

Supplementary

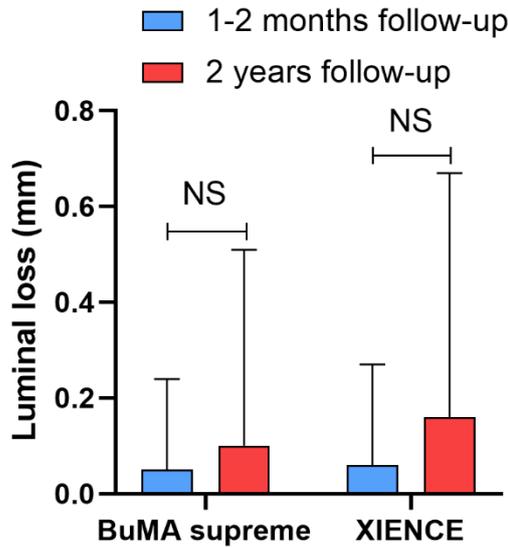


Figure S1. Luminal loss in the BuMA Supreme and XIENCE stent groups at 1–2 months (early) and 2 years (late) follow-up, respectively.

Table S1. Quantitative Coronary Angiography (QCA) Analysis of Lesions Before (PRE) and After (POST) Stenting

	BuMA Supreme, N=24, L=26	XIENCE, N=20, L=24	Overall, N=44, L=50	p value
PRE				
Target lesion				
LAD	11(40.74)	10 (43.48)	21 (42.00)	0.684
LCX	5(18.52)	2 (8.70)	7 (14.00)	
RCA	11(40.74)	11 (47.83)	22 (44.00)	
Reference diameter (mm)	3.17±0.38	3.15±0.42	3.16±0.40	0.848
Lesion length (mm)	25.33±8.10	24.48±9.97	24.94±8.92	0.739
Diameter stenosis (%)	83.56±6.97	87.13±8.16	85.20±7.68	0.101
POST				
Stent length (mm)	25.00±6.73	23.30±7.49	24.23±7.07	0.358
Stent diameter (mm)	3.27±0.36	3.12±0.41	3.20±0.39	0.130
Diameter stenosis (%)	0.56±2.12	0.00±0.00	0.31±1.58	0.226

Values are the mean ± standard deviation, n (%).

Abbreviations: LAD, left anterior descending artery; LCX, left circumflex artery; RCA, right coronary artery.

Table S2. Quantitative Coronary Angiography (QCA) Analysis of Lesions at Follow Up

	BuMA Supreme, N=24, L=26	XIENCE, N=20, L=24	Overall, N=44, L=50	p value
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1–2 months follow-up				
In-stent stenosis diameter (%)	11.14±6.40	10.67±5.30	10.91±5.83	0.780
In-segment stenosis diameter (%)	17.64±7.84	16.48±8.13	17.07±7.92	0.613
Minimal diameter in-stent (mm)	2.63±0.44	2.56±0.38	2.59±0.41	0.567
Minimal diameter in-segment (mm)	2.35±0.45	2.30±0.43	2.33±0.44	0.748
Early luminal loss (mm)	0.05±0.19	0.06±0.21	0.06±0.20	0.849
In-stent restenosis (%)	0(0.00)	0(0.00)	0(0.00)	NA
In-segment restenosis (%)	0(0.00)	0(0.00)	0(0.00)	NA
2-year follow-up				
In-stent stenosis diameter (%)	12.16±11.03	10.58±12.13	11.40±11.48	0.632
In-segment stenosis diameter (%)	15.62±10.14	17.13±13.74	16.34±11.90	0.658
Minimal diameter in-stent (mm)	2.58±0.45	2.49±0.53	2.54±0.49	0.484
Minimal diameter in-segment (mm)	2.38±0.44	2.20±0.48	2.29±0.46	0.163
Late luminal loss (mm)	0.10±0.41	0.16±0.51	0.13±0.46	0.613
In-stent restenosis (%)	0(0.00)	1(4.17)	1(2.00)	0.480
In-segment restenosis (%)	0(0.00)	1(4.17)	1(2.00)	0.480

Values are the mean ± standard deviation, n (%).

In-segment restenosis or in-stent restenosis was defined as >50% diameter stenosis.

Table S3. Imaging and clinical endpoints

	BuMA Supreme, N=24, L=26	XIENCE, N=20, L=24	Overall, N=44, L=50	p value
1–2 months follow up				
Stent-acquired malapposition (%)	0.92±2.01	0.98±1.43	0.94±1.74	0.901
MACEs	0 (0.00)	0 (0.00)	0 (0.00)	NA
2-year follow up				
Stent-acquired malapposition (%)	0.12±0.33	0.05±0.17	0.09±0.27	0.346
MACEs	0 (0.00)	0 (0.00)	0 (0.00)	NA

Values are the mean ± standard deviation, n (%), (%).

Abbreviations: MACEs, Major adverse cardiovascular events.