When, How, and with Which Devices Are Endovascular Treatments the Best Way to Treat BTK Disease Causing CLTI? S14 Annual VEITH Symposium November 19-33, 2024 New York, New York

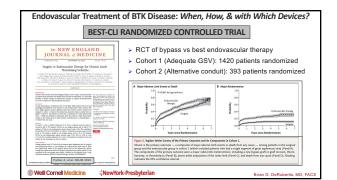
Brian G. DeRubertis, MD, FACS Leon C. Hirsch Professor of Surgery Chief, Division of Vascular & Endovascular Surgery New York Presbyterian – Weill Cornell Medical Center New York, New York

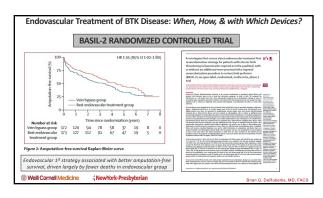
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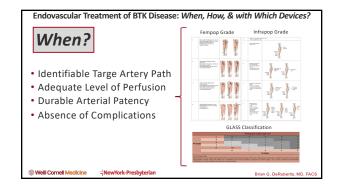
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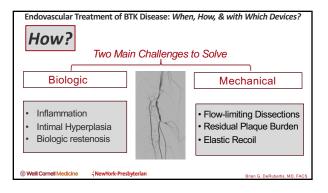
Brian G. DeRubertis MD. FACS

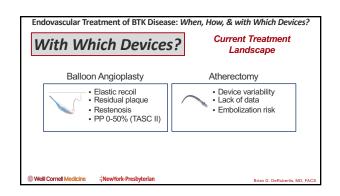
Disclosure Statement of Financial Interest Within the past 12 months, I or my spouse/partner have had a financial interest/arrangement or affiliation with the organization(s) listed below. Company Affiliation/Financial Relationship Consulting Fees / Honoraria Consulting Fees / Honoraria Honoraria BD / Bard Affiliation Financial Relationship Consulting Fees Consulting Fees

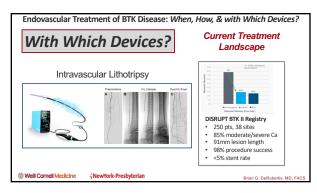


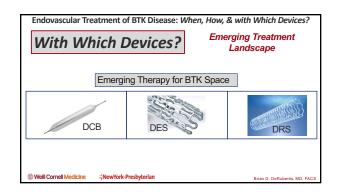


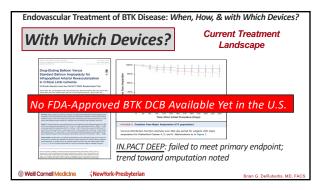


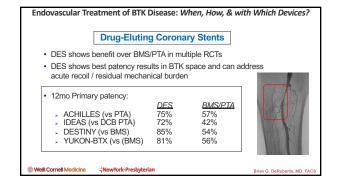


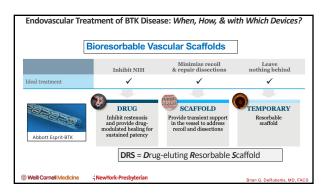


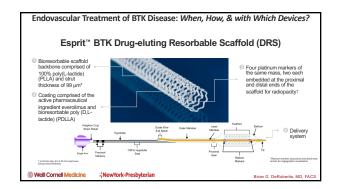


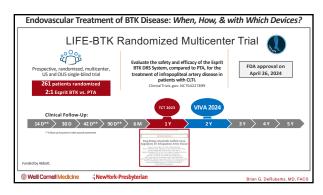


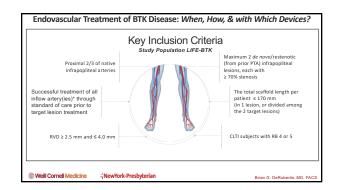


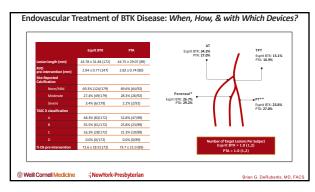


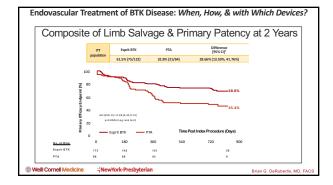


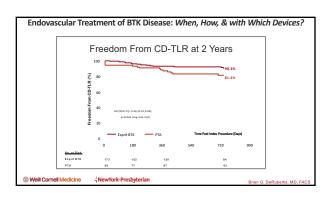












Scaffolds, Stents, and Drug-Coated Devices for BTK Disease Enrolling / Completed Trials with BTK DRS Devices				
Abbott	ESPRIT BTK	PLLA	Everolimus	Randomized LIFE-BTK IDE Tri completed, Presenting @ TCT2023 (n=261) PI: Varco, DeRubertis, Parihk
Reva	Motiv	Tyrocore (Tyrosine- derived polycarbonate)	Sirolimus	CE Mark obtained. Single-arm FilH study (N=60). MOTIV-I Randomized IDE trial, approx 150 pts enrolled (N=29). Pl: Armstrong, Schmidt
R3 Vascular	Magnitude	High molecular weight PLLA	Sirolimus	Single-arm FIH RESOLV-I in follow-up (N=30). Randomized IDE Trial planned (N=300) Pt: Brodman, Secensky, Varco
Biotronik	Magmaris	Magnesium	Sirolimus	Retrospective 24mo single center study completed (N=28)
Meril	MeRes	PLLA	Sirolimus	Non-randomized CREDENCE BTK single-arm study enrolling (N=30)
Weill Cornell Me	dicine = NewYork-Pr	esbyterian		Brian G. DeRubertis, MD, FAC

Conclusions

- Tibial disease in CLTI patients remains a challenging area to treat.
- To effectively treat BTK disease in tibial arteries, one must confront both the mechanical and biologic challenges that are present below the knee, ideally without limiting future therapeutic options.
- Drug-eluting Resorbable Scaffolds (DRS) have proven effective in the LIFE-BTK trial and may represent a major advance in BTK therapy.

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