

**Table S1. Subgroup analysis according to vessel size (<3 mm vs ≥3 mm)**

Variable	Small arteries (n=257)	Large arteries (n=59)	p-value
<b>DCB used</b>			
Selution SLR™	117 (45.5)	24 (48.9)	-
Pantera Lux®	140 (54.5)	35 (59.3)	-
DCB diameter	2.0 [2.0-2.5]	3.0 [3.0-3.5]	-
<b>Vessel/Segment</b>			
LAD artery n, (%)	110 (42.8)	31 (52.5)	0.225
LCx artery n, (%)	87 (33.8)	6 (10.2)	<b>&lt;0.001</b>
Intermediate Branch n, (%)	6 (2.3)	3 (5.1)	0.477
RCA n, (%)	54 (21.0)	16 (27.1)	0.398
CABG n, (%)	1 (0.4)	2 (3.4)	0.162
<b>Lesion characteristics</b>			
AHA class A n, (%)	83 (32.3)	10 (16.9)	<b>0.032</b>
AHA class B1/B2 n, (%)	152 (59.1)	43 (72.9)	<b>0.070</b>
AHA class C n, (%)	22 (8.6)	6 (10.2)	0.892
CTO n, (%)	25 (9.7)	4 (6.8)	0.479
<b>Procedural results</b>			
Residual stenosis > 30% after DCB	13 (5.4)	6 (10.5)	0.151
Mild dissection (type A-B)	26 (10.1)	11(18.6)	0.066
Severe dissection (type C-F)	1 (0.4)	1 (1.6)	0.339
Coronary perforation	1 (0.4)	1 (1.6)	0.339
Coronary rupture	1 (0.4)	1 (1.6)	0.339
No reflow	4 (1.5)	1 (1.6)	0.893
Bailout stenting	20 (7.8)	11 (18.6)	<b>0.011</b>
<b>Lesion oriented outcomes</b>			
Target lesion failure	10 (3.8)	2 (3.4)	0.602
Target lesion revascularization	3 (1.1)	0 (0.0)	0.875

DCB: drug coated balloon; LAD: left anterior descending; LCx: left circumflex; RCA: right coronary artery; CABG: coronary artery bypass graft; AHA: American Heart Association; DES: drug eluting stent.

**Table S2. Operators' reasons for bailout stenting**

Patient	Target vessel	DCB brand	DCB size (mm)	Operator's reason for bailout
#1	Proximal LAD	Pantera Lux	2.0x12	Type B dissection, Proximal territory.
#2	Proximal LCx	Selution	2.5x25	Dissection in proximal territory.
#3	Mid LAD	Pantera Lux	2.0x15	Type C dissection.
#4	1st Dg branch	Pantera Lux	2.5x20	Type A dissection. Mid LAD CTO.
#5	Distal RCA	Pantera Lux	2.0x30	Type B dissection.
#6	Mid LAD	Pantera Lux	3.0x20	Large vessel. Type C dissection.
#7	Ramus branch	Pantera Lux	2.5x30	Type B dissection. Proximal territory.
#8	Mid LAD	Pantera Lux	3.0x20	Type B dissection. Target lesion was a CTO. Large vessel.
#9	Proximal LAD	Pantera Lux	3.5x30	Type C dissection.
#10	1st OM branch	Pantera Lux	2.5x30	Type A dissection.
#11	Mid RCA	Pantera Lux	3.5x25	Type C dissection.
#12	PDA	Pantera Lux	2.5x15	Vessel occlusion. No reflow.
#13	Proximal LCx	Selution	2.0x30	Type B dissection. Proximal territory.
#14	Mid LAD	Pantera Lux	3.0x20	Type C dissection.
#15	1st Dg branch	Selution	2.0x20	Persistent residual stenosis > 50%.
#16	Distal LAD	Selution	2.0x15	Elastic recoil with persistent stenosis
#17	1st OM branch	Selution	3.0x35	Type B dissection. Proximal territory.
#18	2nd OM branch	Selution	2.5x15	Type A dissection. True Bifurcation.
#19	1st Dg branch	Pantera Lux	3.0x20	Bifurcation. Vessel occlusion after MB stent.
#20	Distal LAD	Pantera Lux	2.0x30	TIMI II flow after DCB.
#21	1st Dg branch	Pantera Lux	3.0x15	Type C dissection.
#22	Proximal LCx	Pantera Lux	2.5x15	Elastic recoil with persistent stenosis
#23	1st Dg branch	Selution	2.25x20	Elastic recoil with persistent stenosis
#24	Distal LAD	Selution	2.5x30	Elastic recoil with persistent stenosis
#25	Distal RCA	Pantera Lux	3.5x15	Vessel rupture. Need for covered stent.

#26	Mid LAD	Pantera Lux	3.0x20	Type B dissection. Large vessel.
#27	1st Dg branch	Pantera Lux	2.5x15	Type C dissection. TIMI II flow.
#28	1st OM branch	Selution	2.5x30	Type B dissection. Proximal territory.
#29	Ramus branch	Pantera Lux	3.0x25	Type B dissection. Proximal territory.
#30	Distal LAD	Pantera Lux	2.5x25	Type B dissection. Slow flow.
#31	1st OM branch	Pantera Lux	2.5x20	Type B dissection. Slow flow.

DCB: drug coated balloon; LAD: left anterior descending; LCx: left circumflex; RCA: right coronary artery; Dg: diagonal; OM: obtuse marginal; CTO: chronic total occlusion; TIMI: Thrombolysis in Myocardial Infarction.