Below the Ankle Interventions in 2024: Techniques, Devices and Should Balloons be Drug Coated or Not



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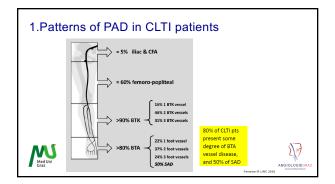


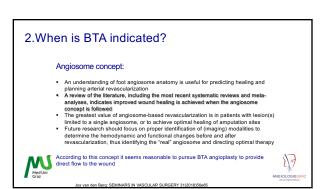
Disclosure Statement of Financial Interest

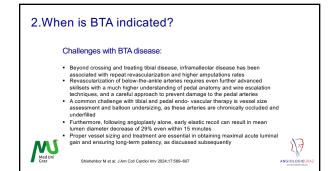
I, (insert name) DO NOT have a financial interest/arrangement or affiliation with one or more organizations that could be perceived as a real or apparent conflict of interest in the context of the subject of this presentation.

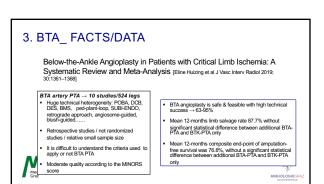




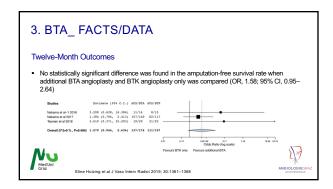








3. BTA_ FACTS/DATA Twelve-Month Outcomes The difference in the limb salvage rate between additional BTA angioplasty and BTK-treated arteries only was not statistically significant (OR, 1.23; 95% CI, 0.61-2.49) 2.600 (0.240, 28.147) 13/14 15/18 1.053 (0.491, 2.260) 124/140 103/117 4.362 (0.198, 96.203) 20/20 23/25 W) ANGIOLOGIEGE Eline Huizing et al J Vasc Interv Radiol 2019; 30:1361-1368



3. BTA_ FACTS/DATA

Impact of Endovascular Pedal Artery Revascularisation on Wound Healing in Patients With Critical Limb Ischaemia [Jung HW et al; Eur J Vasc Endovasc Surg (2019) 58, 854-863.]

- Retrospective analysis single centre cohort 239 patients EVR of IP arteries in CLTI; PAR was attempted in 141 patients After propensity score matching there were 87 pairs or patients with and without PAR

 PAR was achieved in 60 % of the PAR group

 Direct angiosome flow was more frequently obtained in the PAR group than in the non-PAR group (81.6% vs. 34.5%; p < .001)
 - Subnitmal angioplasty (47.1% vs. 29.9%; p =.019) and pedal plantar loop technique (18.4% vs. 0%; p < .001) were more frequent in the PAR group

- 12 Month FU
 PAR group greater freedom from major amputation (96.3% vs. 84.2%; p = .009)
 Wound healing rate, overall survival, major adverse limb event, and freedom from re-intervention did not differ significantly
- between the two groups
 However, the patient subgroup with successful PAR showed a higher wound healing rate than the non-PAR group (76.0% vs. 67.0% pc. 031)

Successful PAR was identified as independent predictor for improved wound healing [[HR] 1.564, p=0.022]

3. BTA_ FACTS/DATA

Prediction of Technical Failure of Inframalleolar Angioplasty in Patients with Chronic Limb Threatening Ischaemia [Yusuke S et al; Eur J Vasc Endovasc Surg 2022 Jun;63(6):852-863.]

determine anatomically evaluated predictors of the technical failure of inframsileolar angioplasty (IMA), develop a dictive model for unsuccessful IMA, and investigate the effect of IMA on clinical outcomes in patients with chronic limb altering ischamel (CLTI)

- Single centre retrospective observational study enrolled 159 patients with CLTI who underwert IMA for de novo occluded lesions between November 2017 and May 2021. These patients were divided into two groups: the Faild MAy group, (in: 62) and the Successif IMA group, (in: 637).
 No target vessel outlieve (OR 38.8, 95% C1 10.7 e 148, p < 001), medial artery calcification (MAC) grade (OR 431, 95% C1 1.40 e 17.3, p = 010), and occluded pedial arter (OR 52, 95% C1 1.2 e 22.7, p = 309) were

- identified as independent predictors of IMA technical failure

 The patents in the Successful MM group had a significantly higher proportion of wound healing at 12 months than those in the Falled IMA group parts; pc 1309.

 IMA technical failure was associated with a significant change in the proportion of wound healing (HR 0.59, 95% Cl 0.376 9.94, pc 330).

3. BTA FACTS/DATA

Clinical Outcomes of Additional Below-The Ankle Intervention Compared to BelowThe-Knee Intervention Alone: A Post-Hoc Analysis of a Prospective

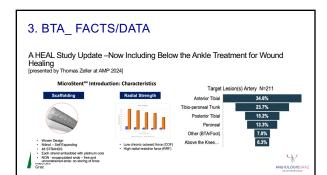
Multicenter Study [Metser G et al; J Endovasc Ther 2023 Oct;30(5):711-720. doi: 10.1177/15266028221092981. Epub 2022 May 3]

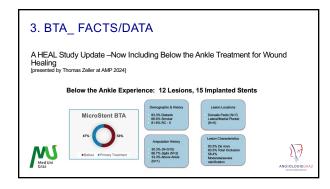
To investigate the clinical implication of additional below-the-ankle (BTA) intervention in patients with chronic limb-threatening ischemia (CLTI) undergoing below-the-knee (BTK) intervention.

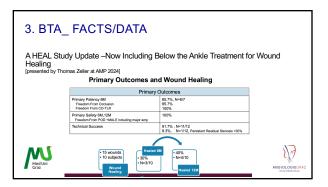
- Subgroup analysis was performed using data from the LIBERTY trial
 Participants were then stratified into 2 treatment groups according to whether at least one lesion intervened on was
- Participants were train seasons and a season train of the participant of the partici











3. BTA_ FACTS/DATA Below-the-Ankle Orbital Atherectomy in Chronic Limb-Threatening Ischemia Patients as a Bailout Strategy for Limb Salvage: Early Clinical Experience Patena LM et al; Cardiovasc Revasc Med; 2022 Sep.42.121-125.doi: 10.1016/j.carev.2022.03.015.Epub 2022 Mar 24.] 12 patients (mean age 69.4 ± 14.7; range 67 to 85 years) who were affected by diabetes underwent orbital atherectomy below the fixee and ankle atherial segments Orbital atherectomy was performed in 3 cases in Anterior tibal (AT) and dorsalis pedic (Ped) arteries + Posterior tibal (PT) and Lateral Plantar (Lat Plan) 5 cases in PT and Lat Plan arteries, 1 case of PT and Medial Plantar, 1 case of Peroneal and Plantar (Lat Plan arteries, 1 case of PT and Medial Plantar, 1 case of Peroneal and Plantar (Lat Plan arteries, 1 case of PT and Medial Plantar, 1 case of Peroneal and Plantar (Lat Plan arteries, 1 case of PT and Medial Plantar, 1 case of Peroneal and Plantar (Lat Plan arteries, 1 case of PT and Medial Plantar, 1 case of Peroneal and Plantar (Lat Plan arteries, 1 case of PT and Medial Plantar, 1 case of Peroneal and Plantar, 2 case of Peroneal and Plantar (Lat Plan arteries, 1 case of PT and Medial Plantar, 1 case of Peroneal and Plantar, 2 case of PT and Medial Plantar, 2 case of Peroneal and Plantar, 2 case of Peroneal and Plantar, 3 case of Peroneal and Plantar, 3 case of Peroneal and Plantar, 3 case of Peroneal Anterior, 3

