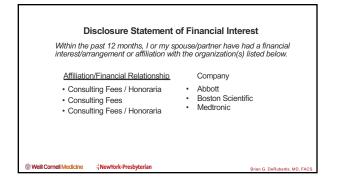
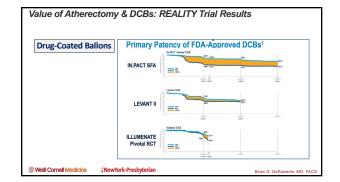
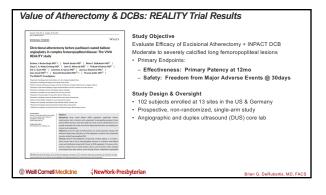
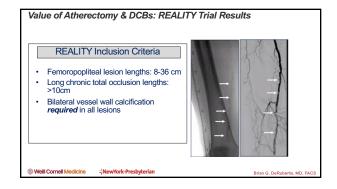
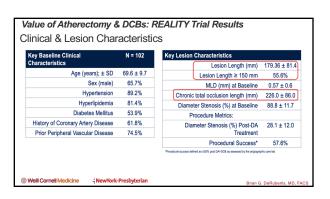
## Value of Directional Atherectomy followed by DCBs for Long Calcified Fempop Lesions as Demonstrated by the Results of the REALITY Trial 51<sup>st</sup> Annual VEITH Symposium November 19-23, 2024 New York, New York Brian G. DeRubertis, MD, FACS Chief, Division of Vascular & Endovascular Surgery Department of Surgery New York Presbyterian – Weill Cornell Medical Center New York, New York \*\*Medil Cornell Medicine\*\* \*\*New York Presbyterian\*\* \*\*New York Presbyterian\*\* \*\*New York Presbyterian\*\* \*\*New York Presbyterian\*\*

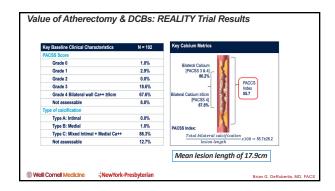


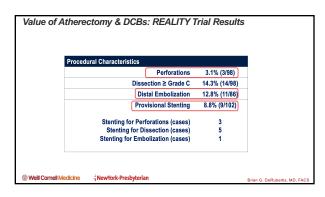


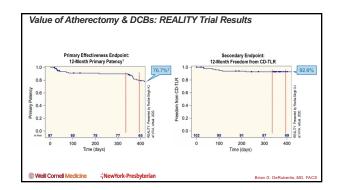


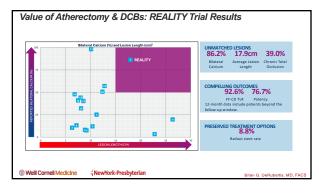


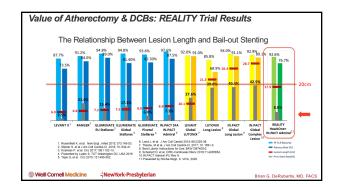


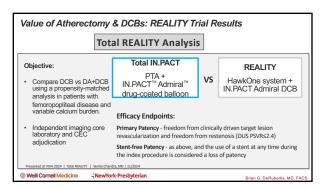


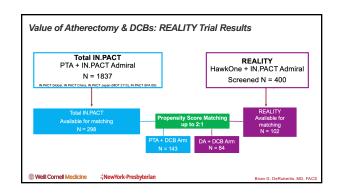


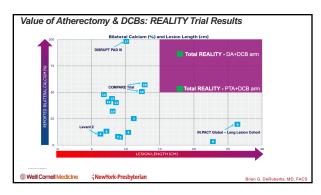


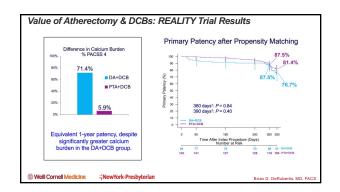


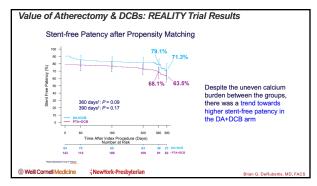












## Value of Atherectomy & DCBs: REALITY Trial Results

## Conclusions

- The REALITY Study has demonstrated that combination therapy of excisional atherectomy and DCB can result in:
- > Excellent patency rate (76.7%) for this challenging lesion subset
- > Low bail-out stent rate (8.6%) compared to similar patient populations
- Complication rates (12.8% embolization) that reflect the severity of the disease
- Total REALITY analysis demonstrates:
- $\succ$  Similar patency rates between DCB alone and DA+DCB
- Trend toward stent-free patency for DA+DCB despite much more significant calcium burden in these patients

## Value of Directional Atherectomy followed by DCBs for Long Calcified Fempop Lesions as Demonstrated by the Results of the REALITY Trial 51\* Annual VEITH Symposium November 19-23, 2024 New York, New York Brian G. DeRubertis, MD, FACS Chief, Division of Vascular & Endovascular Surgery Department of Surgery New York Presbyterian – Weill Cornell Medical Center New York, New York

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