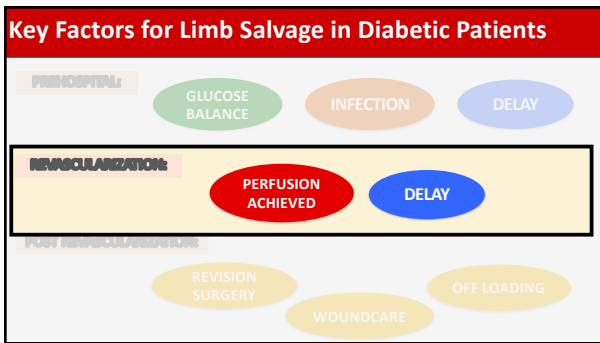


Do Diabetic Patients With CLTI And Extensive Foot Necrosis Have Time For Endovascular First Strategy:
 Why Primary Open Bypass Treatment Is Better in this setting

Katariina Noronen, MD, PhD
 Vascular Surgeon
 Helsinki University Hospital, Finland
 Veith Symposium 2024

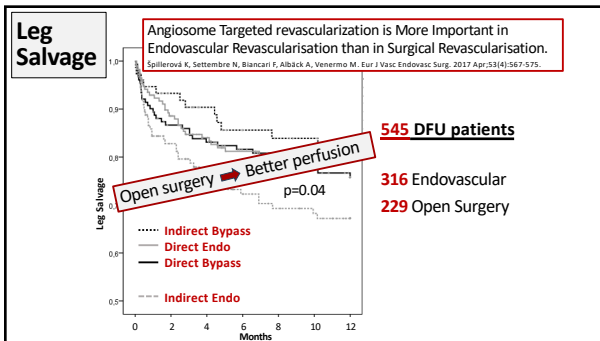
Disclosures

Medistim - Consultant



PERFUSION & MAJOR TISSUE LOSS

Pop – ADP Bypass with SSGSV



Perfusion increase in foot angiosomes:
 Comparison between direct and indirect revascularization of crural arteries
Venermo, Settembre. Scand J Surg 2024. 113(2):174-181

72 patients with CLTI
 61% diabetes

44 Endovascular treatments 28 Surgical bypasses

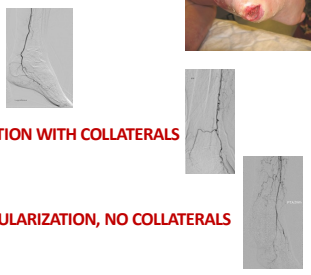

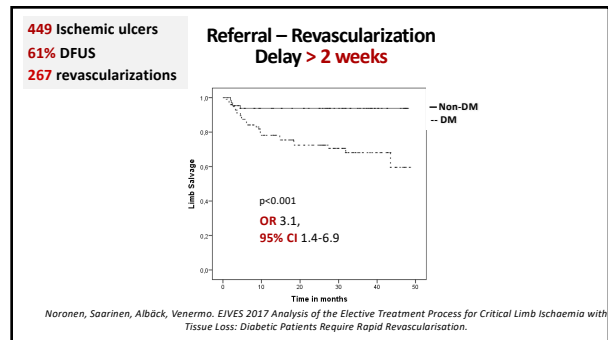
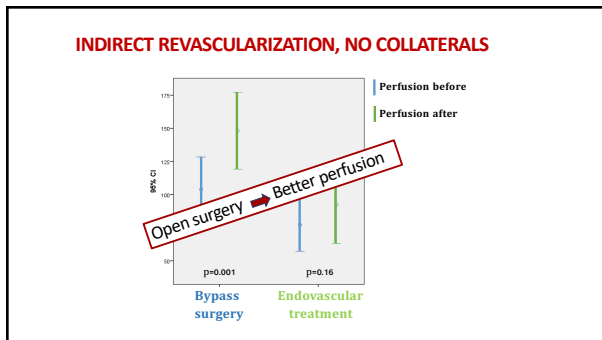
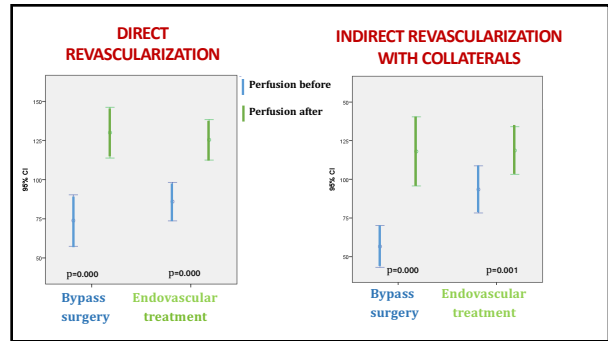
Analysis of perfusion before and after revascularization in 4 angiosomes (2 PTA, 1 ATA, 1 PA)

282 Measurements

Indocyanine green (ICG) fluorescence imaging

Perfusion changes analyzed in three groups:

- 1. DIRECT REVASCULARIZATION**
- 2. INDIRECT REVASCULARIZATION WITH COLLATERALS**
- 3. INDIRECT REVASCULARIZATION, NO COLLATERALS**

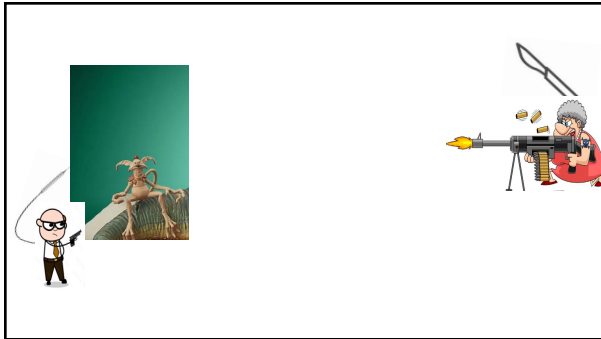
A suitable weapon to attack the target?



A suitable weapon to attack the target?



Perfusion needed?



It's all about the perfusion...

... and achieving it on time

Thank you!