How the BEST Trial has Changed my Practice

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Disclosures

None

USC Practice

- Reversed vein bypasses
- Arm, SSV
- Limited PTFE or Cryo
- Tourniquet occlusion
- Intraoperative Duplex
- Endo first 50%
  - Balloon/Stent
  - Limited Atherectomy

VASCULAR

CARDIOLOGY

BEST-CLI

Best Endovascular vs. Best Surgical Therapy in Patients with Critical Limb Ischemia
Sponsored by the National Heart Lung and Blood Institute
Best Trial Aim

To compare treatment efficacy, functional outcomes and cost in patients with CLI undergoing best open surgical or best endovascular revascularization.

Cardiology

- Combined services
- Vascular Medicine
- Opened doors of Cath Lab
  - Vascular Fellows
  - Technical considerations
- Mutual appreciation
- Research projects

CLI Team

- Vascular Surgeons
- Interventional Cardiologist
- Vascular Medicine
- Nurse Practitioner
- Research Coordinator
- Vascular Surgery Fellows
- Vascular Medicine Fellow

CLI Team

- Should limb salvage be offered?
- Vein availability
- Alternative conduits
- Co-morbidities (Coronary, Carotids...)
- Reliability of patient
- Discharge Planning
Additional CLI Team Members

- Podiatry
- Plastic Surgery
- Wound Care Team
- Nutrition
- Physical Therapy

Diagnostic Angiogram

- “Informed” Informed consent
- Staged radiation exposure
- Limit contrast (renal insufficiency)
- Endovascular planning (equipment, access...)
- Open surgical planning
- Address Co-morbidities
- Length of stay???

Keck LOS

BEST Trial Changes to My Practice

- Collaboration
- CLI Team
- Diagnostic Angiogram