

TRIUMPHS AND TRAGEDIES: TIBIOPEDAL

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I have the following potential conflicts of interest to report:

Compensated Board Member – VIVA Physicians Inc.

Compensated Consultant – Medtronic, Abbott Vascular, Boston Scientific, Phillips, CSI, Cook, Intact Vascular, Angiodynamics, Vesper

Non-compensated Investigator – Pluristem, Intact, Bard, Medtronic, Boston Scientific, Surmodics, Micromedical

Equity – Eximo



LINC



Advanced Interventional &
Vascular Services LLP



MEDIAL PLANTAR WOUND

ANGIOGRAPHOSOME DEEP ARCH

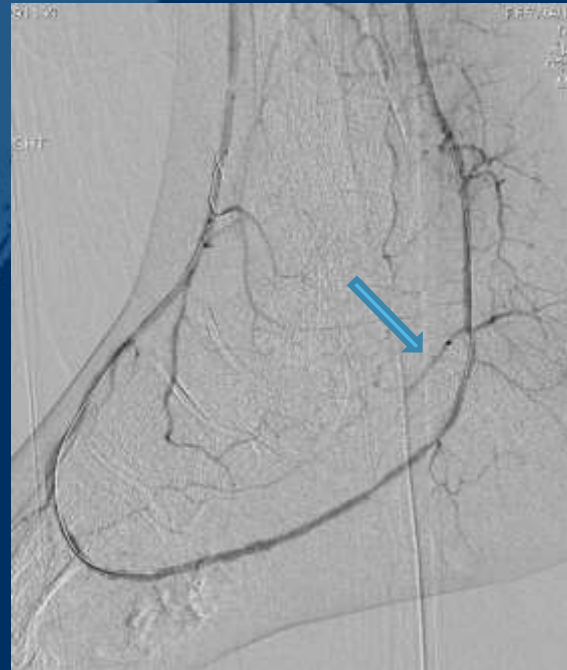


67 YO BF ESRD,
DYSLIPIDEMIA, HTN

PRIOR ANGIOPLASTY OF
PEDAL ARCH WITH
SUBSEQUENT SUCCESSFUL
HALLUX AMP

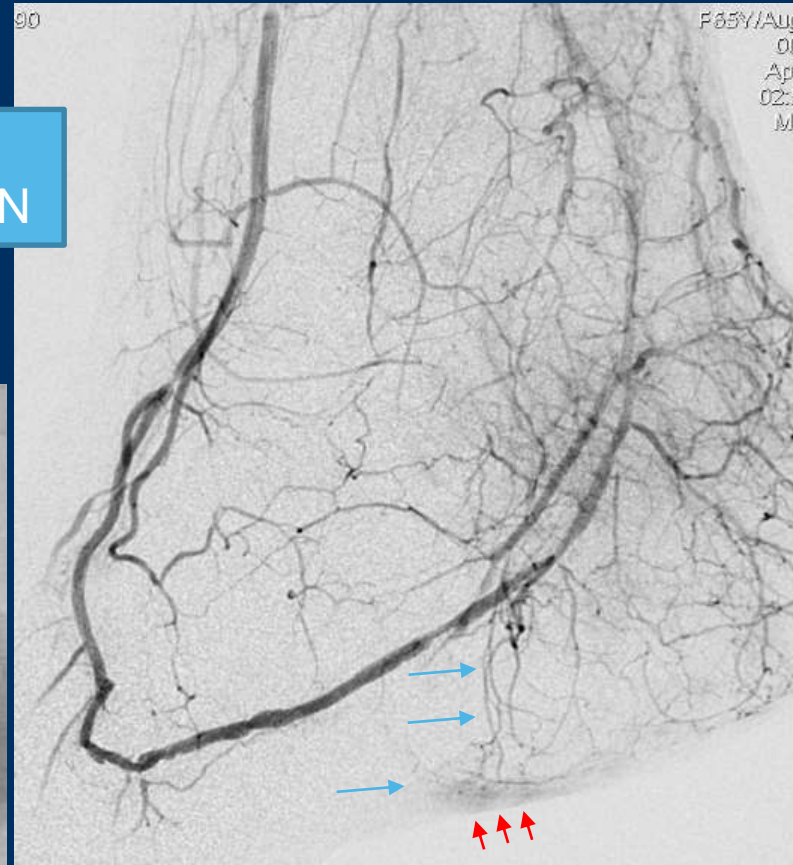
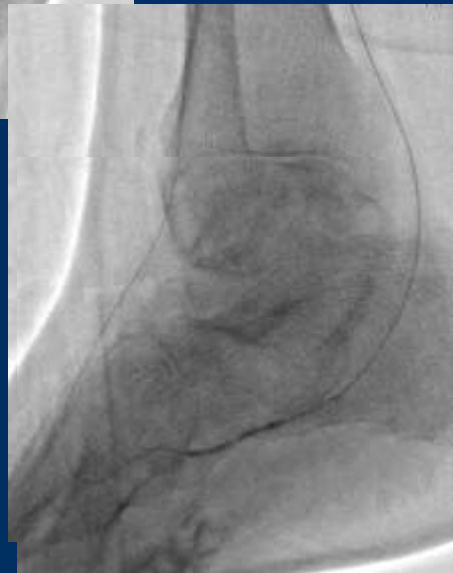
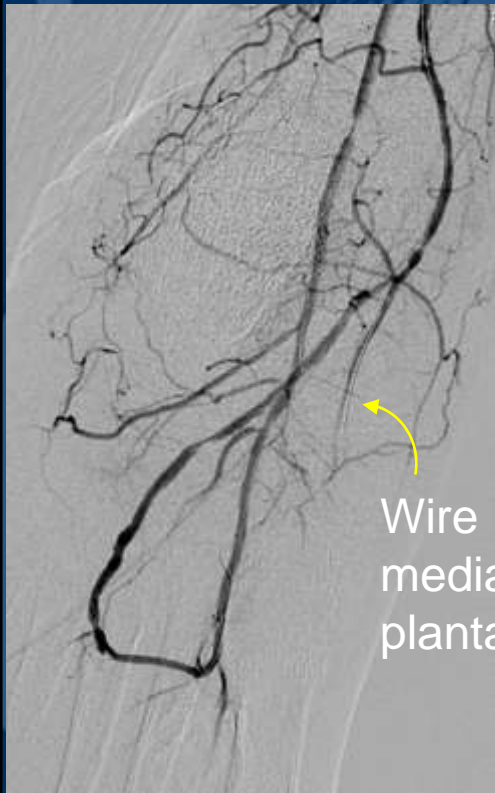
ONE-YEAR PERSISTENT
PAINFUL MEDIAL PLANTAR
WOUND

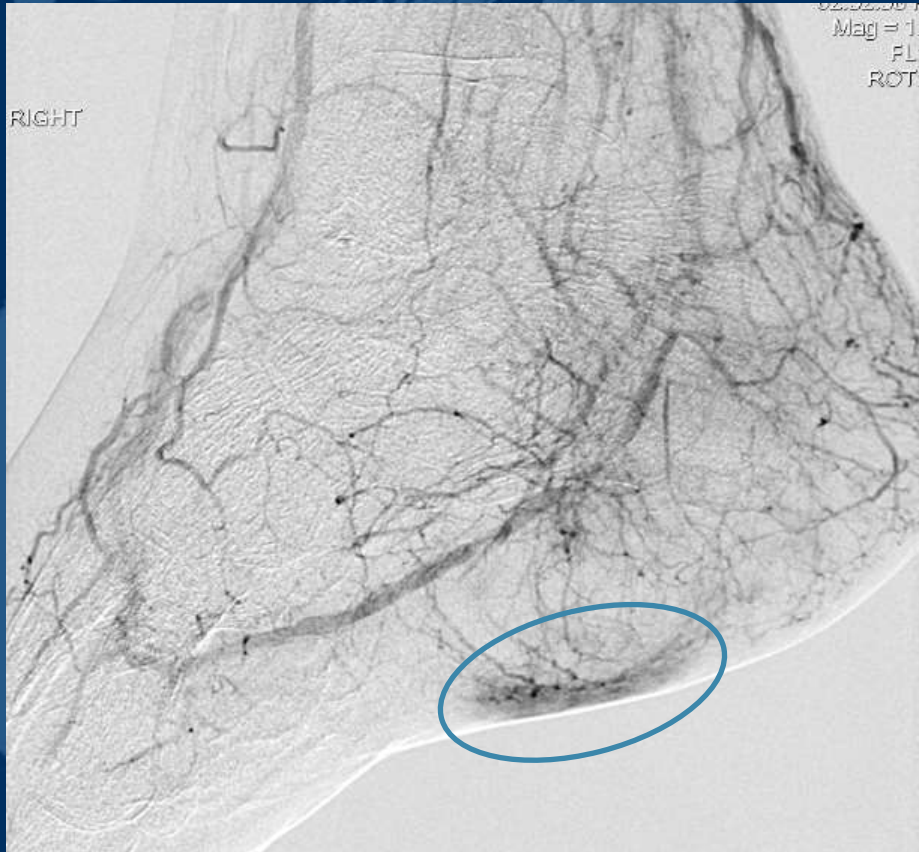




RESTORED PLANTAR-PEDAL ARCH BUT...
-OCCLUDED MEDIAL PLANTAR ARTERY
-MICROCIRCULATORY DISTURBANCE
-INADEQUATE MEDIAL FOOT
COLLATERALIZATION

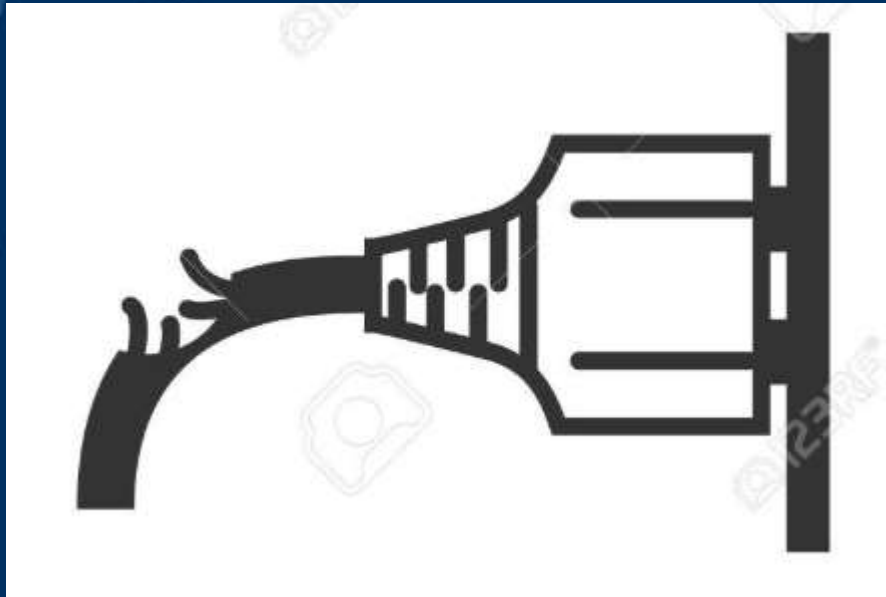
DEEP ARCH INTERVENTION



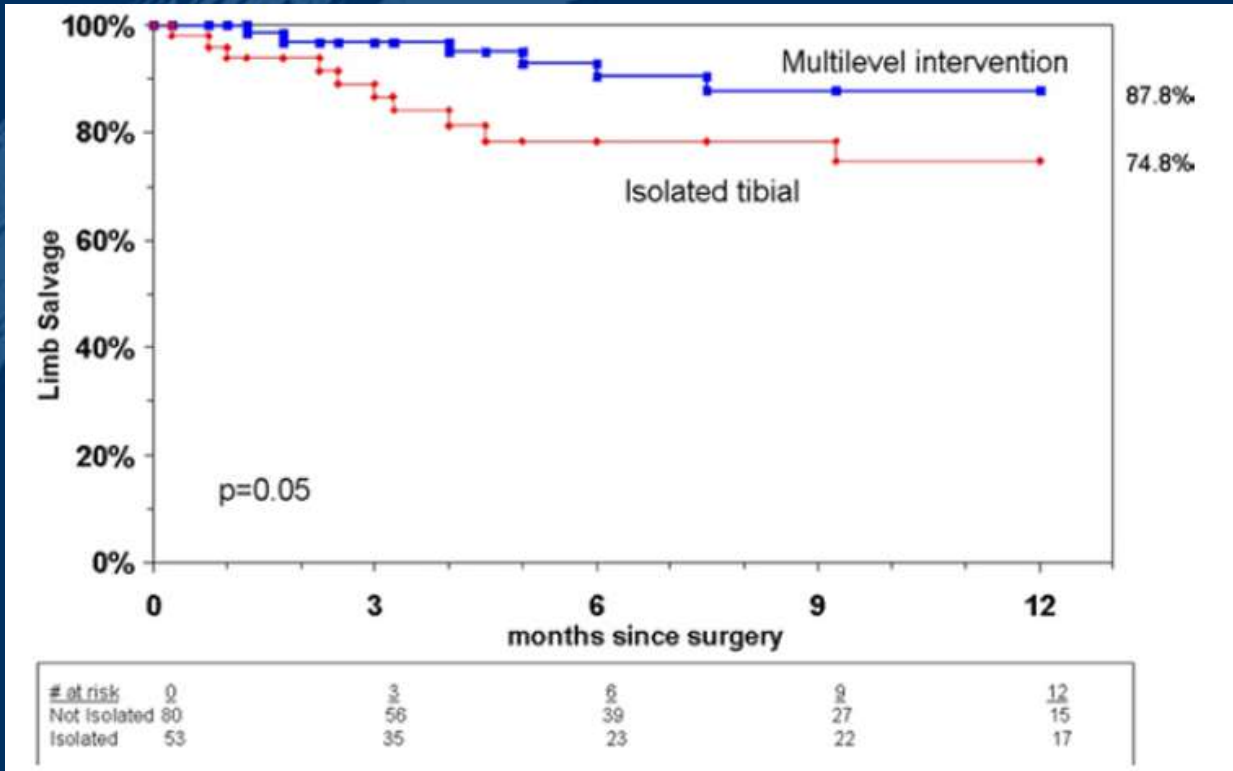




WHY THIS AND THE FOLLOWING CASES?



Establish straight line flow DELIVERY & DISTRIBUTION networks

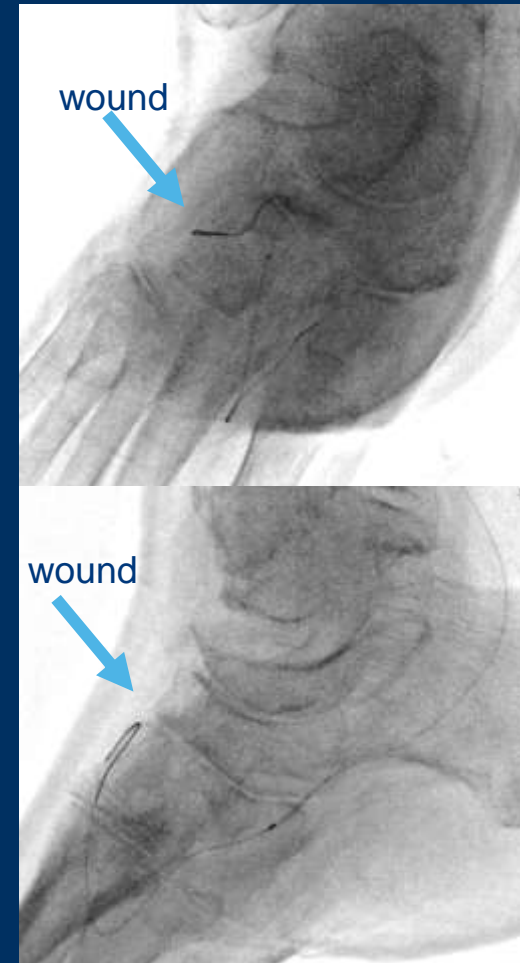
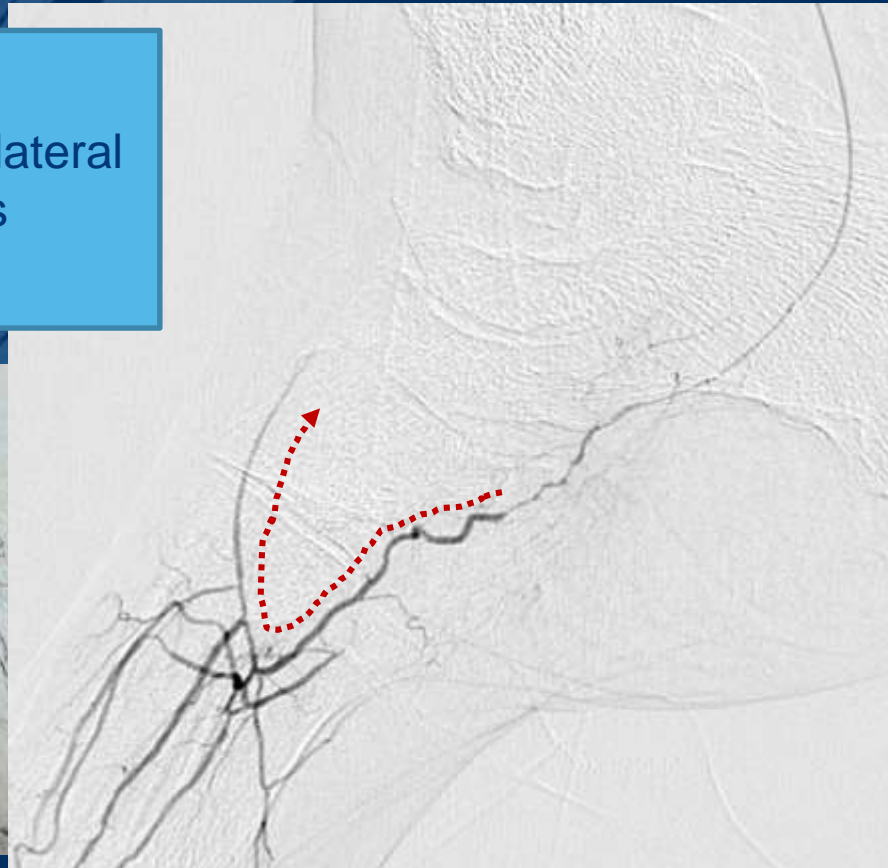


**SUPPLY AND DEMAND
are dynamic**



Angiographosome and target treatment (TAP) path

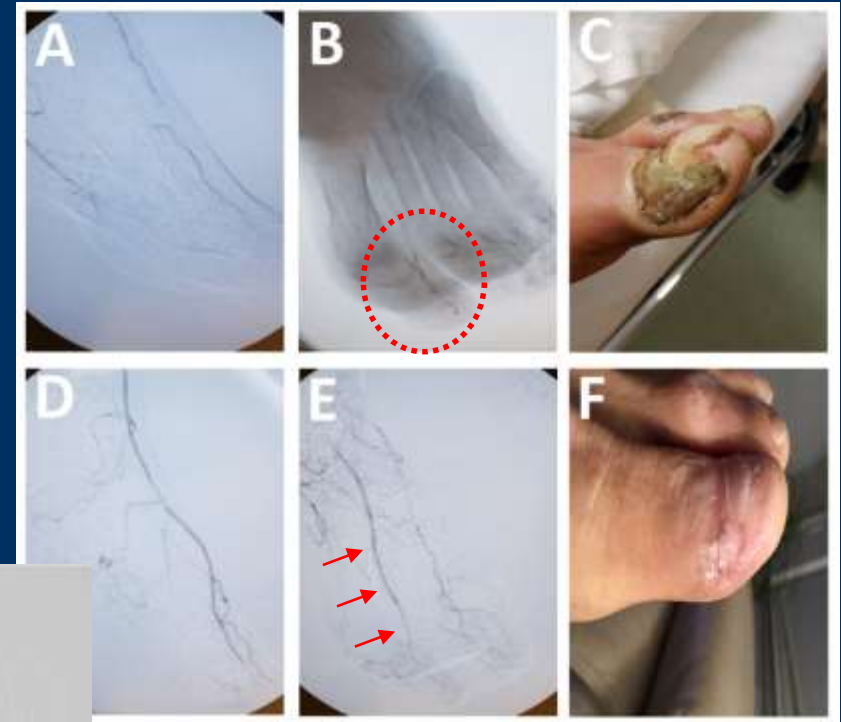
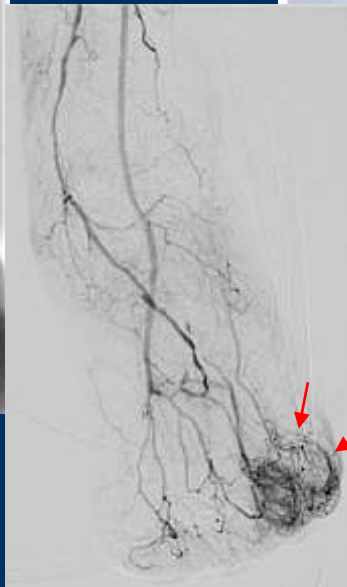
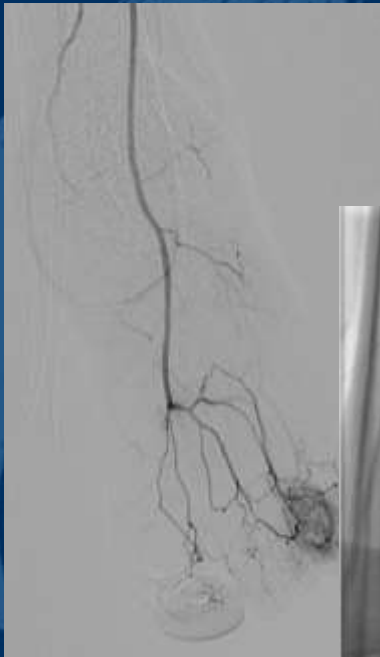
Heel and Dorsal lateral
foot wounds



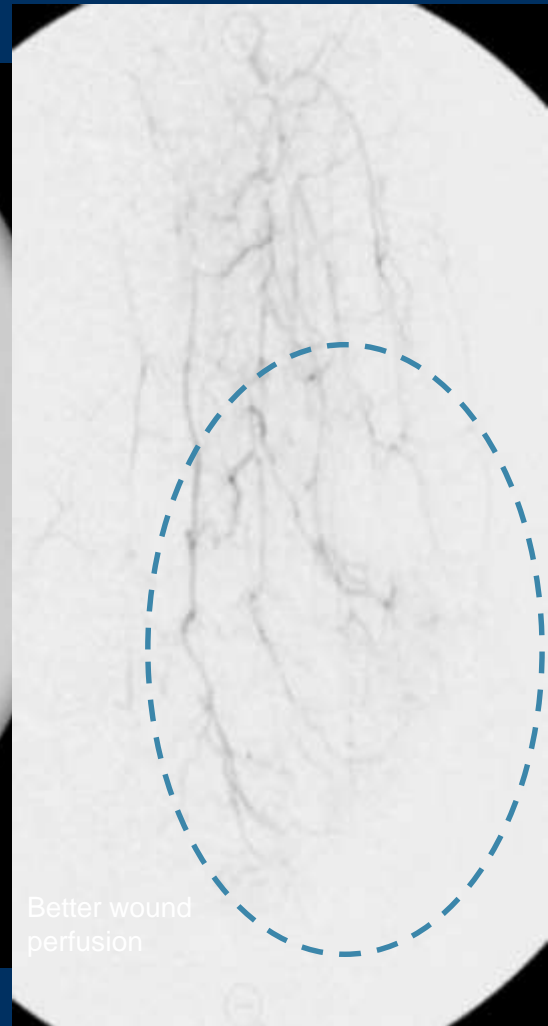
- AP and lateral foot angiography
- Selective distal injections
- Intra-arterial vasodilator
- Identify Wound blush (or indocyanine green/methylene blue)

Aggressive targeted forefoot interventions

- Pedal arch reconstruction
- Very distal angioplasty (“toeplasty”)



Compartmental Pedal Revascularization



- **TARGETED DISTAL REVASCULARIZATION**
- **WOUND DIRECTED**
- **ANGIOGRAPHOSOME MEDIATED**
- **BEST TARGET ARTERY PATH**
- **OPTIMIZE DISTRIBUTION**
- **EXCEED METABOLIC DEMANDS**

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