

OPEN VENOUS ARTERIALIZATION TECHNIQUE FOR NO-OPTION FOOT SALVAGE: A LATINOAMERICAN COHORT IN HIGH VOLUME CLTI CENTER

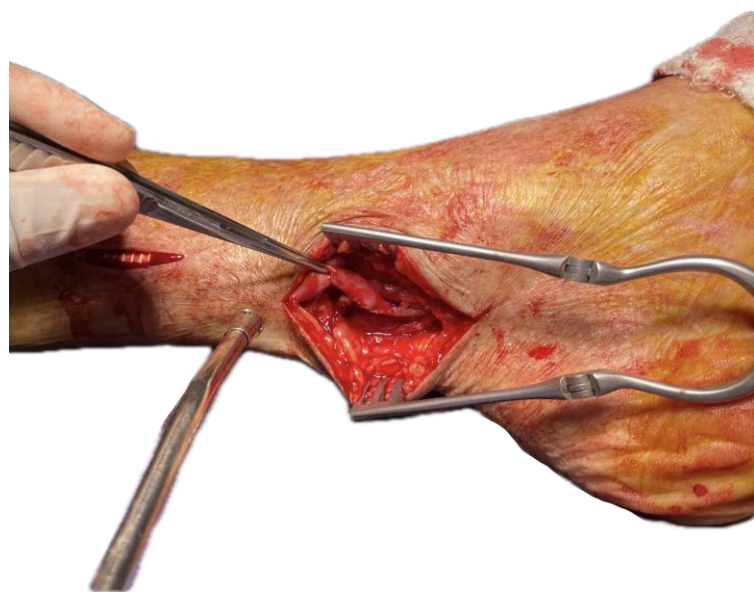
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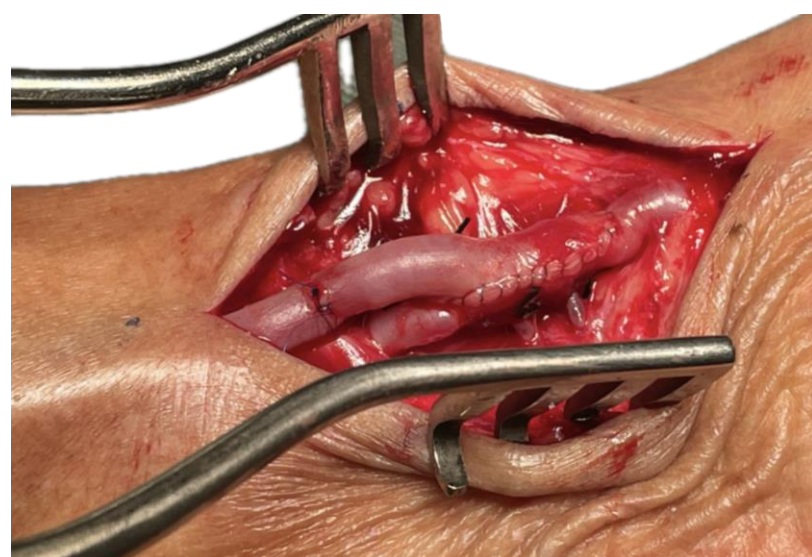
Conclusions: Open deep or superficial venous arterialization is a feasible and low-cost technique in high volume centers for patients with favorable saphenous vein and no option foot salvage in fit for surgery patients with excellent limb salvage outcomes

Introduction:

Deep or superficial venous arterialization (D/SVA) is a technique aimed at providing an **option for chronic limb-threatening ischemia** patients with no options except amputation.



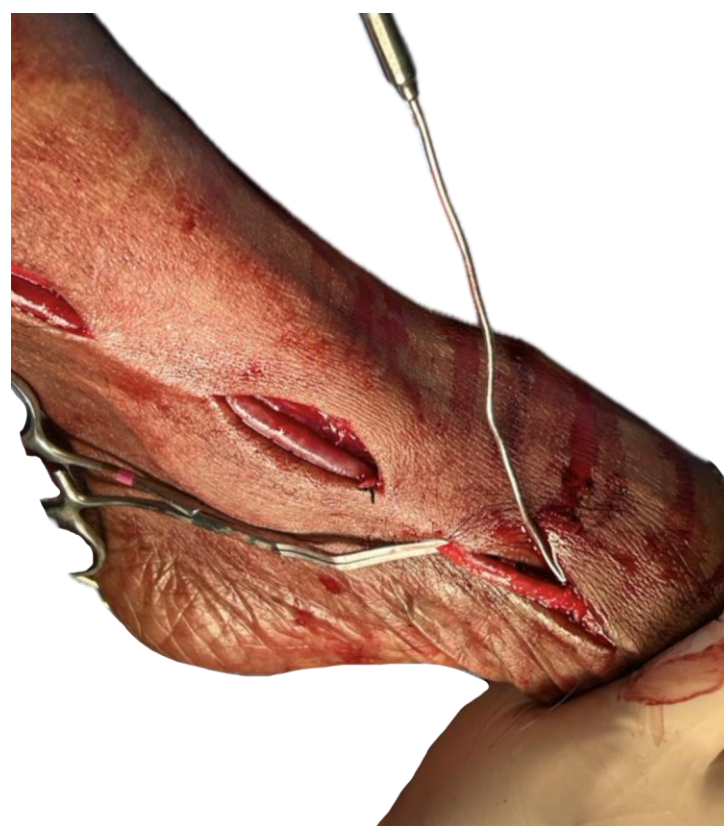
In patients with no outflow distal targets **permitting bypass**, D/SVA involves creating a connection between a proximal arterial inflow and a distal venous outflow in conjunction with disruption of the vein valves in the foot. This allows blood flow to reach the foot and potentially to resolve rest pain or to assist in healing.



The aim of this study was to show the experience with the open venous arterialization technique for no option foot salvage in high volume CLTI center.

Methods:

We performed a *retrospective observational study* from **2018 to 2022** with patients that underwent open D/SVA with a **12 months follow up** and **evaluate variables**



Results:

5 Open Deep or superficial venous arterialization (D/SVA)

60% of the patients were **male**

80% of the patients were **diabetics**

Average **operative time** of **190 minutes**
Average **bleeding** of **150 cc**

94% of **graft patency** at one year follow up
No perioperative mortalities

1 late mortality due to myocardial infarction

90% of **minor amputation** and only **10%** of **major amputations**.

Case

69 y/o male
High blood pressure
Active smoker
Crack consumer
Rest pain
First toe ulcer

