

Table S9. Conduits and relative targets details in the RA (top) and SVG (bottom) groups

	RA group (n=632)				
	LITA	other	RA	RITA	SVG
N conduits used	627	4	362	278	235
N of distal anastomosis	700	4	789	291	316
Sequential anastomosis	131 (18.7)	2 (50.0)	163 (20.7)	27 (9.3)	21 (6.6)
Proximal Anastomosis* n(%)					
Aorta	34 (16.3)	1 (25.0)	574 (73.4)	20 (16.8)	304 (97.1)
Other conduit	175 (83.7)	3 (75.0)	208 (26.6)	99 (83.2)	9 (2.9)
Target n (%)					
CX	130 (18.6)	2 (50.0)	394 (49.9)	123 (42.3)	75 (23.7)
DIA	75 (10.7)	0 (0.0)	75 (9.5)	21 (7.2)	57 (18.0)
LAD	493 (70.4)	0 (0.0)	24 (3.0)	133 (45.7)	2 (0.6)
RCA	2 (0.3)	2 (50.0)	296 (37.5)	14 (4.8)	182 (57.6)

Vessel_diameter (mean (sd))	1.79 (0.35)	1.75 (0.20)	1.73 (0.38)	1.79 (0.37)	1.70 (0.33)
Vessel quality n (%)					
Good	287 (41.5)	2 (50.0)	296 (37.9)	102 (35.5)	141 (45.8)
Satisfactory	327 (47.3)	1 (25.0)	419 (53.6)	144 (50.2)	135 (43.8)
Poor	78 (11.3)	1 (25.0)	66 (8.5)	41 (14.3)	32 (10.4)
Endarterectomy n (%)	1 (0.1)	0 (0.0)	10 (1.3)	4 (1.4)	2 (0.6)
	SVG group (n=2105)				
	LITA	other	RA	RITA	SVG
N conduits used	2079	0	0	801	2015
N of distal anastomosis	2221	0	0	825	3877
Sequential anastomosis	182 (8.2)	-	-	43 (5.2)	271 (7.0)
Proximal Anastomosis* n(%)		-	-		

Aorta	48 (16.7)	-	-	66 (22.2)	3713 (96.2)
Other conduit	237 (82.3)	-	-	229 (77.1)	145 (3.8)
Target n (%)					
CX	356 (16.0)			377 (45.7)	1673 (43.2)
DIA	176 (7.9)	-	-	53 (6.4)	480 (12.4)
LAD	1687 (76.0)	-	-	378 (45.8)	71 (1.8)
RCA	2 (0.1)	-	-	17 (2.1)	1653 (42.6)
Vessel_diameter (mean (sd))	1.86 (0.46)	-	-	1.87 (0.44)	1.83 (0.51)
Vessel quality					
Good	1048 (48.1)	-	-	397 (49.2)	1816 (47.7)
Satisfactory	813 (37.3)	-	-	295 (36.6)	1555 (40.9)

Poor	317 (14.6)	-	-	115 (14.3)	433 (11.4)
Endarterectomy (%)	10 (0.5)	-	-	3 (0.4)	32 (0.8)

*for LITA and RITA, numbers refer to non in-situ configuration

LITA: Left internal thoracic artery; RA: Radial artery; RITA: Right internal thoracic artery; SVG: Saphenous vein graft; CX: Circumflex; LAD: Left anterior descending artery; DIA; Diagonal branch; RCA: Right coronary artery. Reproduced from: Taggart DP, et al. Associations Between Adding a Radial Artery Graft to Single and Bilateral Internal Thoracic Artery Grafts and Outcomes: Insights From the Arterial Revascularization Trial. *Circulation*. 2017;136(5):454-463. doi:10.1161/CIRCULATIONAHA.117.027659.