

AVERTING A BTK AMPUTATION

REVASCULARIZATION OF A DISTAL
SFA POPLITEAL TIBIAL OCCLUSION
AND PLACEMENT OF DRUG ELUTING
STENTS ACROSS THE KNEE JOINT

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OPTIONS FOR TREATING LESIONS BEHIND THE KNEE JOINT

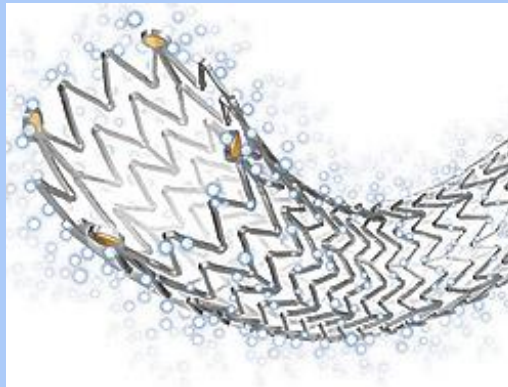
- **Atherectomy**
- **Specialty Balloons:**
 - **DCB**
 - **Plaque-modifying**
 - **Cutting**
 - **Scoring**
- **Bare Metal Stents**
- **Stent Grafts**
- **Drug-Eluting Stents**

WHICH IS THE BEST OPTION?

- Atherectomy → Effective in preparing the vessel
- Specialty Balloons: → Restenosis evident in certain populations
 - DCB
 - Plaque-modifying
 - Cutting
 - Scoring
- Bare Metal Stents → Risk of occlusion or thrombosis
- Stent Graft → Risk of occlusion or thrombosis
- Drug-Eluting Stents → Best patency rates achieved with DES

DRUG-ELUTING STENTS BEHIND THE KNEE JOINT

Placed DES behind the knee in 17 patients after COOK Zilver PTX commercial release in 2012

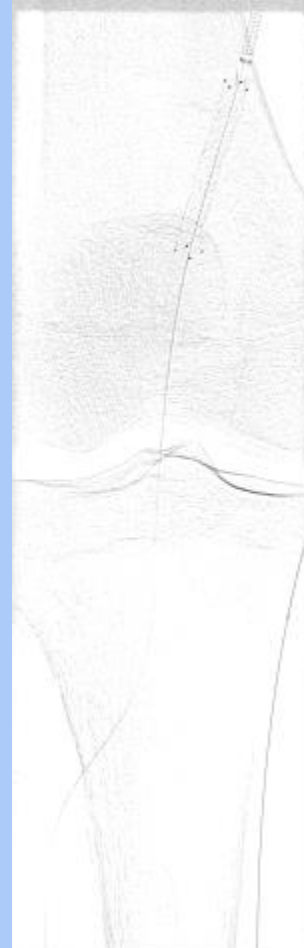
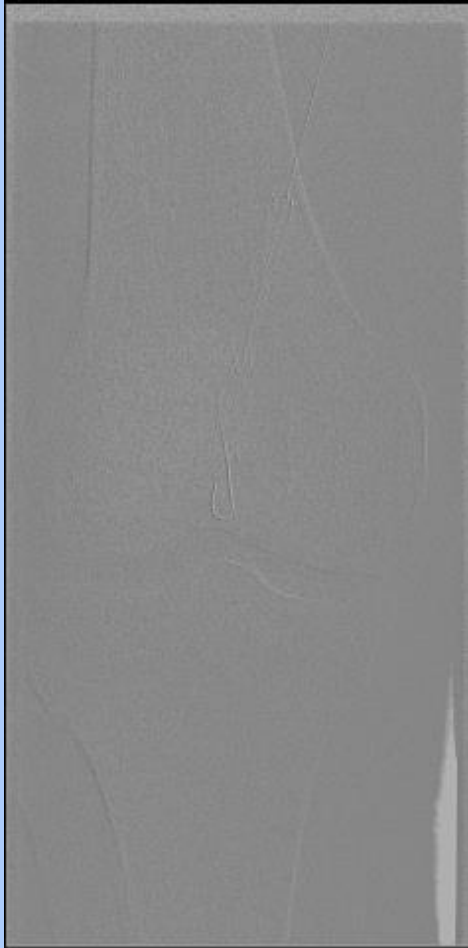


Best patency rates when comparing to other treatment modalities

- Patients also achieve complete wound healing

CASE 1

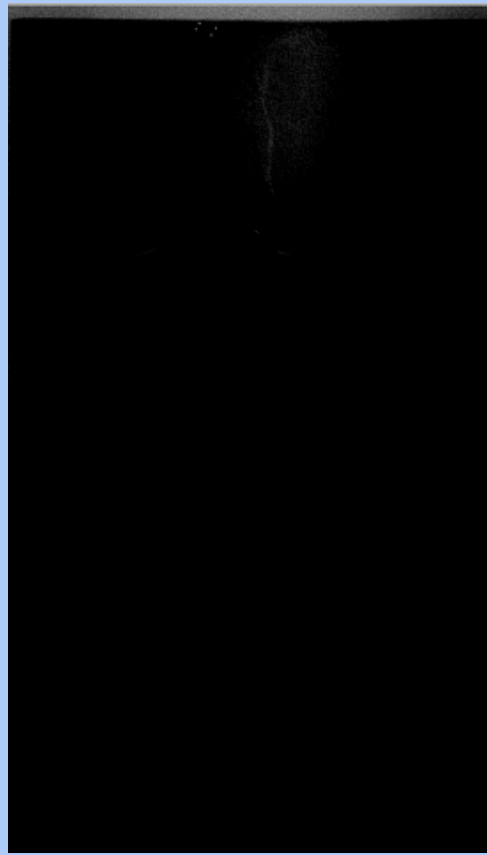
54 YEAR OLD MALE WITH HISTORY OF DM, PVD, CLI, LEFT LEG BKA, RIGHT TOE AMP, WITH ULCERS TO THE RIGHT CALF AND HEEL



CASE 1

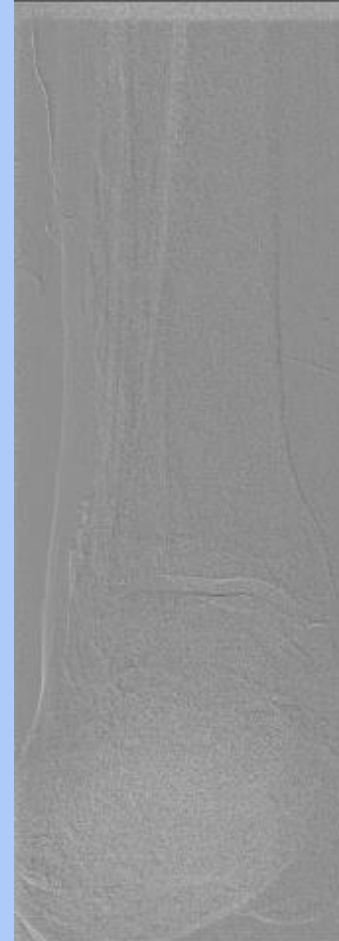
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1 Month Post-Procedure

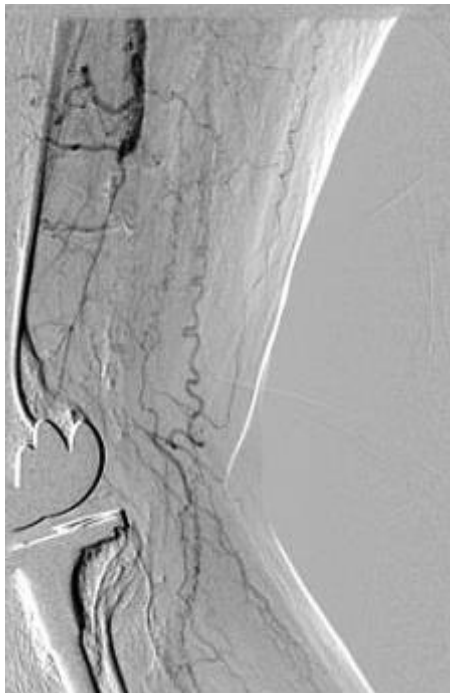
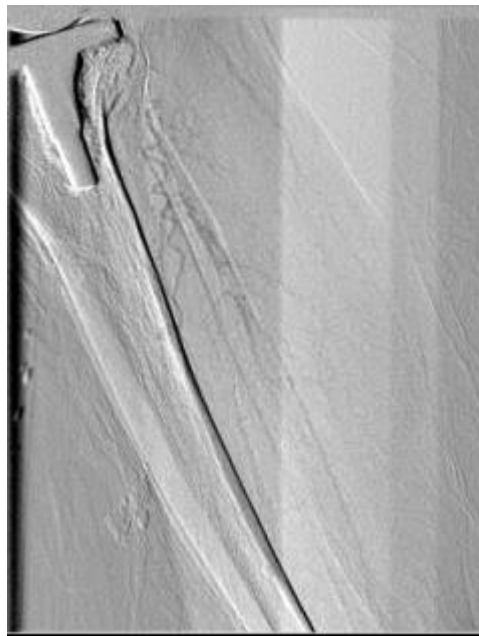
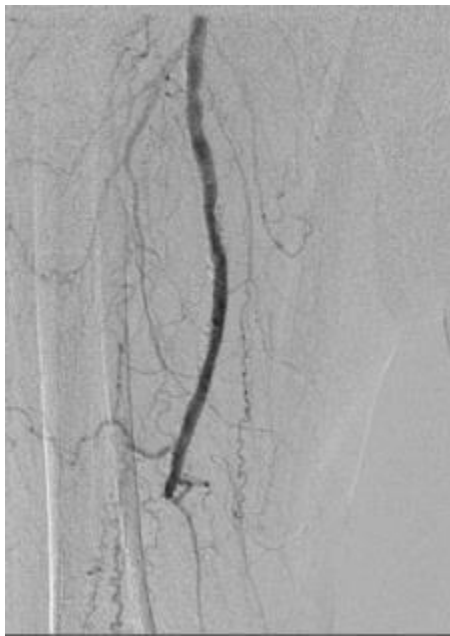


CASE 1

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**1 Month
Post-
Procedure**



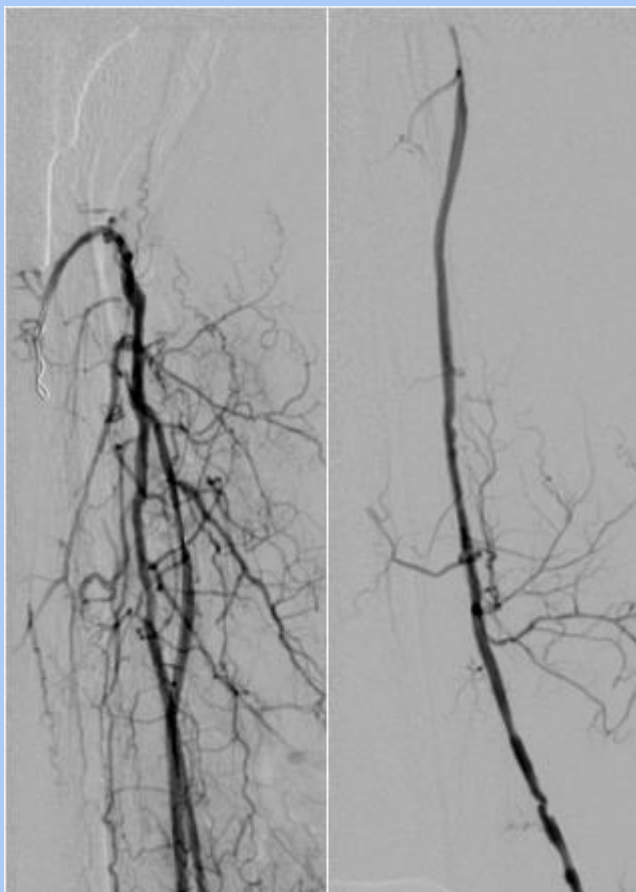
Pre-Procedure

CASE 2

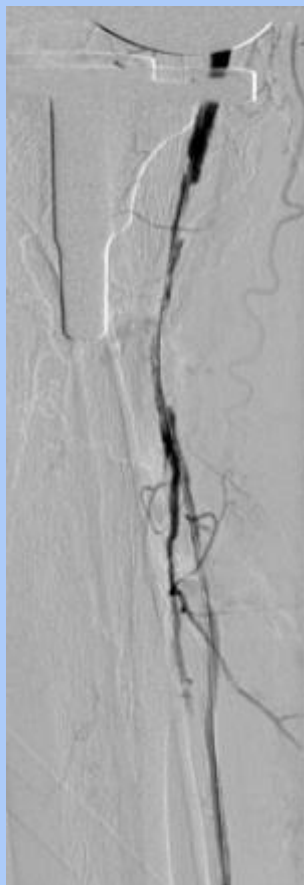
80 year old male with history of DM, HTN, HLD, severe rest pain, and non-healing ulcers of the right lower extremity. Patient was told by 2 surgeons that he needed a BTK amputation

CASE 2

80 YEAR OLD MALE WITH HISTORY OF DM, HTN, HLD, SEVERE REST PAIN, AND NON-HEALING ULCERS OF THE RIGHT LOWER EXTREMITY. PATIENT WAS TOLD BY 2 SURGEONS THAT HE NEEDED A BTK AMPUTATION



PT Retrograde Puncture



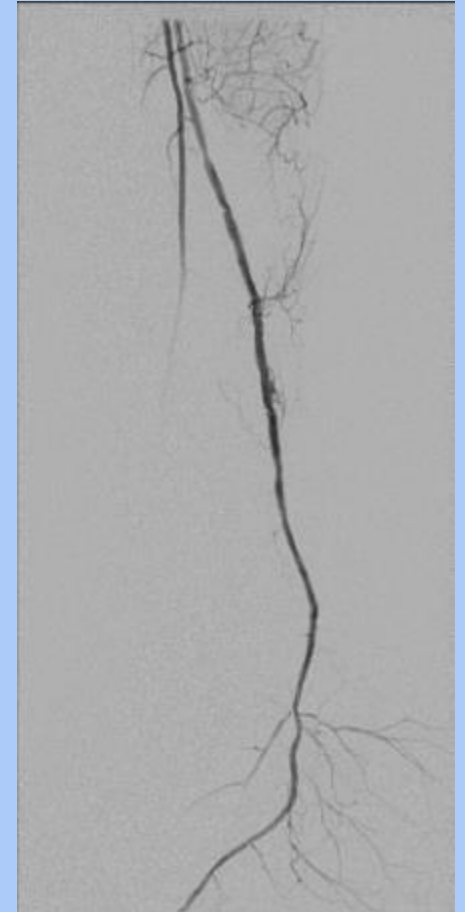
ATA Crossed



Post-Revasc Dissection

CASE 2

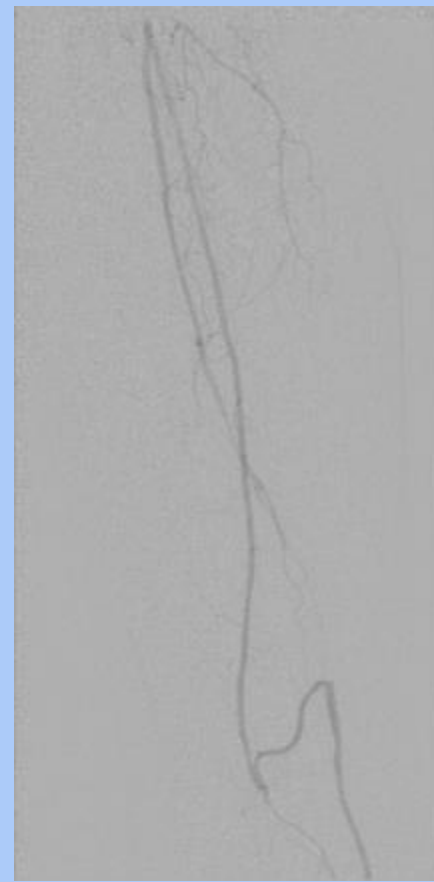
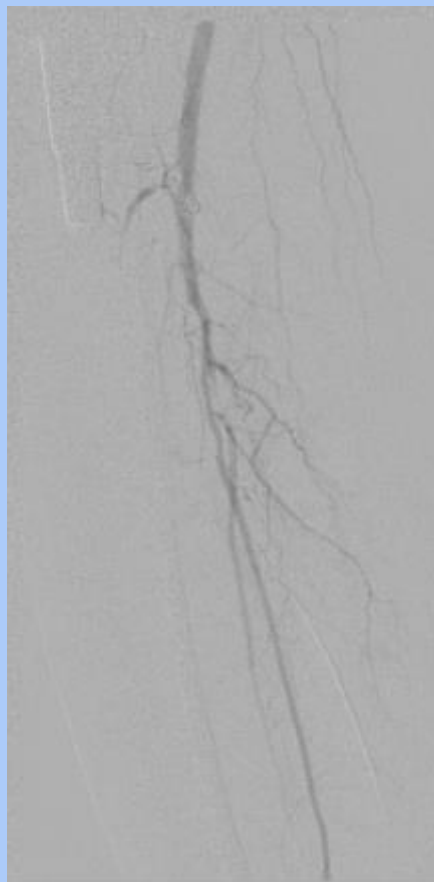
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Post-Procedure

CASE 2

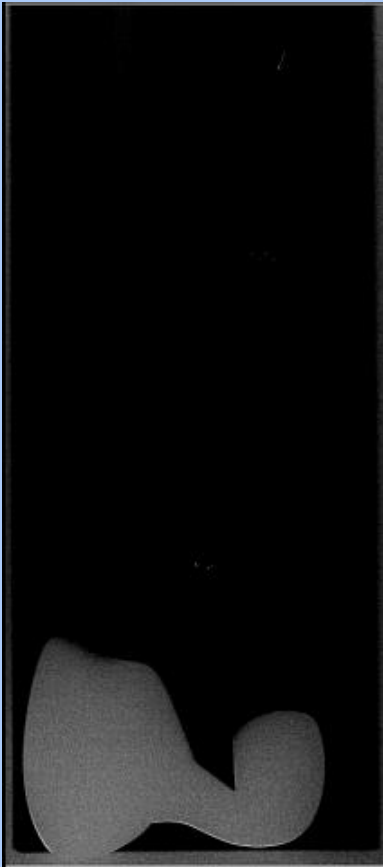
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3 Months Post-Procedure

CASE 2

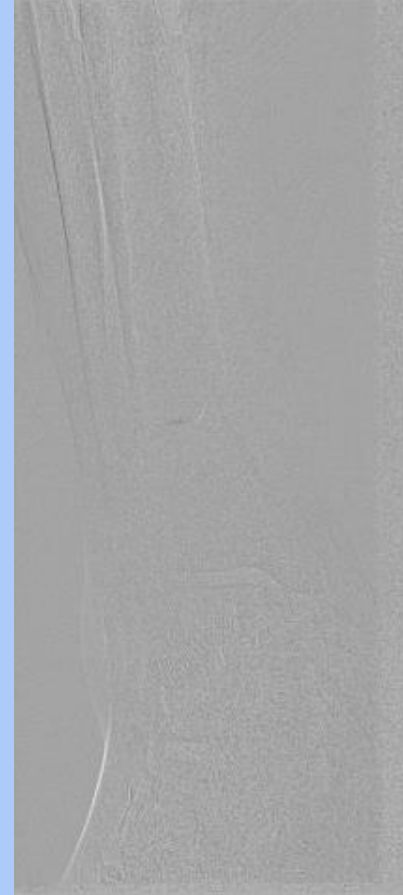
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**7 Months Post-Procedure
Before Intervention**

CASE 2

80 YEAR OLD MALE WITH HISTORY OF DM, HTN, HLD, SEVERE REST PAIN, AND NON-HEALING ULCERS OF THE RIGHT LOWER EXTREMITY. PATIENT WAS TOLD BY 2 SURGEONS THAT HE NEEDED A BTK AMPUTATION



**7 Months Post-Procedure
After Intervention**

THANK YOU



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