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CENTER

# Outcomes of Cryopreserved Allografts for Limb Salvage in Chronic Limb Threatening Ischemia

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# Disclosures

We have no disclosures



# Background

- Autologous saphenous vein preferred conduit for lower extremity revascularization, but unavailable in ~25% of cases
- Cryopreserved saphenous vein grafts thought to have poor primary patency, however role for limb salvage less explored
- Purpose of this study is to examine patency and amputation-free survival of cryopreserved saphenous vein bypass grafts for patients with chronic limb threatening ischemia



# Patient Characteristics

<i>Covariates</i>	<i>Value</i>
Patients, n	23
Male Sex, n (%)	12 (52.2)
Mean Age	69.5
<b>Comorbidities</b>	
Hypertension, n (%)	23 (100)
CAD, n (%)	19 (82.6)
Diabetes, n (%)	15 (65.2)
Smoking History, n (%)	21 (91.3)



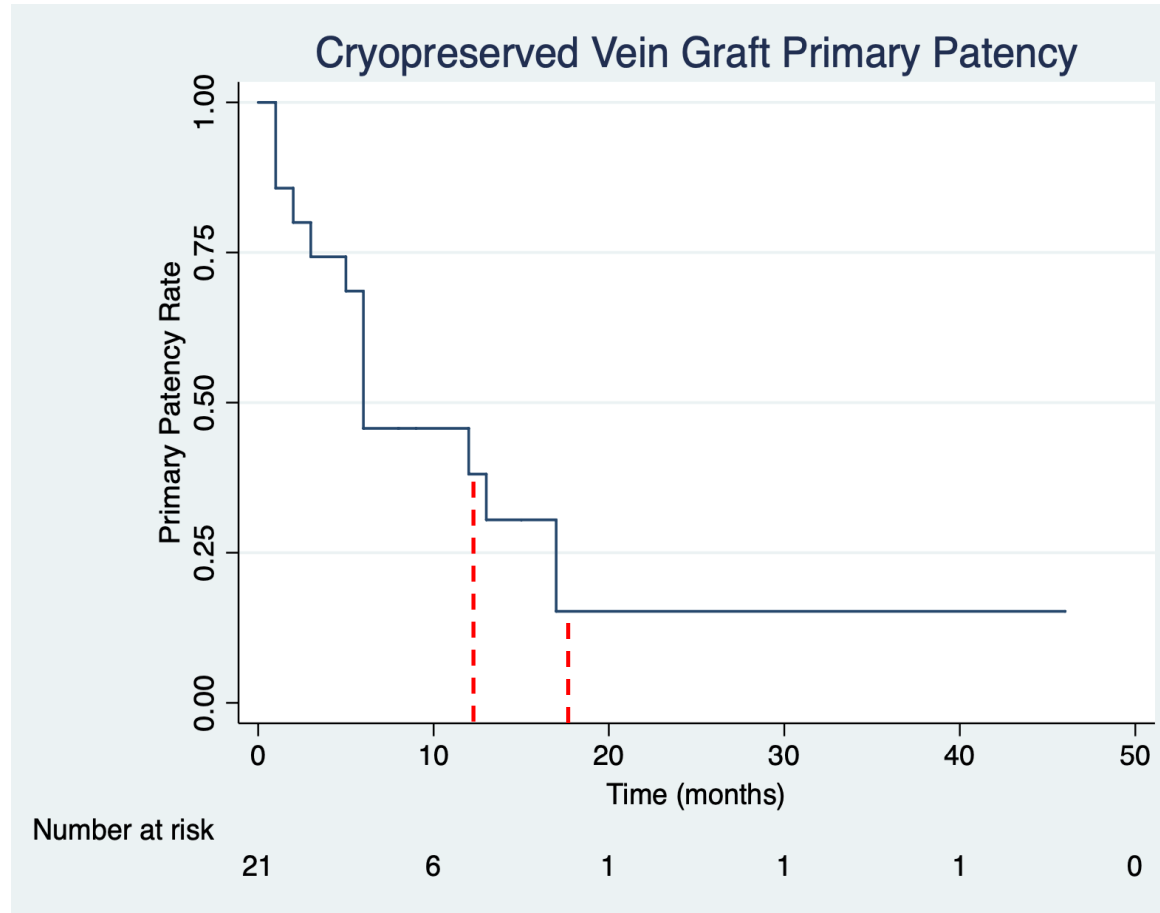


# Technical Outcomes

<i>Perioperative Complications</i>	<i>Value</i>
30-day graft thrombosis, n (%)	4 (16)
Major adverse cardiac event, n (%)	2 (8)
Amputation, n (%)	1 (4)
Infection/PSA, n (%)	0 (0)
30-day mortality, n (%)	0 (0)



# Primary Patency



# Significance

- Lower extremity bypass grafts with cryopreserved vein conduit have limited primary patency, but considerable potential for limb salvage
- Use of cryopreserved conduit has high technical cost, often leading to negative total operating margins
- Surgeons should consider use of cryopreserved saphenous vein conduit for limb salvage in cases of chronic limb threatening ischemia without autologous vein option





# Moderator Question

“Do you have insights on impact of CLTI Rutherford Class on amputation-free survival following cryopreserved vein graft placement”

