VEITH 2

VEITH 2024

A balanced view of the value of Atherectomy for treatment of lower extremity lesions: Has it been overutilized and why? When can it be helpful and which device is best?

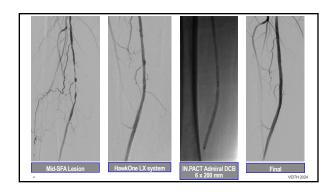
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Disclosure Statement of Financial Interest

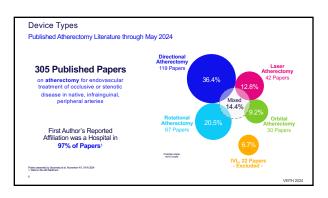
Within the past 12 months, I or my spouse/partner have had a financial interest/arrangement or affiliation with the organization(s) listed below.

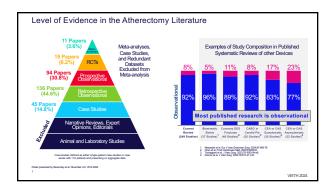
AFFILIATION/FINANCIAL RELATIONSHIP	COMPANY
Employment	Medtronic
Scientific Advisory Board / Stock	Syntervention

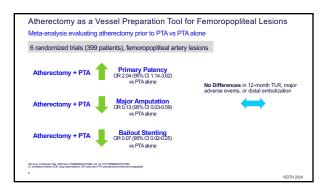
Atherectomy Under Fire "Check Loss Their Less". - The New York Times - New York T

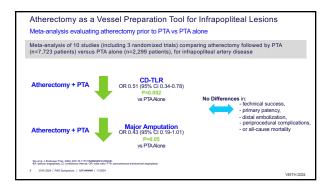


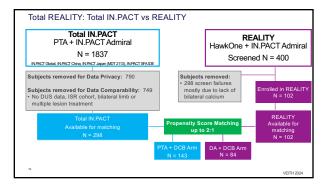


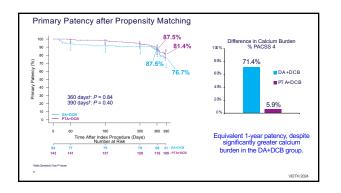


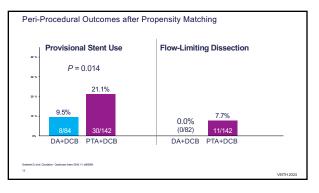


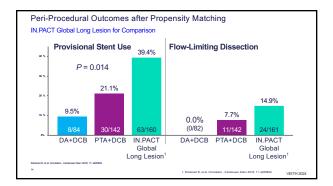




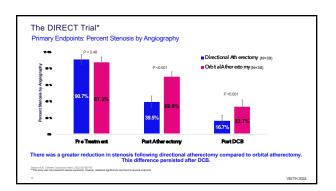


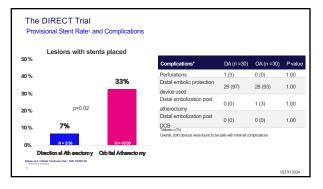


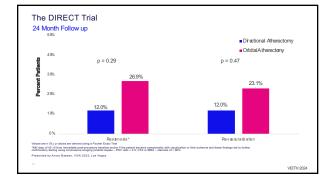




Devices Used and Study D	Design	Angiography with decision to treat	
Medtronic HawkOne* directional atherectomy system* (DA) • Mnimum 6 passes: in multible planes	Directional atherectomy	Randomization	Orbital atherectomy
CSI Diamondback 360** peripheral orbital atherectomy system (OA) • 2.0mm solid crown used • Mnimum 2 passes on each speed (009/01/20 rom)	Pre-treatment IVUS Directional atherectomy		Pre-treatment IVUS Orbital atherectomy
Medtronic IN.PACT [~] Admiral drug-coated balloon (DCB)	Post-atherectomy IVUS Angioplasty with DCB		Post-atherectomy IVUS
Boston Scientific Opticross ^{**} 18 intravascular ultrasound catheter	Post-angioplasty IVUS		Post-angioplasty IVUS







Conclusions

- There is a significant body of evidence supporting the safety and effectiveness of atherectomy devices with scientific publications increasing in the last decade as device use increases
- · Atherectomy results in reduced need for provisional stenting
- The REALITY and Total REALITY studies demonstrated that Directional Atherectomy is an effective strategy for complex, heavily calcified fem-pop lesions
- The DIRECT Trial shows Directional Atherectomy has better stenosis reduction and lower provisional stent rates compared to Orbital Atherectomy, with both being safe and having minimal complications.

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