Late-Breaking Final Patency and Wound Healing Results with a 3-French Compatible Microstent (From Micro Medical) Versus POBA for Antegrade or Retrograde Insertion to Treat Tibial Artery Lesions: From the STAND RCT

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The Research Studies for: MicroStent 3Fr System Treatment of Tibioperoneal Arterial Lesions *The STAND RCT – US The HEAL Registry - OUS* 

## Disclosures

Consultant. Abbott, Bentley, BSCI, Cardinal Health/Cordis, Centerline BioMedical, Cook Medical, CR BARD/Becton Dickinson, CSI, Endologix, Inari, Medtronic, Micro Medical Solutions, Penumbra, Philips, Terumo, WL Gore

Grant/Other Research Support: Abbott, BSCI, CR BARD/Becton Dickinson, Endologix, Inari, Micro Medical Solutions, Philips, WL Gore

<u>Stockholder:</u> Other Financial or Material Support - Centerline BioMedical - member of the Scientific Advisory Board and as such I have a small, negligible amount of stock



## STAND – Randomized, Multicenter US Trial

- Define STAND Trial and Endpoints
  Traditional in Design
- Share learning from STAND
  STAND supports the growing evidence that we
  are seeing in our everyday treatment and
  management of CLTI patients

## STAND – Randomized, Multicenter US Trial

- Important to make distinctions between the endpoints of past and current BTK device studies
- Now give consideration to 'new' endpoints compatible with today's study outcomes
- This 'new' direction in study outcomes is vital to the evolving success of the CLTI patient management.



HEAL Registry – Post Market, Real World Evidence
Evaluation of Clinical Outcomes of the MicroStent Peripheral Stent System All Comer's - 15 EU centers Brolinent 273 patients Evaluation of Clinical Outcomes of the MicroStent Peripheral Stent System All Comer's - 15 EU centers Brolinent 273 patients Control of Clinical Outcomes of the MicroStent Peripheral Stent System All Comer's - 15 EU centers Brolinent 273 patients Control of Clinical Outcomes of the MicroStent Peripheral Stent System All Comer's - 15 EU centers Brolinent 273 patients Control of Clinical Outcomes of the MicroStent Peripheral Stent System All Comer's - 15 EU centers Brolinent 273 patients Control of Clinical Outcomes of the MicroStent Peripheral Stent System All Comer's - 15 EU centers Brolinent 273 patients Control of Clinical Outcomes of the MicroStent Peripheral Stent System All Comer's - 15 EU centers Brolinent 273 patients Control of Clinical Outcomes of the MicroStent Peripheral Stent System All Comer's - 15 EU centers Brolinent 273 patients Control of Clinical Outcomes of the MicroStent Peripheral Stent System Control of Clinical Outcomes Control of Clinical Outcomes of the MicroStent Peripheral Stent System Control of Clinical Outcomes Control of Clinical Outcomes Co
Effectiveness Outcomes: Primary Patency at 6M Composite of : Freedom from <i>terreat lesion occlusion</i> AND No <u>almicativ driven larget lesion reintervention (CD-TLR)</u>









## **Conclusions:**

- STAND and HEAL provide a large cohort of CLTI patients treated under controlled clinical treatment and follow up through 2 years.
- Traditional endpoints need to be supplanted by clinically relevant, patient-centric outcomes.
- Maintaining inflow and outflow are critical for sustaining vessel patency, wound healing, and freedom from amputation.
- Close to 400 CLI patients have been studied with the MicroStent device under simultaneous IDE and post market studies.
- STAND data will be available to share in the first half of 2025.