Deep foot veins arterialization

PiPeR-technique

Pioneer Peschiera Revascularization

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Disclosure

Speaker name: **Bruno Migliara**

I have the following potential conflicts of interest to report:

- [X] Consulting: Straub Medical, Philips, Boston Scientific
- [ ] Employment in industry
- [ ] Stockholder of a healthcare company
- [ ] Owner of a healthcare company
- [ ] Other(s)

- [ ] I do not have any potential conflict of interest
15-20% CLI not reconstructable

No-option CLI
Conclusions
...an immediate improvement in several cases...

Venous arterialisation for salvage of critically ischaemic limbs: a systematic review and meta-analysis
SCHREVE MA et al.

Conclusions
...venous arterialisation could be a valuable treatment...

**75% limb salvage**  
(1 year)

Conclusions
... appears to be a safe and feasible procedure
... appears to be effective in improving limb oxygenation, encouraging wound healing and potentially avoiding major amputation.

**71% limb salvage**  
(1 year)
A-V fistula

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PIioneer PLUS Philips
- Re-entry system
- 6F catheter
- Only one antegrade access
- IVUS view of tibial vessels
- Distance between artery/vein

No Calcium
No Calcium
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Personal experience

7 "no-option" CLI

7 male
75.4 years (67-84)

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Procedural success rate = 100%

Wound healing improvement = 100%
Complete healing = 28.6%

Limb salvage = 85.7%
Totally percutaneous deep venous foot arterialization seems to be an effective and safe alternative treatment in “NO-OPTION” CLI patients.

**Conclusions**

- Easy and fast procedure
- High success rate
- Standardized technique
- Only one 6F arterial access (antergrade)
- Direct ultrasound view of tibial vessels
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