5 French)
Wingman: CTO catheter to stay intraluminal

• Penetrates organized caps and resistant lesions (instent restenosis)
• Offers fast set up usage
• Different lengths and diameters available
• Less expensive than other CTO devices
• Offers the possibility to further work with an intraluminal channel – atherectomy, DCB....
Thank you for your attention
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