



First time release of 1 year results of MagicTouch PTA XTOSI trial for SFA and BTK disease

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Disclosure

Speaker name:

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I have the following potential conflicts of interest to report:

- Consulting
- Employment in industry
- Stockholder of a healthcare company
- Owner of a healthcare company
- Other(s) Research Grant from Concept Medical
- I do not have any potential conflict of interest



XTOSI First in man clinical trial:

Clinical use and safety of the Magic Touch – Sirolimus coated PTA balloon catheter in the treatment of infrainguinal peripheral arterial disease



Design: Prospective, premarket, non-randomized, all comers single-arm trial

Clinicaltrials.gov NCT04368091

XTOSI



EFFICACY ENDPOINT

Primary patency at 6 months

Duplex PSVR \leq 2.4



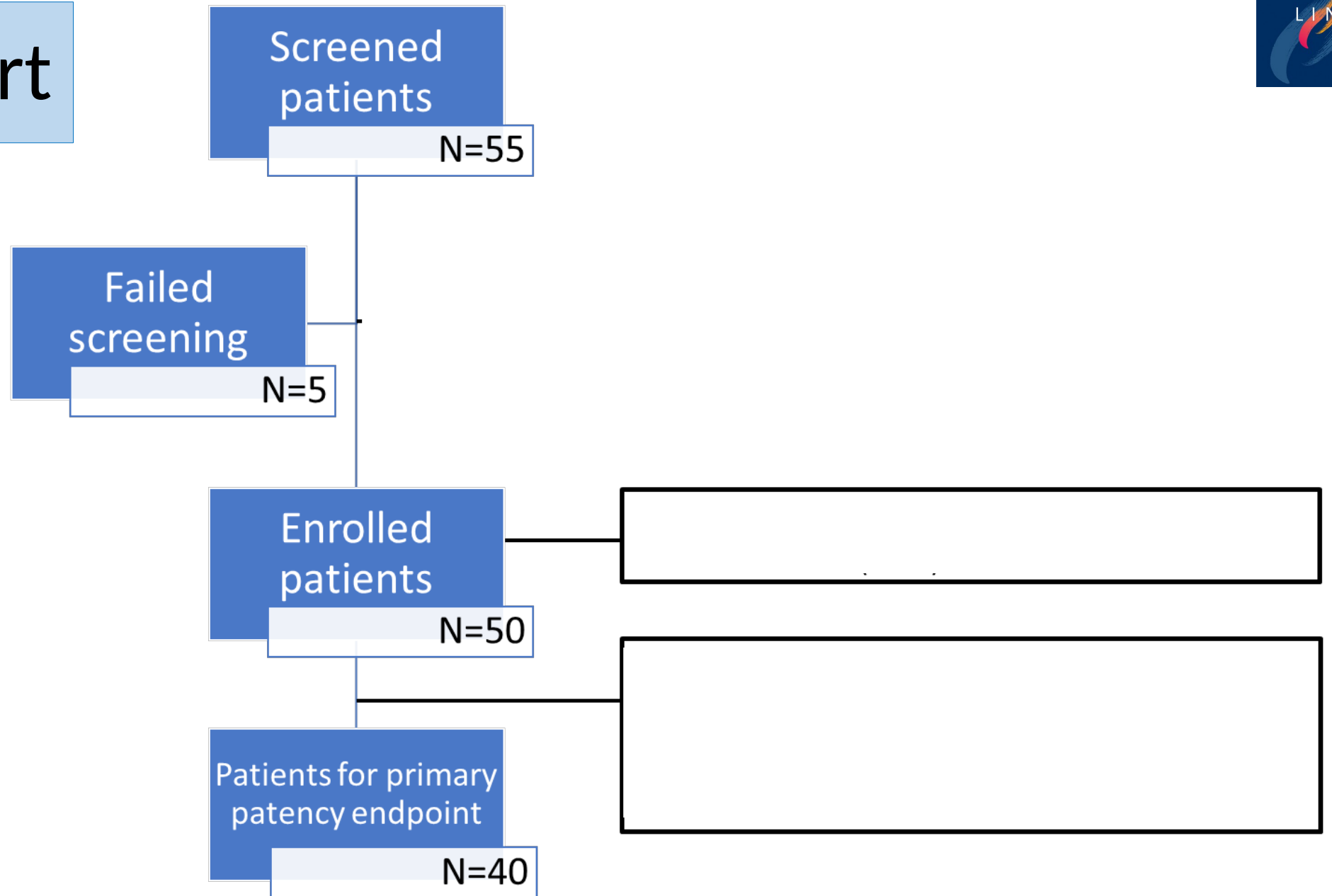
SAFETY ENDPOINT

Composite of freedom from

- 1) 30-day mortality and amputation
- 2) 6 month TLR

N=50

Flow chart



Demographics (High risk with critical limb ischemia)



	N=50		N=50
		ASA Score	
		2	10 (20%)
Age	67 (41-89)	3	39 (78%)
		4	1 (2%)
Male	31 (62%)		
		Rutherford scores	
Diabetes	45 (90%)	3	2 (4%)
Hypertension	41 (82%)	4	1 (2%)
High cholesterol	43 (86%)	5	39 (78%)
Dialysis	10 (20%)	6	8 (16%)
Coronary artery disease	18 (36%)		
Previous stroke	6 (12%)	WIFI scores	N=47 (%)
Smoker (current or prior)	23 (46%)	1 to 3	23 (49%)
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Lesion characteristics (Long hostile lesions)



	N=50	Femoropopliteal N=20	Below the knee N=30
Lesion characteristics			
Total length of lesions	227mm ± 81	277 ± 108	193 ± 22
Stenosis	31 (62%)	10 (50%)	21 (70%)
Occlusion	18 (36%)	9 (45%)	9 (30%)
In stent restenosis	1 (2%)	1 (5%)	0
Procedural details			
Stent use after SCB	4 (8%)	4 (20%)	0
Retrograde access to cross target lesion	13 (26%)	9 (45%)	4 (13%)
Fluoroscopic time (minutes)	28.2 ± 17	33.3 ± 17	24.4 ± 17
Contrast volume (mls)	86.9 ± 49	106.4 ± 33	74.4 ± 54

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Primary Endpoints

	All N=50	Femoropopliteal N=20 (% or range)	Below the knee N=30 (% or range)
6 Month Primary patency	80.0%	88.2%	74.0%
For comparison		RANGER RCT 87.0% LEVANT 2 LUTONIX 90.0%	SINGAPACLI 42.0%
6 month Freedom from MAE	86.3%	89.5%	84%



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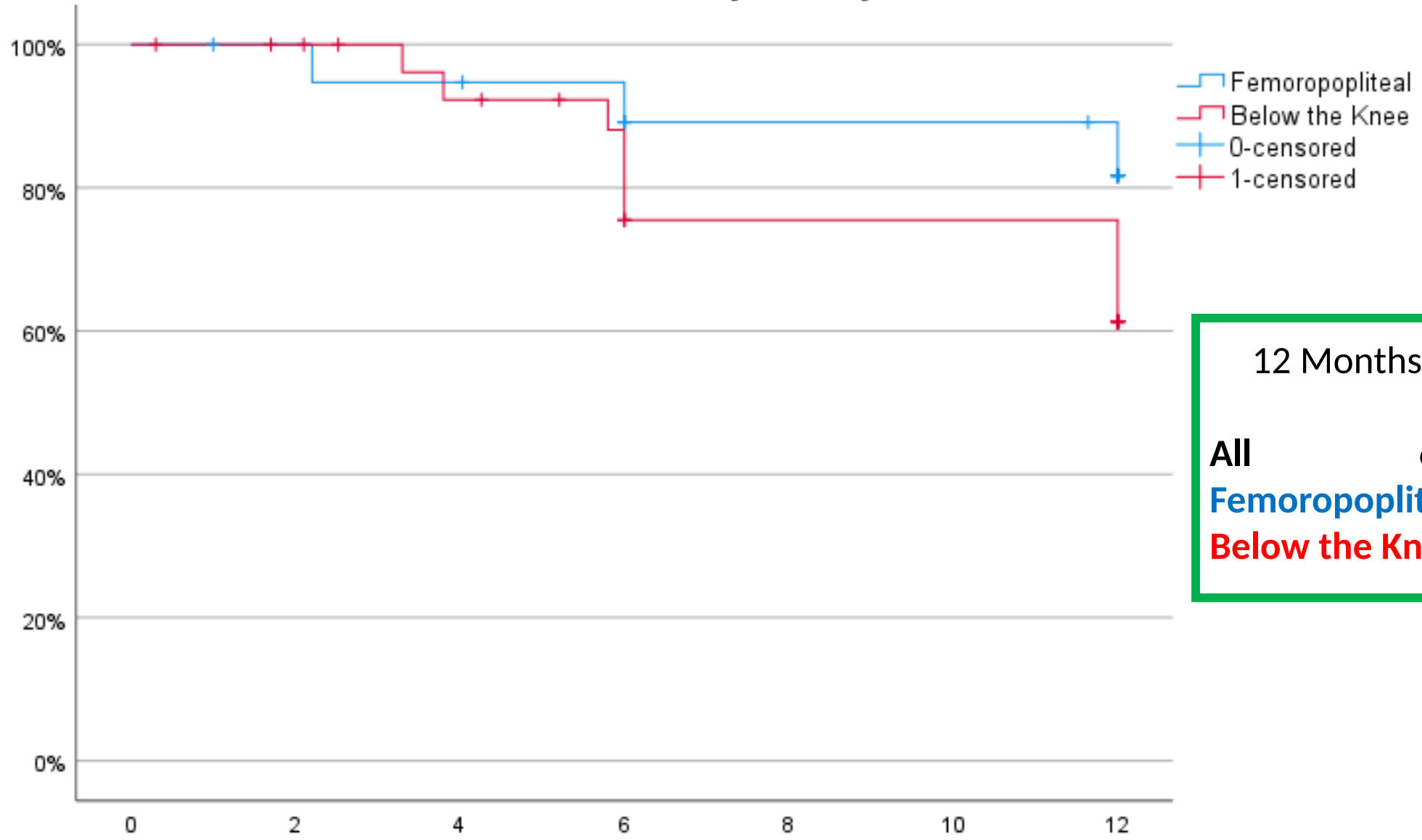
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12 month results

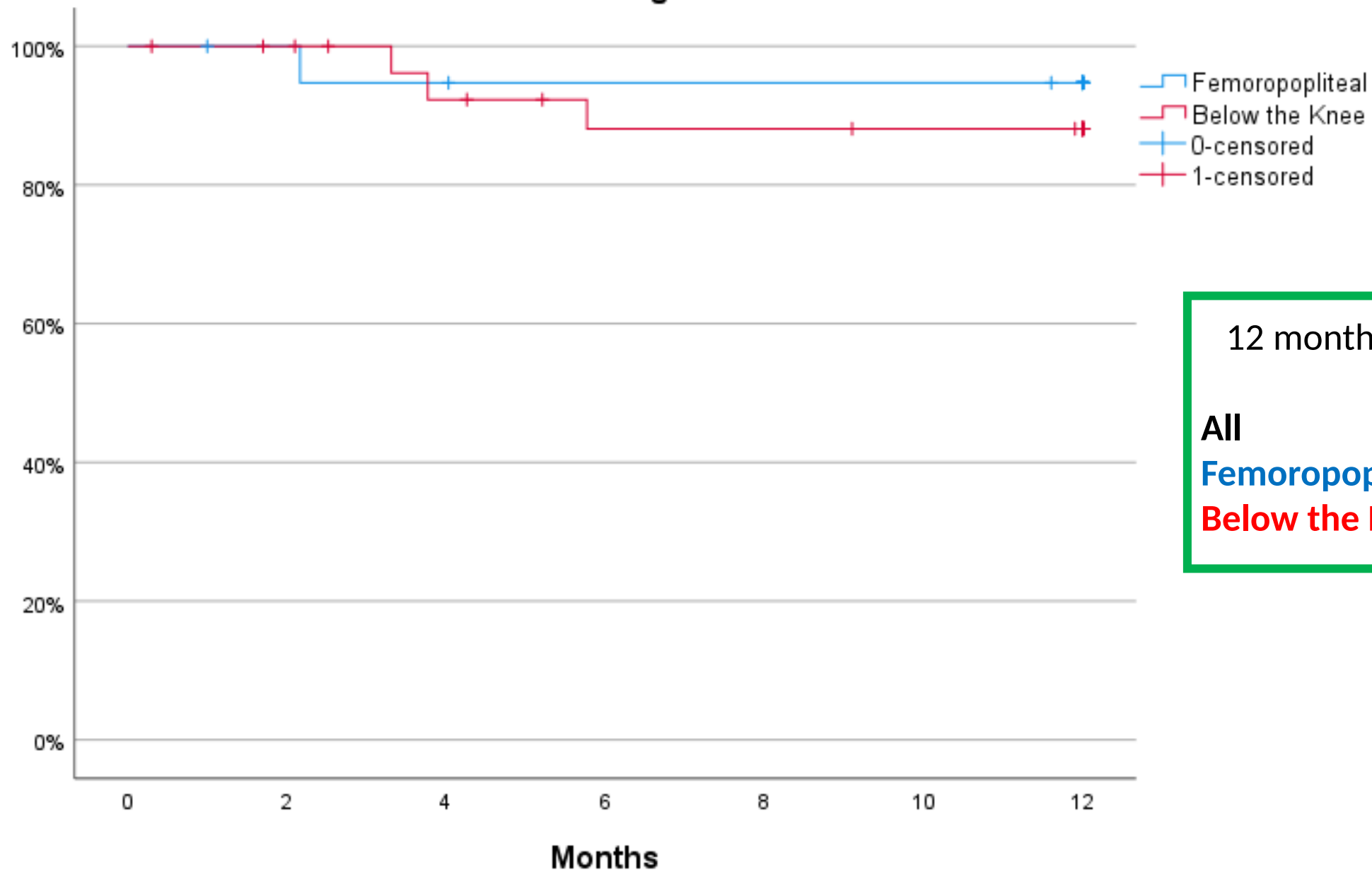
Primary Patency



12 Months Primary Patency	
All	66.7%
Femoropopliteal	78.6%
Below the Knee	59.0%

Months

Freedom from Target Lesion Revascularisation



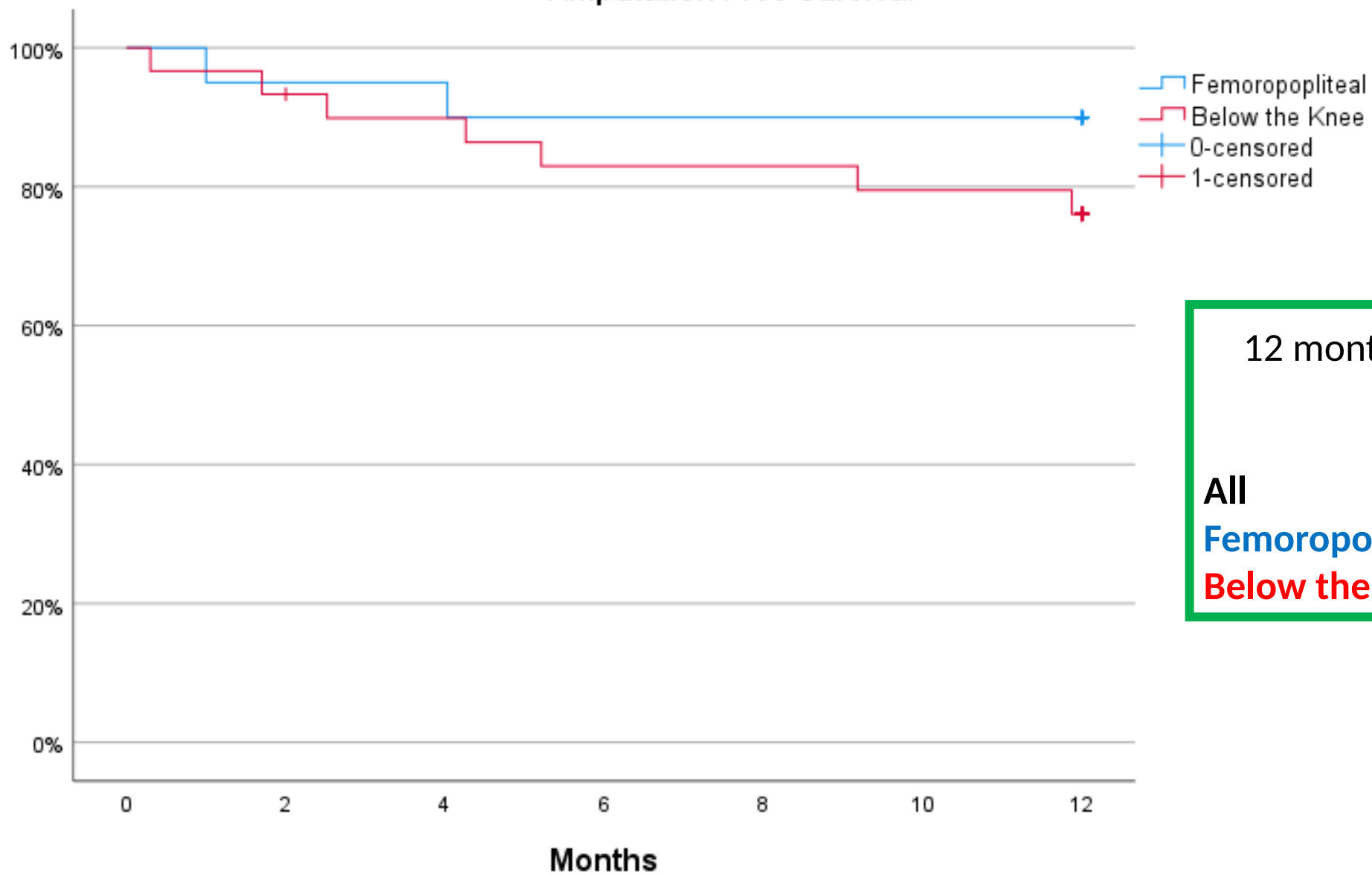
12 months Freedom from TLR

All 89.7%

Femoropopliteal 94.1%

Below the Knee 86.3%

Amputation Free Survival



12 months Amputation Free Survival	
All	81.6%
Femoropopliteal	90.0%
Below the Knee	75.9%

Death and Amputations at 1 year



N=50

Death at 1 year	7(14%)
Ischemic Heart Disease	3 (6%)
Pneumonia	1 (2%)
Stroke	1 (2%)
Unknown (Died elsewhere)	2 (4%)
Amputation at 1 year	3 (6%)

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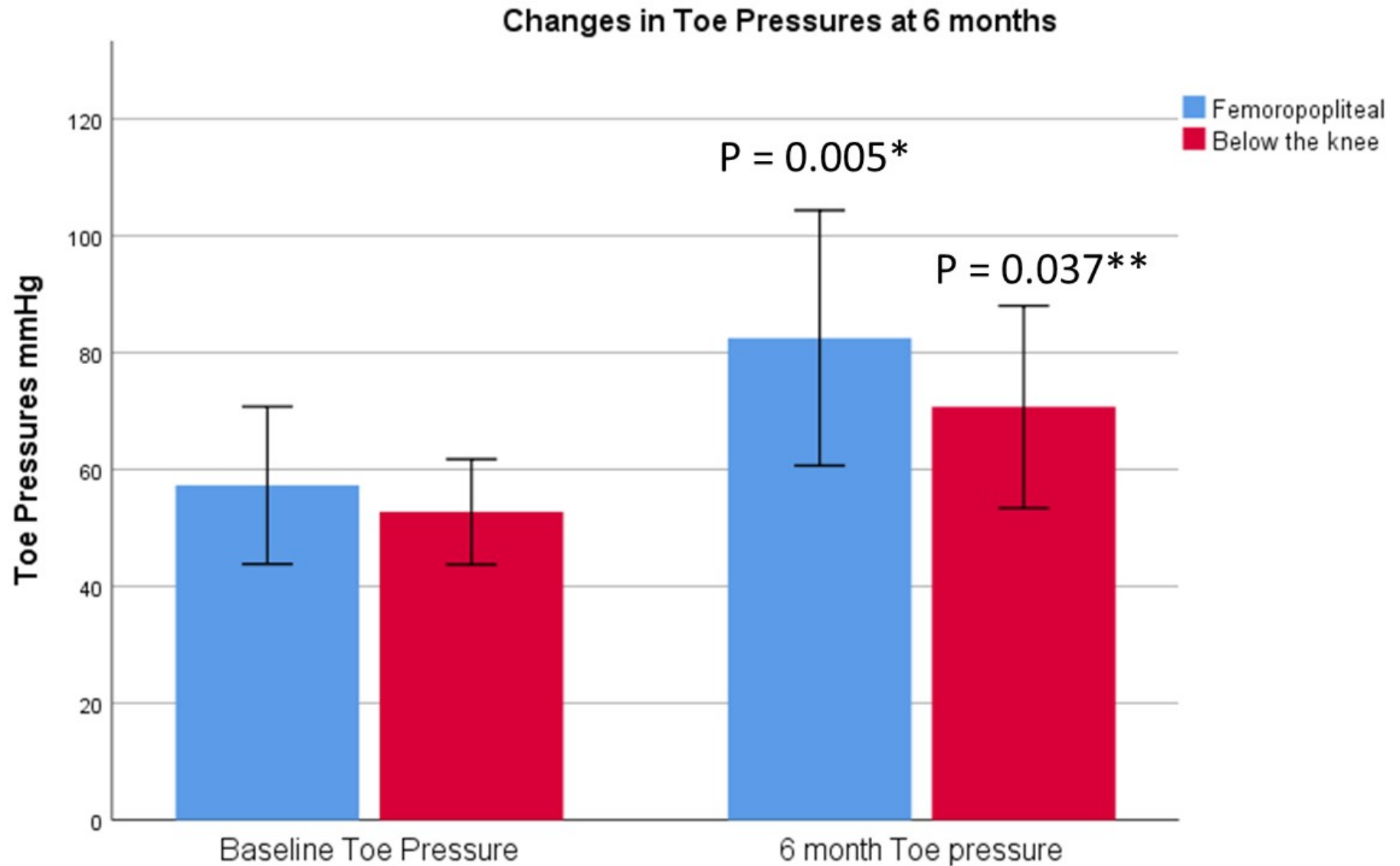
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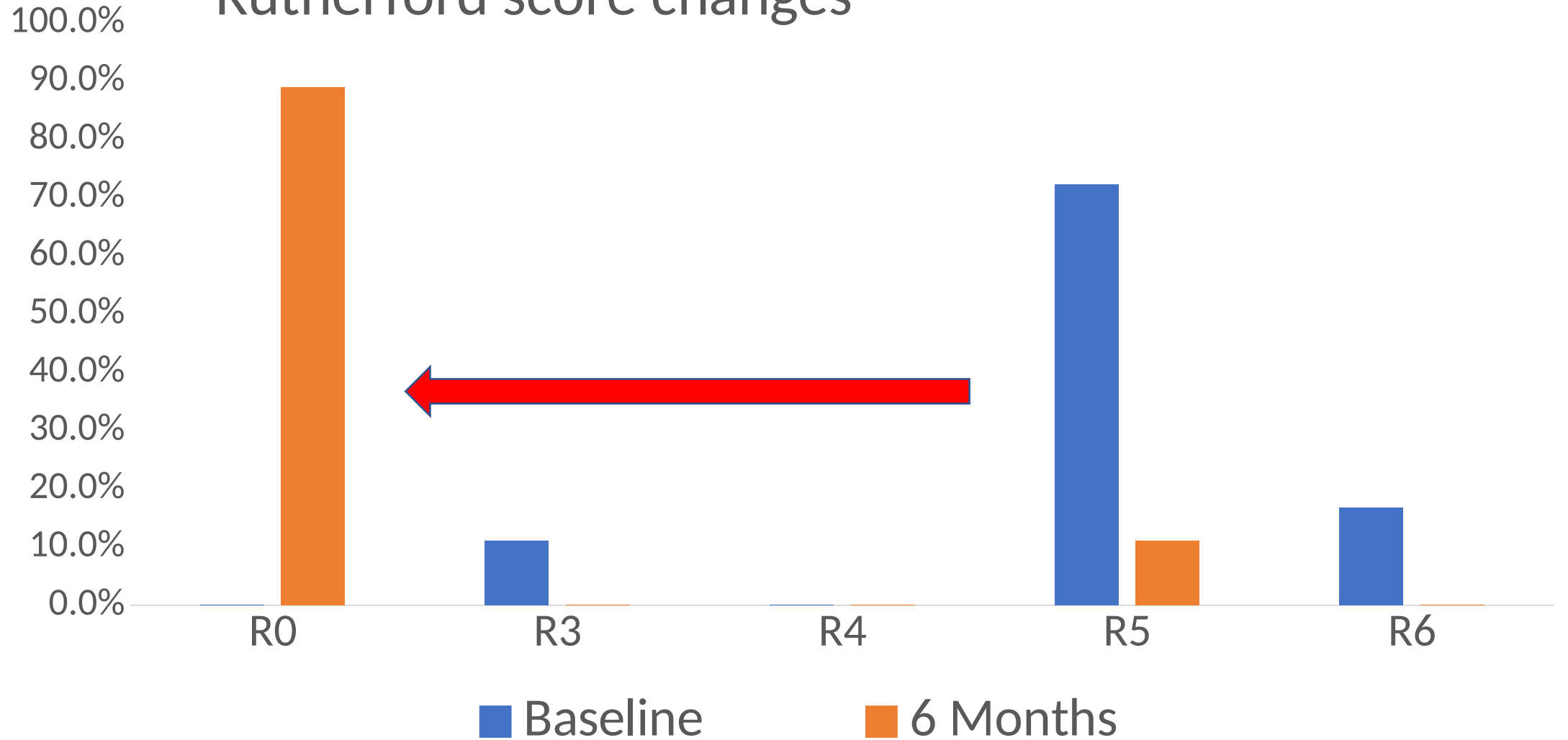
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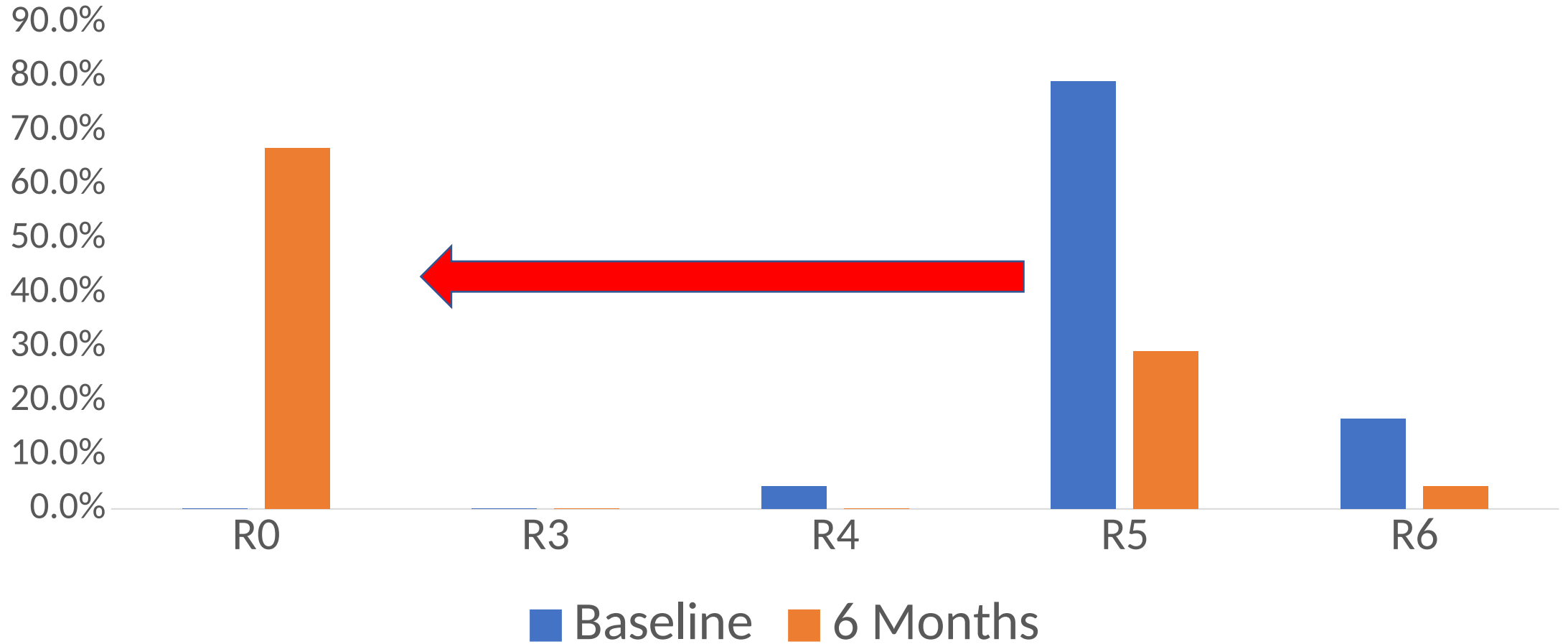
Sustained improvement in toe pressures at 6 months



Femoropopliteal Rutherford score changes



Below the knee Rutherford score changes



Summary



- MagicTouch PTA
 - Promising 6 and 12 month efficacy and safety
 - high risk patient group
 - CLI cohort
 - hostile lesions