

The logo for LING, featuring the word "LING" in white capital letters. The letters are partially overlaid by a stylized graphic of three curved, brush-stroke-like shapes in dark blue, red, and yellow, suggesting a flame or a dynamic motion.

LING

Review of LEVANT 2 Outcomes and Latest Results from the LEVANT Global SFA Registry

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Disclosure

Speaker name:

.....Hiroyoshi Yokoi., M.D.....

I have the following potential conflicts of interest to report:

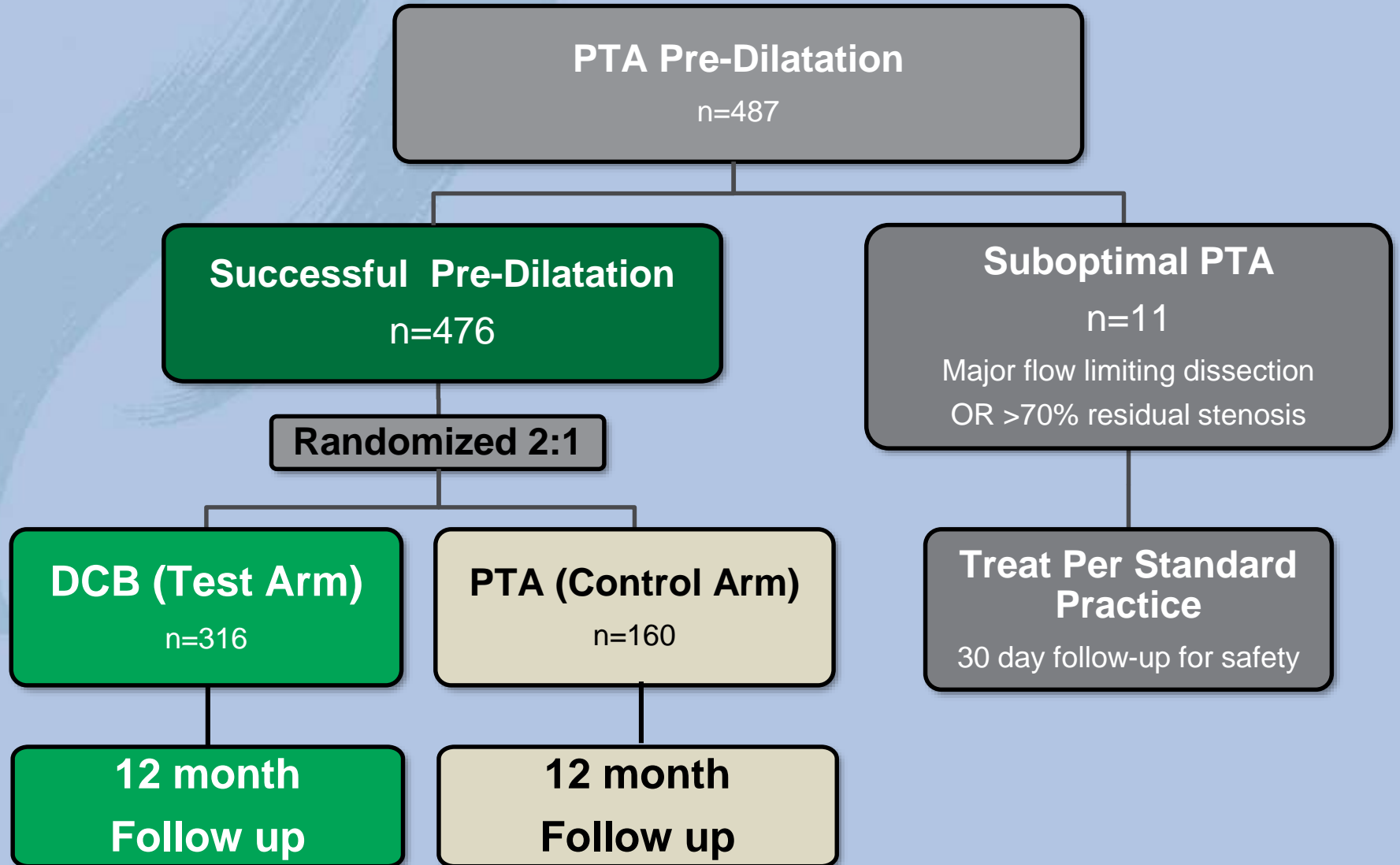
- Consulting
- Employment in industry
- Stockholder of a healthcare company
- Owner of a healthcare company
- Other(s) Cook, Termo, BSJ,

- I do not have any potential conflict of interest

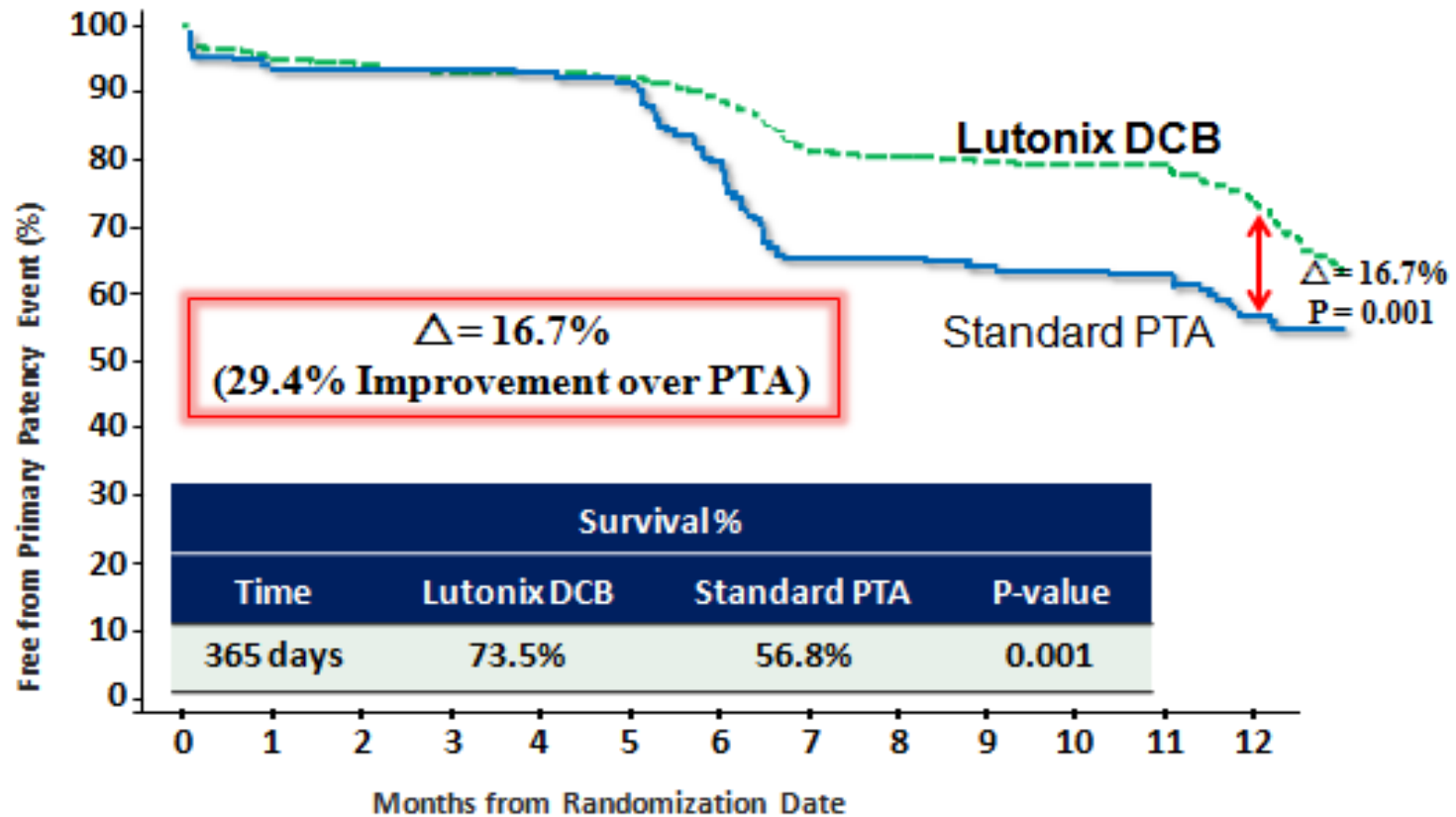
Levant 2 Primary Endpoints

Safety	Efficacy
<p>Freedom from all-cause peri-operative death <u>AND</u> Freedom at 1 YEAR in the index limb from:</p> <ul style="list-style-type: none">• Amputation (above or below the ankle)• Re-intervention• Index-limb-related death	<p>Primary patency of the target lesion at 1 YEAR:</p> <p>Absence of restenosis defined by DUS PSVR ≥ 2.5</p> <p><u>AND</u> Freedom from target lesion revascularization (TLR)</p>

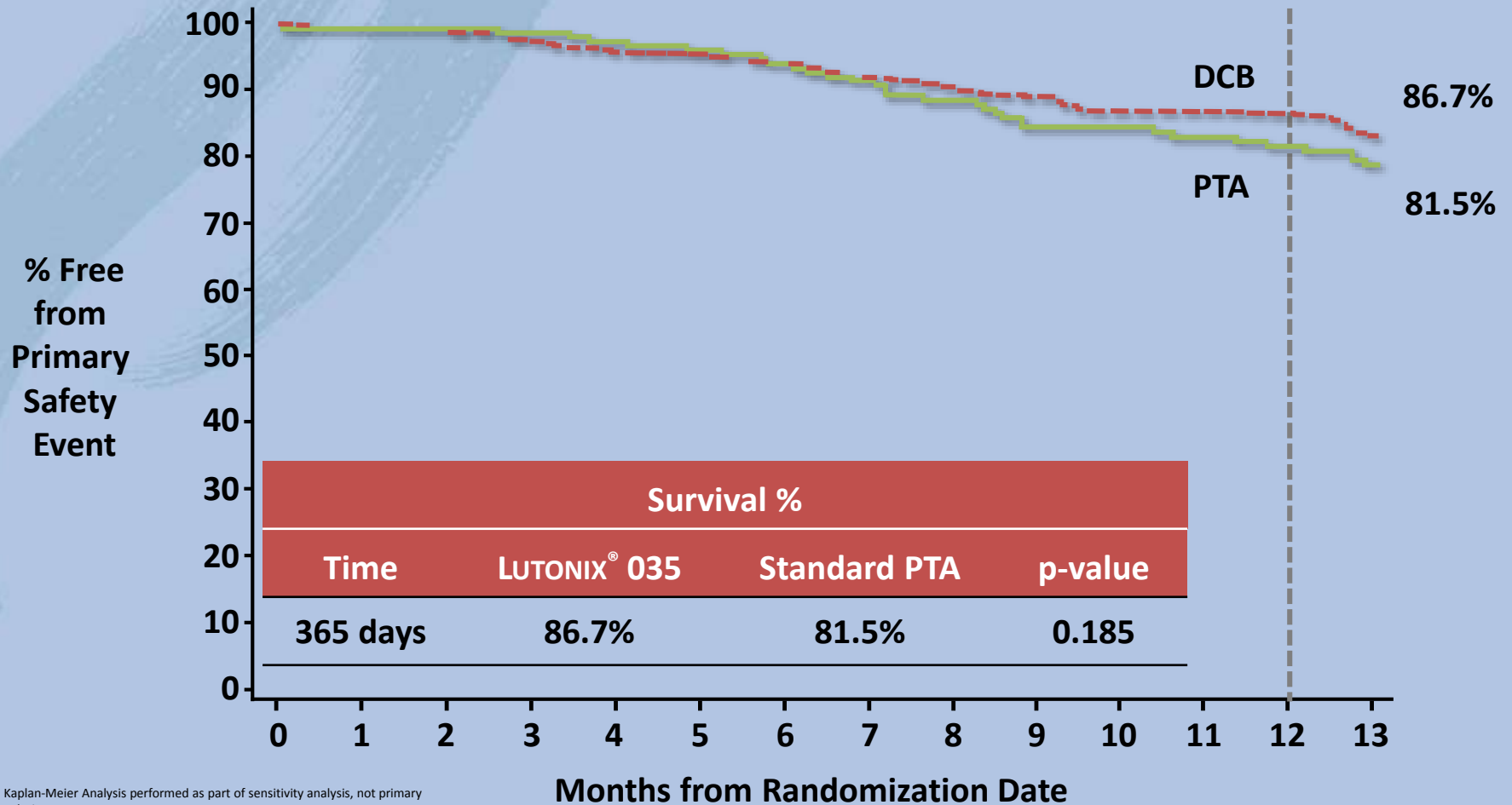
LEVANT 2 Randomized Study Flow



LEVANT 2 Primary Patency



Freedom from Primary Safety Event (KM)



Additional Kaplan-Meier Analysis performed as part of sensitivity analysis, not primary endpoint analysis

LUTONIX[®] DCB Global SFA Registry Study

LUTONIX[®] DCB Global SFA Registry Study Synopsis

OBJECTIVE	To demonstrate safety and assess the clinical use and outcomes of the LUTONIX [®] Drug Coated PTA Dilatation Catheter in a heterogeneous patient population in real world clinical practice.
STUDY DESIGN	Prospective, Global Multicenter, Single Arm Registry
STUDY DEVICE	LUTONIX [®] 035 Drug Coated PTA Dilatation Catheter
PRIMARY ENDPOINT	<i>Efficacy:</i> Freedom from TLR at 12 months <i>Safety:</i> Freedom at 30 days from TVR, major index limb amputation, and device- and procedure-related death.
NUMBER OF SUBJECTS/SITES	691 subjects 38 global sites/10 countries
FOLLOW-UP	1, 6, 12, & 24 months

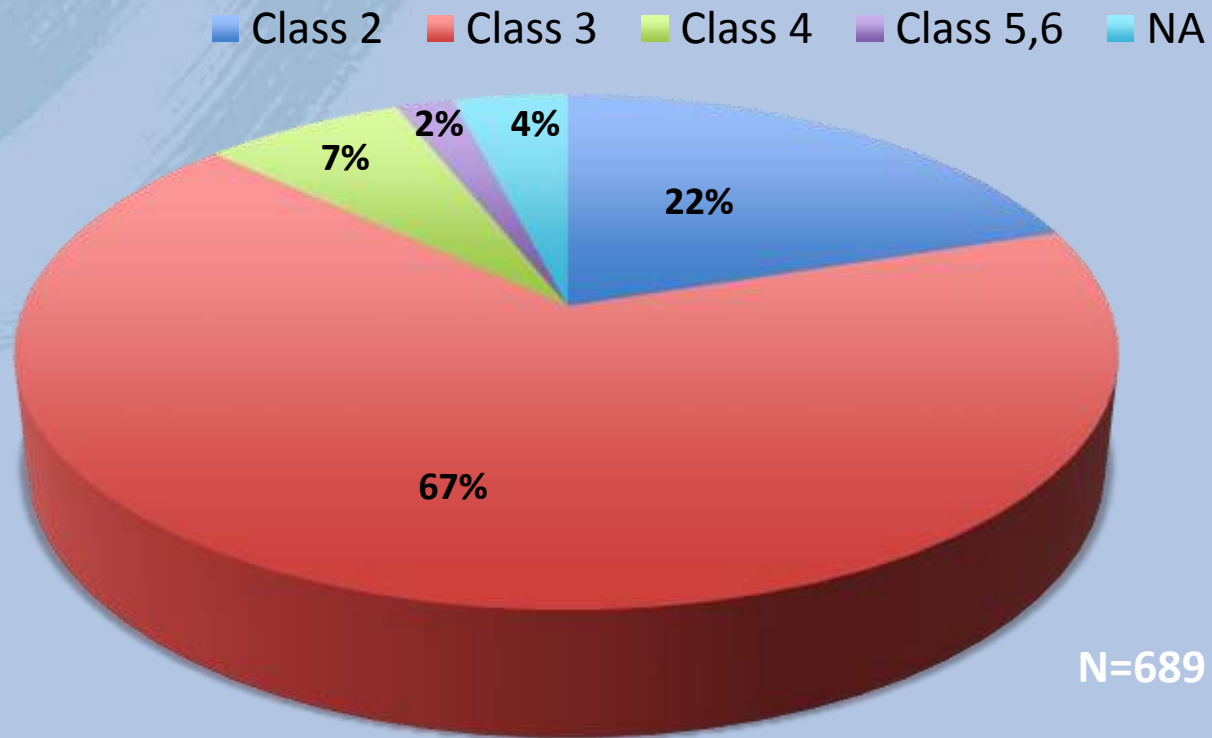
Baseline DCB Demographics

Lutonix Global Real World SFA Registry

	Global SFA Registry (N=691)
Age, Mean \pm SD (n)	68.2 \pm 9.9 (691)
Male gender, % (n/N)	67.9% (469/691)
Obesity	24.7% (164/665)
Current Smoker	36.9% (254/689)
Dyslipidemia	70.0% (484/691)
Diabetes	39.5% (273/691)
Hypertension	84.9% (587/691)

Lutonix Global SFA Real-World Registry

Baseline Rutherford Category

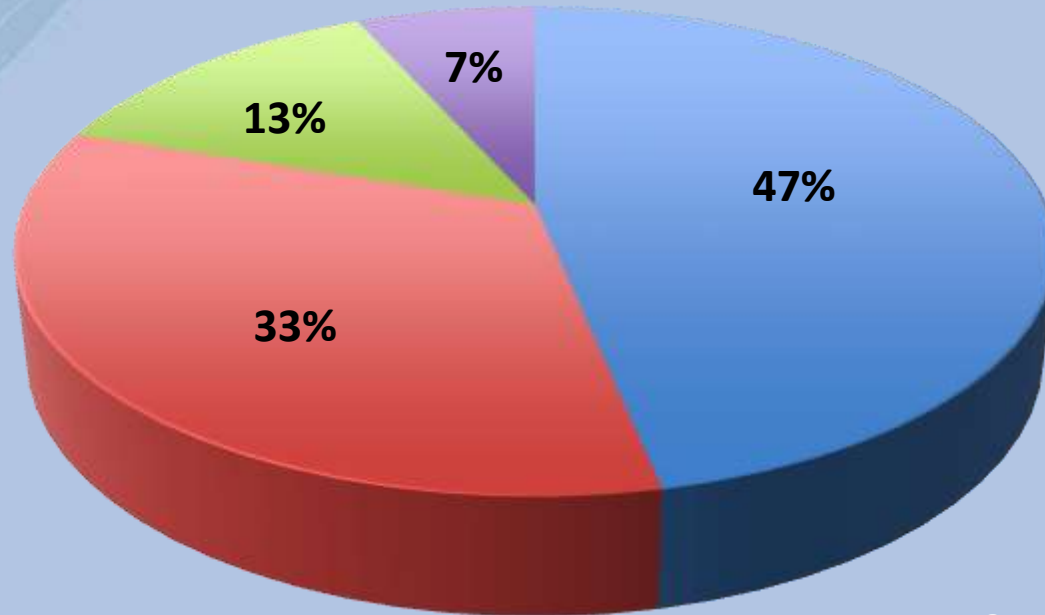


Lutonix Global SFA Real-World Registry

Lesion Characteristics

Lesion Class TASC II

■ Type A ■ Type B ■ Type C ■ Type D



N=494

DCB Angiographic Demographics

Lutonix Global Real World SFA Registry

	Global SFA Registry (N=691)
Two or more lesions treated	15.6% (108/691)
Total Lesion Length (mm)	101.2 ± 84.2 (685)
Treated Length (mm)	136.6 ± 89.7 (689)
Calcification	50.2% (238/474)*
Chronic Total Occlusion	31.2% (214/686)
Lesion Locations	
SFA	70.0% (483/690)
Proximal Popliteal	16.8% (116/690)
Mid & Distal Popliteal	13.1% (91/690)
Final %Diameter Stenosis	14.6 ± 18.6 (680)
Bail-out Stenting	25.2% (174/690)
Dissection	18.4% (127/690)

* Data not initially collected. Data collected after approximately 200 patients enrolled.

Lutonix Global SFA Real-World Registry

30-Day Safety

	% (n/N)
30-Day Safety ¹	99.4% (681/685)

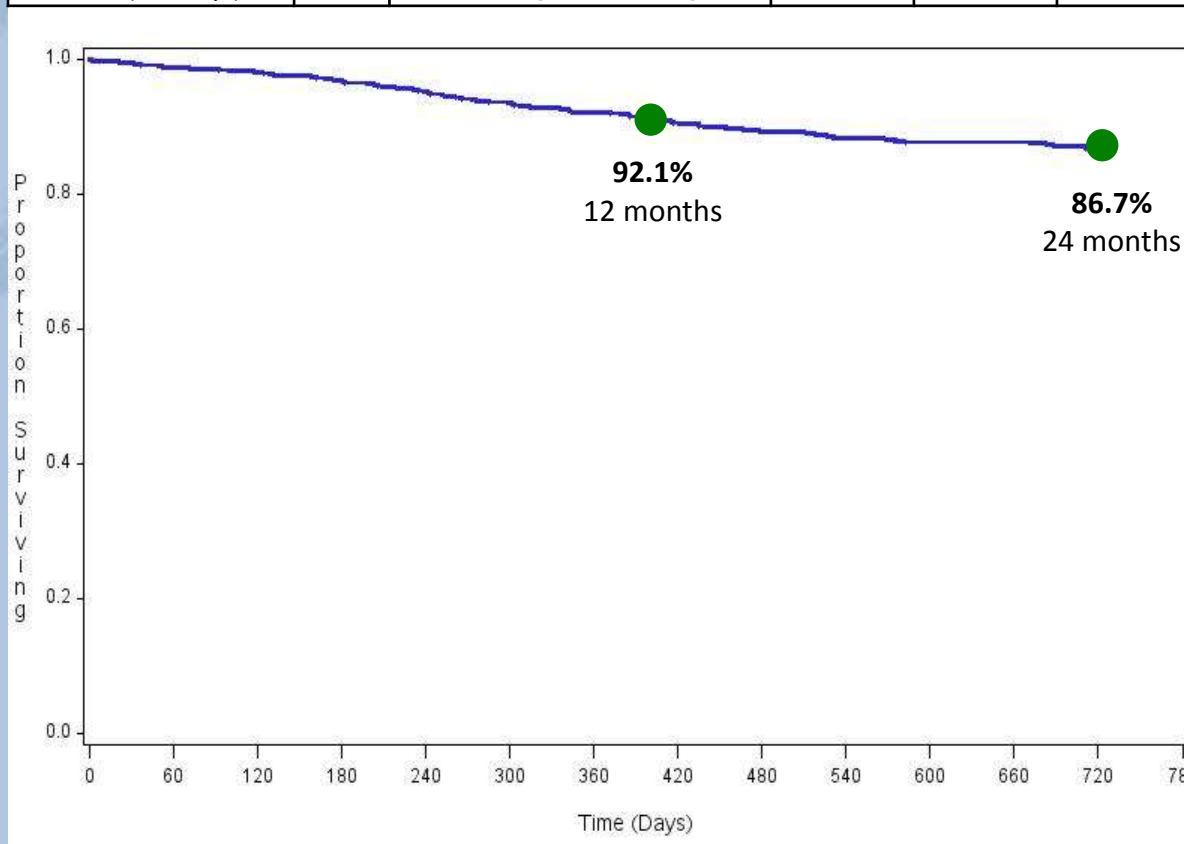
¹ Freedom at 30 days from TVR, major index limb amputation, and device and procedure-related death.

All SAEs adjudicated. Study monitored.

Lutonix Global SFA Real-World Registry

Primary Safety Endpoint

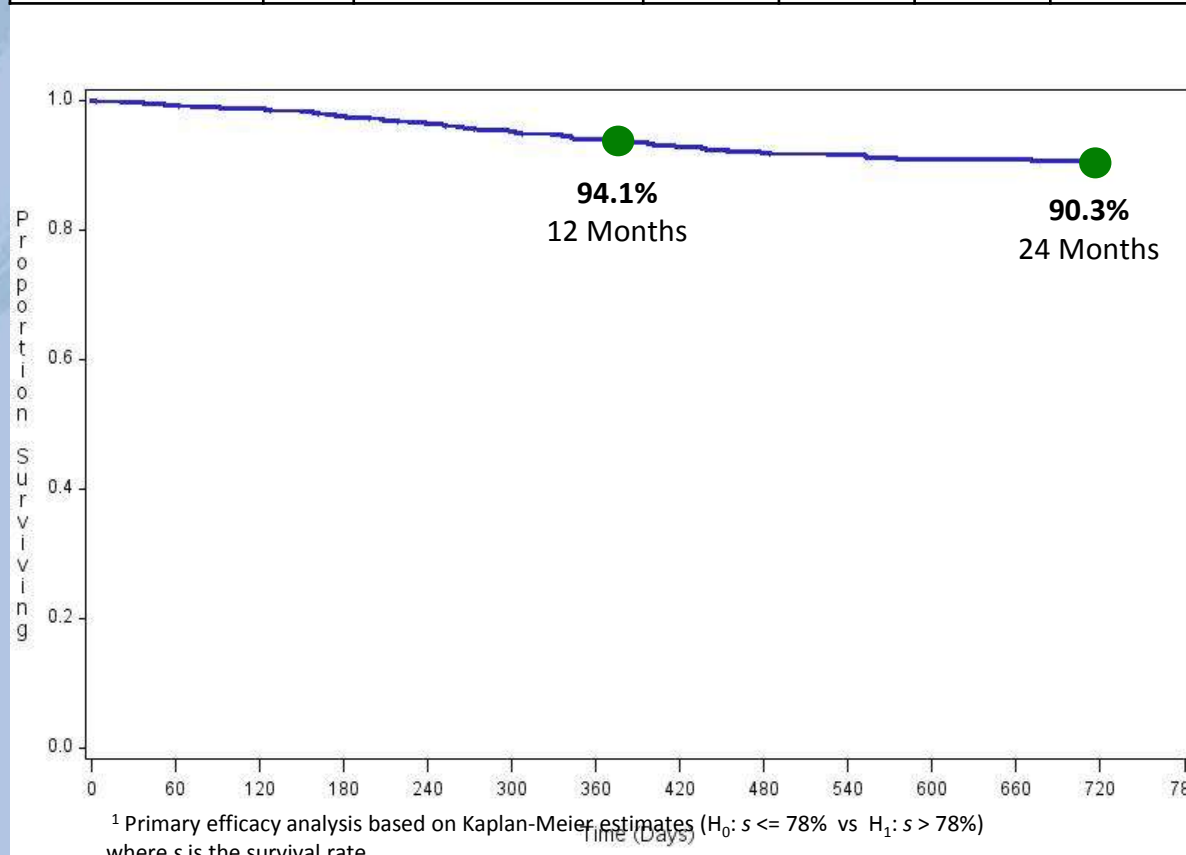
Time	N	Survival % [95% CI]	Subjects with Events	Subjects Censored	Subjects at Risk
Month 12 (365 Days)	616	92.1% [89.8%, 93.9%]	53	31	605
Month 24 (730 Days)	508	86.7% [83.9%, 89.1%]	86	306	297



Lutonix Global SFA Real-World Registry

TLR Free Survival

Time	N	Survival % [95% CI]	P-value ¹	Subjects with Events	Subjects Censored	Subjects at Risk
Month 12 (365 Days)	628	94.1% [92.0%, 95.6%]	<.001	40	34	617
Month 24 (730 Days)	527	90.3% [87.7%, 92.3%]		63	318	310



Lutonix Global SFA Real-World Registry

24 Month Secondary Endpoints

All Cause Death, % (n/N)	5.9% (36/615)
Major Index Limb Amputation, % (n/N)	0.9% (5/582)
Minor Index Limb Amputation, % (n/N)	0.7% (4/580)
Reintervention for Treatment of Embolization to the Distal Vasculature, % (n/N)	0.7% (4/580)
Reintervention for treatment of thrombosis of the target vessel, % (n/N)	2.7% (16/583)

Lutonix Global SFA Real-World Registry

24 Month Sub-group Analysis

Sub-group	Freedom from TLR % (n/N)
Calcification	88.3% (174/197)
Chronic Total Occlusion	89.5% (162/181)
Diabetics	91.0% (141/155)

All SAEs adjudicated. Study monitored.



LUTONIX Global SFA
Real-World Registry
ISR Sub-group Analysis

All Subjects vs. ISR

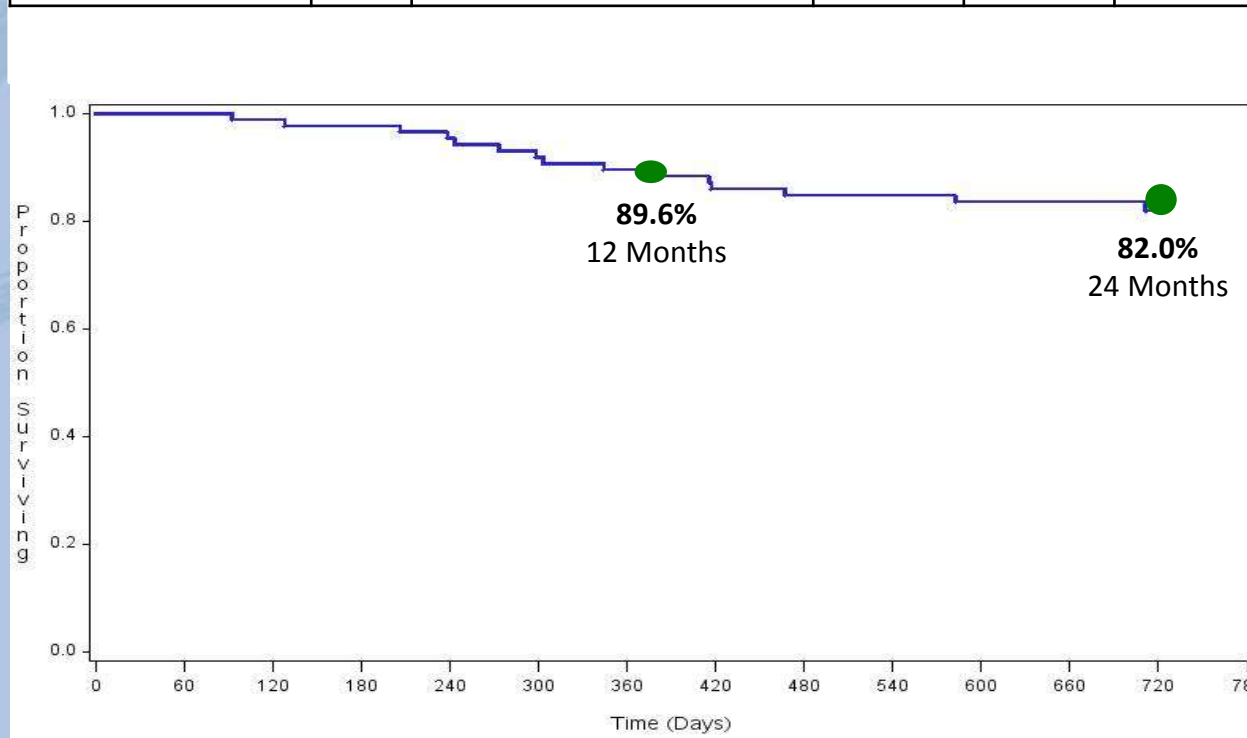
Baseline Lesion Characteristics

	All Subjects (23 – 500 mm)	ISR
Total Lesion Length (mm)	101.2 ± 84.2 (685)	154.4 ± 97.1 (89)
Treated Length (mm)	136.6 ± 89.7 (689)	182.1 ± 90.5 (89)
Calcification, % (n/N)	50.2% (238/474)	37.7% (26/69)
Chronic Total Occlusion, % (n/N)	31.2% (214/686)	28.1% (25/89)
Lesion Locations, % (n/N)		
SFA, % (n/N)	70.0% (483/690)	70.8% (63/89)
Proximal Popliteal, % (n/N)	16.8% (116/690)	18.0% (16/89)
Mid & Distal Popliteal, % (n/N)	13.1% (91/690)	11.2% (10/89)
Final % Diameter Stenosis, %	14.6 ± 18.6 (680)	13.2 ± 17.65 (89)
Bail-out Stenting, % (n/N)	25.2% (174/690)	33.7% (30/89)
Dissection, % (n/N)	18.4% (127/690)	13.5% (12/89)

Lutonix Global SFA Real-World Registry

ISR - Primary Safety Endpoint

Time	N	Survival ² % [95% CI]	Subjects with Events	Subjects Censored	Subjects at Risk
Month 12 (365 Days)	78	89.6% [80.9%, 94.4%]	9	4	76
Month 24 (730 Days)	67	82.0% [71.8%, 88.8%]	15	33	41



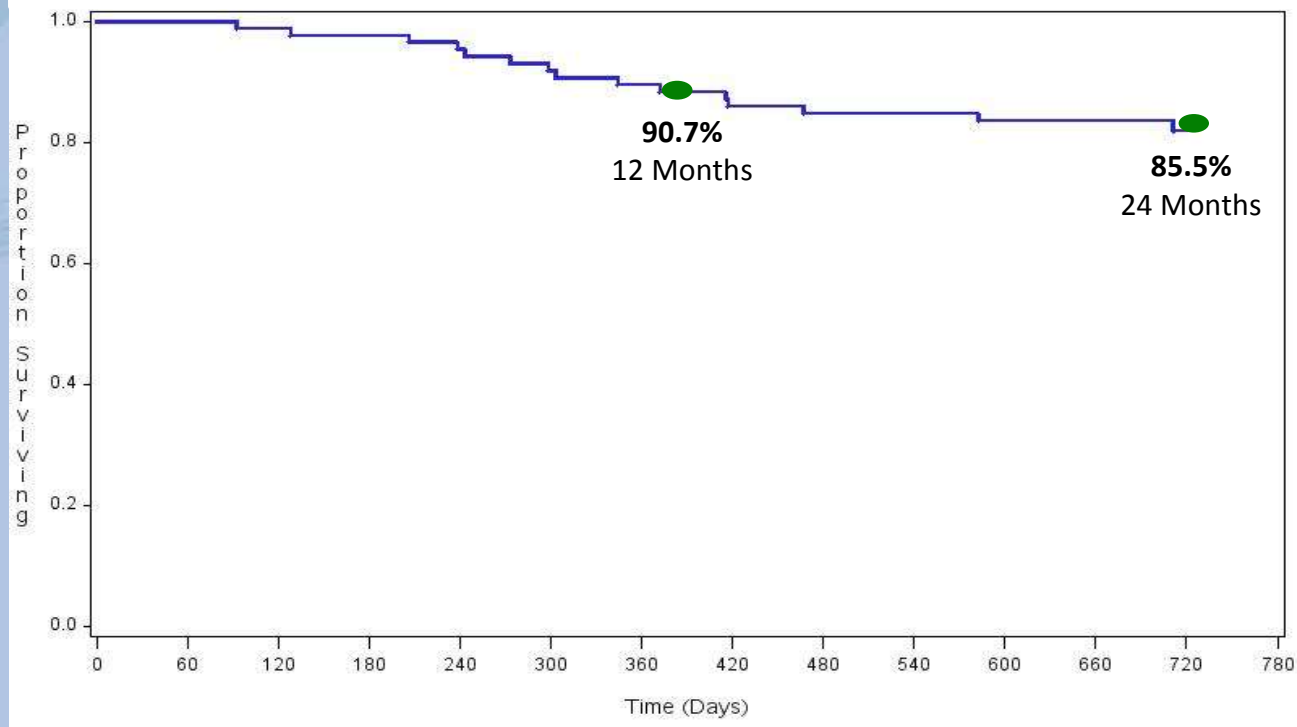
¹ Additional key safety analysis based on Kaplan-Meier estimates

Note: Primary safety event is device- or procedure related death, TVR, or major amputation within 30 days.


Lutonix Global SFA Real-World Registry

ISR - TLR Free Survival

Time	N	Survival % [95% CI]	P-value ¹	Subjects with Events	Subjects Censored	Subjects at Risk
Month 12 (365 Days)	79	90.7% [82.3%, 95.3%]	<.001	8	4	77
Month 24 (730 Days)	70	85.5% [75.7%, 91.5%]		12	34	43



¹ Primary efficacy analysis based on Kaplan-Meier estimates ($H_0: s \leq 78\%$ vs $H_1: s > 78\%$) where s is the survival rate

A decorative graphic consisting of several overlapping, curved brushstrokes in shades of light blue and teal, located on the left side of the slide.

LUTONIX Global SFA
Real-World Registry
Long Lesions Sub-group Analysis
(140–500mm)

All Lesions vs. Long Lesions (140–500mm)

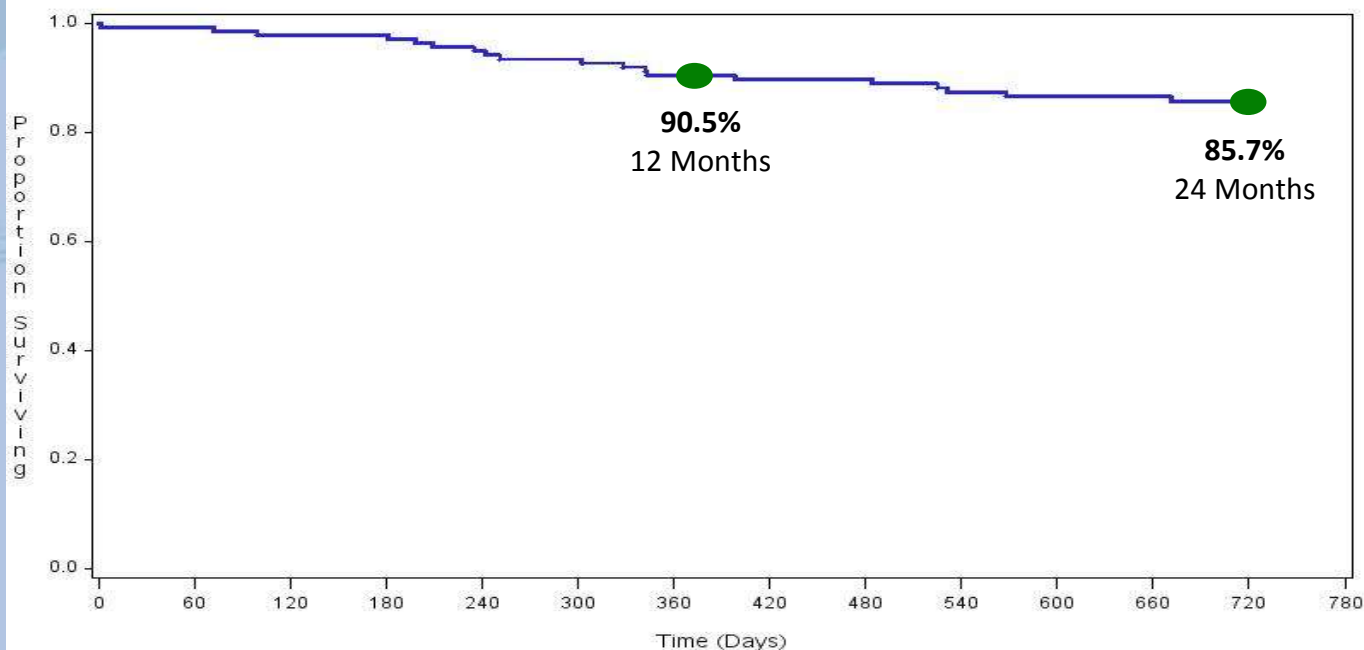
Baseline Lesion Characteristics

	All Lesions (23 – 500 mm)	Long Lesions (140 – 500 mm)
Total Lesion Length (mm)	101.2 ± 84.2 (685)	212.3 ± 65.3 (140)
Treated Length (mm)	136.6 ± 89.7 (689)	242.5 ± 83.3 (140)
Calcification, % (n/N)	50.2% (238/474)	57.5% (46/80)
Chronic Total Occlusion, % (n/N)	31.2% (214/686)	42.1% (59/140)
Lesion Locations, % (n/N)		
SFA, % (n/N)	70.0% (483/690)	66.5% (93/140)
Proximal Popliteal, % (n/N)	16.8% (116/690)	15.7% (22/140)
Mid & Distal Popliteal, % (n/N)	13.1% (91/690)	17.9% (25/140)
Final % Diameter Stenosis, %	14.6 ± 18.6 (680)	19.0 ± 21.0 (140)
Bail-out Stenting, % (n/N)	25.2% (174/690)	35.7% (50/140)
Dissection, % (n/N)	18.4% (127/690)	34.3% (48/140)

Lutonix Global SFA Real-World Registry

Long Lesion - Primary Safety Endpoint

Time	N	Survival ² % [95% CI]	Subjects with Events	Subjects Censored	Subjects at Risk
Month 12 (365 Days)	124	90.5% [84.1%, 94.4%]	13	6	121
Month 24 (730 Days)	101	85.7% [78.5%, 90.7%]	19	71	50



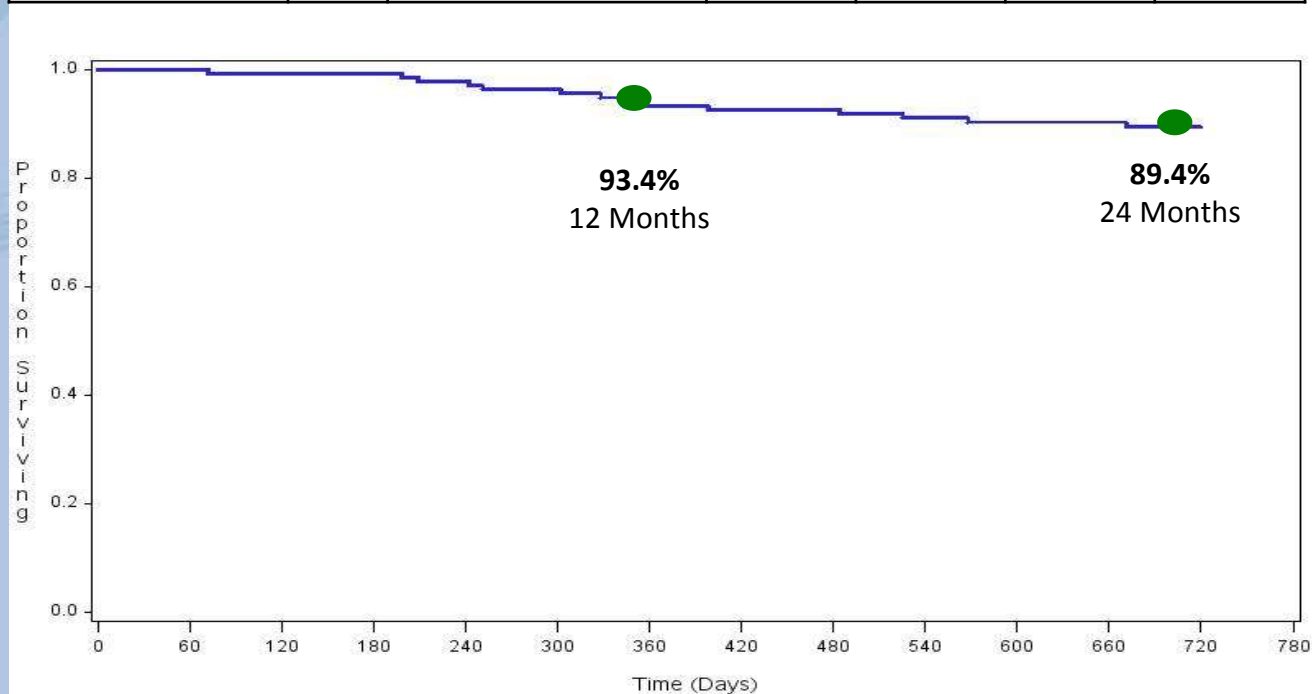
¹ Additional key safety analysis based on Kaplan-Meier estimates

Note: Primary safety event is device- or procedure related death, TVR, or major amputation within 30 days.

Lutonix Global SFA Real-World Registry

Long Lesion - TLR Free Survival

Time	N	Survival % [95% CI]	P-value ¹	Subjects with Events	Subjects Censored	Subjects at Risk
Month 12 (365 Days)	128	93.4% [87.7%, 96.5%]	<.001	9	6	125
Month 24 (730 Days)	106	89.4% [82.8%, 93.6%]		14	74	52



¹ Primary efficacy analysis based on Kaplan-Meier estimates ($H_0: s \leq 78\%$ vs $H_1: s > 78\%$) where s is the survival rate

LEVANT Japan Clinical Study Design

Study Objective	Evaluate safety and efficacy of Lutonix Drug Coated PTA Dilatation Catheter for treating femoropopliteal stenosis and/or occluded lesions in Japanese patient population
Study type	Prospective, Japanese Multicenter, Single Blind, Randomized Study
Primary endpoints	<ul style="list-style-type: none">➤ Safety Composite of freedom from all-cause peri-operative (≤ 30 day) death and freedom at 6 months from the following: index limb amputation (above or below the ankle), index limb re-intervention, and index-limb-related death.➤ Efficacy Primary Patency of the target lesion at 6 months. <Primary Patency is defined as the absence of target lesion restenosis (defined by DUS peak systolic velocity ratio (PSVR) > 2.5) and freedom from target lesion revascularization (TLR).
# of subjects	# of randomized patients : 109 DCB 71 : PTA 38 (2:1)
Core lab	DUS : VasCore Angiographic : Synvacor PK : BASi

Summary

- LUTONIX LEVANT 2 demonstrated superior patency for DCB vs. PTA
- LUTONIX LEVANT 2 demonstrated non-inferior safety DCB vs. PTA
- LUTONIX Global SFA Registry demonstrated durable benefits at 24 months and re-enforced the safety for the LUTONIX[®] 035 DCB in real-world patients
- LUTONIX Global SFA Registry showed favorable and sustainable Freedom from TLR at 24 months, in complex lesions (calcified, CTOs) and Diabetics
- LUTONIX Global SFA Registry showed the LUTONIX[®] 035 DCB is effective and sustainable at 24 months in ISR and long lesions (>140mm)

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