

Supplementary Material

Supplementary Table S1: Baseline patient demographics and perioperative characteristics grouped by statin therapy

	All patients (N=192)	Statin: No (N=87)	Statin: Yes (N=105)	P
Demographics				
Age (yr)	67.0 [60.0;73.0]	65.0 [57.5;73.5]	68.0 [62.0;73.0]	0.128
Height (cm)	173 (8.71)	173 (9.79)	173 (7.74)	0.554
Weight (kg)	80.4 [70.0;90.1]	80.1 [68.2;88.5]	81.4 [71.0;94.5]	0.283
BMI (kg/m ²)	26.1 [23.7;30.4]	25.7 [23.6;29.5]	26.5 [23.8;30.7]	0.291
Sex (Male)	145 (75.5%)	56 (64.4%)	89 (84.8%)	0.002
Comorbidities				
Diabetes (Yes)	35 (18.2%)	7 (8.05%)	28 (26.7%)	0.002
Diabetes on insulin				0.374
No	24 (68.6%)	6 (85.7%)	18 (64.3%)	
Yes	11 (31.4%)	1 (14.3%)	10 (35.7%)	
Hypertension [†] (Yes)	130 (68.4%)	47 (54.7%)	83 (79.8%)	<0.001
Dyslipidaemia [†] (Yes)	111 (58.1%)	28 (32.2%)	83 (79.8%)	<0.001
Nicotine [†]				0.060
Former smoker	49 (26.1%)	16 (19.0%)	33 (31.7%)	
Non-smoker	97 (51.6%)	51 (60.7%)	46 (44.2%)	
Smoker	42 (22.3%)	17 (20.2%)	25 (24.0%)	
Obesity (Yes)	52 (27.1%)	20 (23.0%)	32 (30.5%)	0.318
Preoperative renal disease (Yes)	43 (22.4%)	16 (18.4%)	27 (25.7%)	0.299
Peripheral vascular disease [†]				0.366
No	167 (93.8%)	75 (94.9%)	92 (92.9%)	
Stage 1	4 (2.25%)	1 (1.27%)	3 (3.03%)	
Stage 2	4 (2.25%)	1 (1.27%)	3 (3.03%)	
Stage 3	1 (0.56%)	0 (0.00%)	1 (1.01%)	
Stage 4	2 (1.12%)	2 (2.53%)	0 (0.00%)	
Carotid disease [†]				0.168
< 50%	1 (0.58%)	0 (0.00%)	1 (0.99%)	
>90%	3 (1.75%)	1 (1.43%)	2 (1.98%)	
50-69%,	9 (5.26%)	1 (1.43%)	8 (7.92%)	
70-89%	2 (1.17%)	0 (0.00%)	2 (1.98%)	
no	156 (91.2%)	68 (97.1%)	88 (87.1%)	
Myocardial infarction [†]				0.004
No MI	171 (89.5%)	85 (97.7%)	86 (82.7%)	
MI 0-7 days before operation	3 (1.57%)	1 (1.15%)	2 (1.92%)	
MI 8-90 days before operation	8 (4.19%)	0 (0.00%)	8 (7.69%)	
MI >90 days before operation	9 (4.71%)	1 (1.15%)	8 (7.69%)	
COPD [†] (Yes)	23 (12.1%)	10 (11.5%)	13 (12.6%)	0.989
NYHA [†]				0.254
1	60 (31.4%)	21 (24.4%)	39 (37.1%)	
2	90 (47.1%)	44 (51.2%)	46 (43.8%)	
3	38 (19.9%)	20 (23.3%)	18 (17.1%)	
4	3 (1.57%)	1 (1.16%)	2 (1.90%)	
CCS [†]				0.001
0	118 (62.4%)	65 (76.5%)	53 (51.0%)	
1	34 (18.0%)	13 (15.3%)	21 (20.2%)	
2	25 (13.2%)	5 (5.88%)	20 (19.2%)	
3	9 (4.76%)	2 (2.35%)	7 (6.73%)	
4	3 (1.59%)	0 (0.00%)	3 (2.88%)	
Ejection fraction [†]	60.0 [55.0;65.0]	60.0 [55.0;65.0]	60.0 [57.0;65.0]	0.565
EuroSCORE2 [†]	1.73 [0.90;2.93]	2.03 [1.26;3.49]	1.44 [0.85;2.77]	0.050

Pre-operative lipids				
Cholesterol (mmol/L)	4.42 (1.13)	5.03 (1.04)	3.92 (0.94)	<0.001
HDL cholesterol(mmol/L)	1.13 [0.92;1.35]	1.20 [1.00;1.42]	1.08 [0.88;1.31]	0.012
LDL Cholesterol (mmol/L)	2.68 [2.14;3.40]	3.25 [2.74;3.85]	2.34 [1.98;2.70]	<0.001
Triglycerides (mmol/L)	1.33 [0.97;1.88]	1.26 [0.95;1.75]	1.34 [1.00;1.92]	0.323
Perioperative Characteristics				
Aortic valve Surgery (Yes)	86 (44.8%)	45 (51.7%)	41 (39.0%)	0.107
Mitral valve surgery (Yes)	45 (23.4%)	31 (35.6%)	14 (13.3%)	0.001
Tricuspid valve surgery (Yes)	17 (8.85%)	13 (14.9%)	4 (3.81%)	0.014
Coronary Artery Bypass Surgery (Yes)	77 (40.1%)	11 (12.6%)	66 (62.9%)	<0.001
Ascending Aortic surgery (Yes)	38 (19.8%)	28 (32.2%)	10 (9.52%)	<0.001
Aortic Arch Surgery (Yes)	11 (5.73%)	9 (10.3%)	2 (1.90%)	0.016
ECC or MiECC				<0.001
ECC	149 (77.6%)	85 (97.7%)	64 (61.0%)	
MiECC	43 (22.4%)	2 (2.30%)	41 (39.0%)	
Bypass time (min)	104 [80.0;132]	109 [86.0;134]	98.0 [76.0;132]	0.181
Aortic cross clamping (min)	68.5 [52.0;91.8]	71.0 [52.0;96.0]	67.0 [51.0;88.0]	0.527
Lowest body temperature (deg C)	33.2 [32.1;33.8]	32.4 [31.8;33.6]	33.5 [32.6;34.0]	<0.001
Deep hypothermic cardiac arrest[†] (Yes)	19 (9.95%)	16 (18.4%)	3 (2.88%)	0.001
Operation duration (min)	234 [195;276]	211 [179;248]	255 [205;286]	<0.001

Supplementary Table S2: Demographics and comorbidities stratified according to the outcomes considered in this study

Characteristic	Postoperative Stroke			Myocardial Infarction			30-day survival			1-year survival		
	No N=179	Yes N=11	P	No N=190	Yes N=2	P	Alive N=190	Deceased N=2	P	Alive N=179	Deceased N=7	P
Age	67.0 [59.5;73.0]	69.0 [62.5;77.0]	0.097	67.0 [60.0;73.0]	61.0 [60.5;61.5]	0.312	67.0 [60.0;73.0]	70.5 [69.8;71.2]	0.514	67.0 [60.0;73.0]	69.0 [62.0;70.5]	0.810
Height	173 (8.61)	167 (9.54)	0.066	173 (8.73)	166 (1.41)	0.028	173 (8.62)	162 (14.8)	0.496	173 (8.76)	168 (9.14)	0.222
Weight	80.3 [70.0;90.6]	84.3 [77.3;88.5]	0.374	80.8 [70.0;90.2]	71.5 [70.8;72.2]	0.288	80.3 [70.0;90.2]	89.0 [88.5;89.5]	0.277	81.4 [70.0;91.2]	78.5 [66.0;83.6]	0.311
BMI	25.9 [23.6;30.3]	28.8 [27.1;35.0]	0.054	26.1 [23.7;30.4]	25.9 [25.8;26.0]	0.939	26.0 [23.7;30.4]	34.1 [32.1;36.1]	0.091	26.1 [23.6;30.4]	25.6 [22.0;28.5]	0.545
Sex:			0.002			0.052			0.434			1.000
Female	39 (21.8%)	8 (72.7%)		45 (23.7%)	2 (100%)		46 (24.2%)	1 (50.0%)		43 (24.0%)	2 (28.6%)	
Male	140 (78.2%)	3 (27.3%)		145 (76.3%)	0 (0.00%)		144 (75.8%)	1 (50.0%)		136 (76.0%)	5 (71.4%)	
Diabetes:			0.698			1.000			0.320			0.090
No	147 (82.1%)	10 (90.9%)		155 (81.6%)	2 (100%)		156 (82.1%)	1 (50.0%)		149 (83.2%)	4 (57.1%)	
Yes	32 (17.9%)	1 (9.09%)		35 (18.4%)	0 (0.00%)		34 (17.9%)	1 (50.0%)		30 (16.8%)	3 (42.9%)	
Hypertension:			0.755			1.000			0.555			0.668
No	57 (32.2%)	3 (27.3%)		59 (31.4%)	1 (50.0%)		60 (31.9%)	0 (0.00%)		58 (32.6%)	1 (16.7%)	
Yes	120 (67.8%)	8 (72.7%)		129 (68.6%)	1 (50.0%)		128 (68.1%)	2 (100%)		120 (67.4%)	5 (83.3%)	
Dyslipidaemia:			0.205			0.512			1.000			0.700
No	72 (40.4%)	7 (63.6%)		80 (42.3%)	0 (0.00%)		79 (41.8%)	1 (50.0%)		73 (40.8%)	3 (50.0%)	
Yes	106 (59.6%)	4 (36.4%)		109 (57.7%)	2 (100%)		110 (58.2%)	1 (50.0%)		106 (59.2%)	3 (50.0%)	
Nicotine:			0.443			0.741			0.727			0.149
Former smoker	47 (26.9%)	1 (9.09%)		49 (26.3%)	0 (0.00%)		49 (26.3%)	0 (0.00%)		47 (26.6%)	0 (0.00%)	
Non-smoker	90 (51.4%)	7 (63.6%)		96 (51.6%)	1 (50.0%)		96 (51.6%)	1 (50.0%)		91 (51.4%)	3 (50.0%)	
Smoker	38 (21.7%)	3 (27.3%)		41 (22.0%)	1 (50.0%)		41 (22.0%)	1 (50.0%)		39 (22.0%)	3 (50.0%)	
Obesity:			0.159			0.607			0.086			1.000
No	133 (74.3%)	6 (54.5%)		138 (72.6%)	2 (100%)		140 (73.7%)	0 (0.00%)		130 (72.6%)	5 (71.4%)	
Yes	46 (25.7%)	5 (45.5%)		52 (27.4%)	0 (0.00%)		50 (26.3%)	2 (100%)		49 (27.4%)	2 (28.6%)	
Preoperative renal disease:			0.674			0.415			0.059			0.004
No	140 (78.2%)	8 (72.7%)		148 (77.9%)	1 (50.0%)		149 (78.4%)	0 (0.00%)		143 (79.9%)	2 (28.6%)	
Yes	39 (21.8%)	3 (27.3%)		42 (22.1%)	1 (50.0%)		41 (21.6%)	2 (100%)		36 (20.1%)	5 (71.4%)	
Peripheral vascular disease:			1.000			0.101			1.000			0.296
No	154 (93.3%)	11 (100%)		166 (94.3%)	1 (50.0%)		165 (93.8%)	2 (100%)		158 (94.0%)	4 (80.0%)	
Stadium 1	4 (2.42%)	0 (0.00%)		3 (1.70%)	1 (50.0%)		4 (2.27%)	0 (0.00%)		4 (2.38%)	0 (0.00%)	
Stadium 2	4 (2.42%)	0 (0.00%)		4 (2.27%)	0 (0.00%)		4 (2.27%)	0 (0.00%)		3 (1.79%)	1 (20.0%)	
Stadium 3	1 (0.61%)	0 (0.00%)		1 (0.57%)	0 (0.00%)		1 (0.57%)	0 (0.00%)		1 (0.60%)	0 (0.00%)	
Stadium 4	2 (1.21%)	0 (0.00%)		2 (1.14%)	0 (0.00%)		2 (1.14%)	0 (0.00%)		2 (1.19%)	0 (0.00%)	
Carotid disease:			0.367			0.039			1.000			0.487
< 50%	1 (0.63%)	0 (0.00%)		1 (0.59%)	0 (0.00%)		1 (0.59%)	0 (0.00%)		1 (0.63%)	0 (0.00%)	
>90%	2 (1.26%)	1 (10.0%)		3 (1.78%)	0 (0.00%)		3 (1.78%)	0 (0.00%)		3 (1.89%)	0 (0.00%)	
50-69%,	9 (5.66%)	0 (0.00%)		9 (5.33%)	0 (0.00%)		9 (5.33%)	0 (0.00%)		7 (4.40%)	1 (14.3%)	
70-89%	2 (1.26%)	0 (0.00%)		1 (0.59%)	1 (50.0%)		2 (1.18%)	0 (0.00%)		2 (1.26%)	0 (0.00%)	
no	145 (91.2%)	9 (90.0%)		155 (91.7%)	1 (50.0%)		154 (91.1%)	2 (100%)		146 (91.8%)	6 (85.7%)	
COPD:			1.000			0.237			0.221			0.213
No	156 (88.1%)	10 (90.9%)		166 (88.3%)	1 (50.0%)		166 (88.3%)	1 (50.0%)		156 (88.1%)	5 (71.4%)	
Yes	21 (11.9%)	1 (9.09%)		22 (11.7%)	1 (50.0%)		22 (11.7%)	1 (50.0%)		21 (11.9%)	2 (28.6%)	
NYHA:			0.923			1.000			0.077			0.154
1	57 (32.0%)	3 (27.3%)		59 (31.2%)	1 (50.0%)		60 (31.7%)	0 (0.00%)		56 (31.5%)	2 (28.6%)	
2	84 (47.2%)	6 (54.5%)		89 (47.1%)	1 (50.0%)		90 (47.6%)	0 (0.00%)		86 (48.3%)	1 (14.3%)	
3	34 (19.1%)	2 (18.2%)		38 (20.1%)	0 (0.00%)		36 (19.0%)	2 (100%)		33 (18.5%)	4 (57.1%)	
4	3 (1.69%)	0 (0.00%)		3 (1.59%)	0 (0.00%)		3 (1.59%)	0 (0.00%)		3 (1.69%)	0 (0.00%)	
CCS:			0.557			1.000			0.377			1.000
0	110 (62.1%)	8 (72.7%)		116 (62.0%)	2 (100%)		117 (62.6%)	1 (50.0%)		111 (63.1%)	5 (71.4%)	
1	31 (17.5%)	3 (27.3%)		34 (18.2%)	0 (0.00%)		34 (18.2%)	0 (0.00%)		31 (17.6%)	1 (14.3%)	
2	24 (13.6%)	0 (0.00%)		25 (13.4%)	0 (0.00%)		24 (12.8%)	1 (50.0%)		22 (12.5%)	1 (14.3%)	
3	9 (5.08%)	0 (0.00%)		9 (4.81%)	0 (0.00%)		9 (4.81%)	0 (0.00%)		9 (5.11%)	0 (0.00%)	
4	3 (1.69%)	0 (0.00%)		3 (1.60%)	0 (0.00%)		3 (1.60%)	0 (0.00%)		3 (1.70%)	0 (0.00%)	
Ejection Fraction	60.0 [55.0;65.0]	60.0 [54.5;62.5]	0.625	60.0 [55.0;65.0]	57.5 [53.8;61.2]	0.910	60.0 [55.0;65.0]	30.0 [30.0;30.0]	0.020	60.0 [55.0;65.0]	40.0 [30.0;62.5]	0.078

Characteristic	Postoperative Stroke			Myocardial Infarction			30-day survival			1-year survival		
	No N=179	Yes N=11	P	No N=190	Yes N=2	P	Alive N=190	Deceased N=2	P	Alive N=179	Deceased N=7	P
EuroSCORE2	1.65 [0.88;2.80]	3.69 [2.36;7.58]	0.005	1.69 [0.90;2.92]	5.87 [4.09;7.65]	0.178	1.69 [0.90;2.91]	14.1 [12.4;15.8]	0.019	1.76 [0.90;2.91]	1.96 [1.35;7.85]	0.281
Logistic	4.50	17.4	0.001	4.65	8.46	0.222	4.65	11.1	0.207	4.65	5.92	0.541
EuroSCORE	[2.29;7.44]	[6.56;22.1]		[2.33;7.94]	[7.77;9.15]		[2.33;7.94]	[8.52;13.7]		[2.36;8.19]	[3.37;11.3]	
Additive	5.00	10.0	0.001	6.00	7.50	0.217	6.00	7.50	0.278	6.00	6.00	0.702
EuroSCORE	[3.00;7.00]	[6.50;11.0]	0.005	[3.00;7.00]	[7.25;7.75]	1.000	[3.00;7.00]	[6.75;8.25]	1.000	[3.00;7.50]	[4.00;8.00]	1.000
Statin:												
No	77 (43.0%)	10 (90.9%)		86 (45.3%)	1 (50.0%)		86 (45.3%)	1 (50.0%)		82 (45.8%)	3 (42.9%)	
Yes	102 (57.0%)	1 (9.09%)		104 (54.7%)	1 (50.0%)		104 (54.7%)	1 (50.0%)		97 (54.2%)	4 (57.1%)	

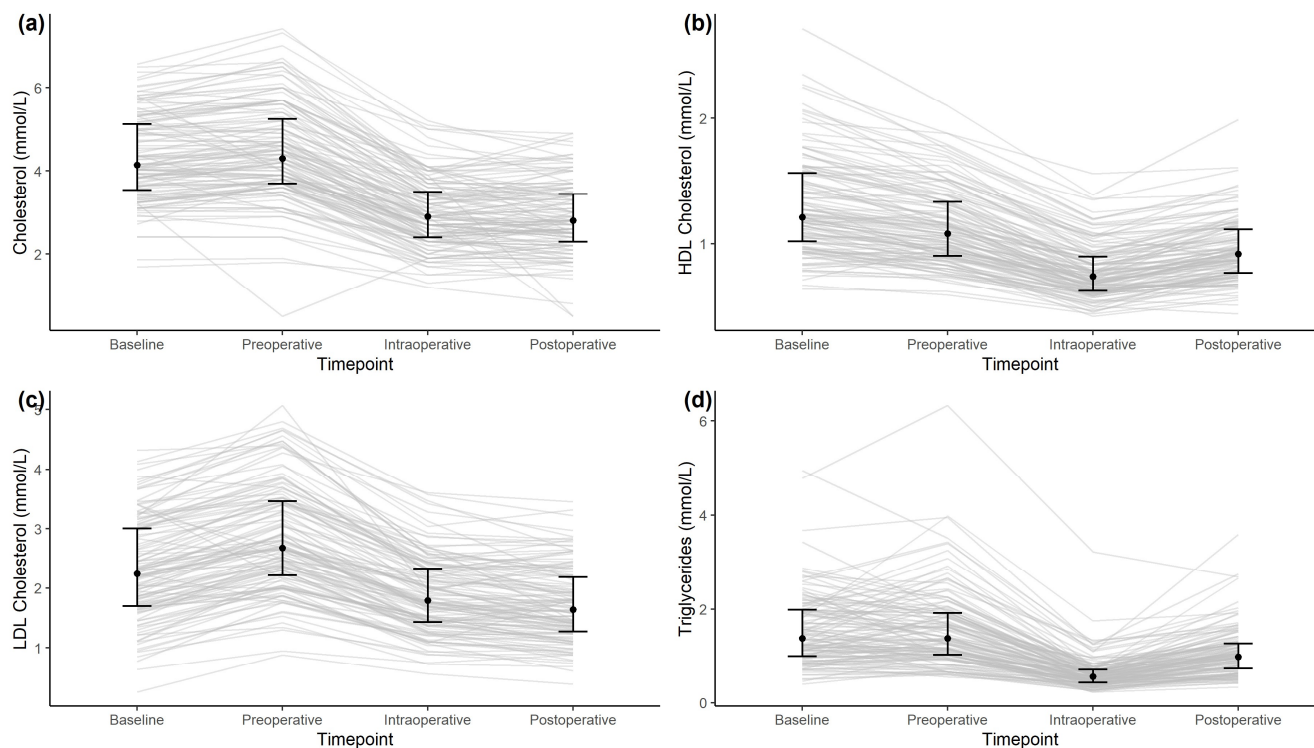
Supplementary Table S3: Effect of cardiopulmonary bypass time as a potential confounder for postoperative stroke

Covariate	Logistic Regression (univariable)				Elastic net (multivariable)		Elastic net (multivariable; with additional bypass time as confounder)	
	OR	P	OR (adjusted)	P	OR	OR (adjusted)	OR	OR (adjusted)
Cholesterol (preops)	2.12 (1.23, 3.82)	0.008	1.48 (0.74, 3.17)	0.284	1.25	1.13	1.25	1.24
Cholesterol (Δ)	0.46 (0.20, 1.05)	0.062	0.29 (0.07, 0.90)	0.047	0.97	0.78	0.97	0.75
HDL Cholesterolin (preops)	3.12 (0.45, 20.64)	0.239	1.95 (0.15, 28.40)	0.612	-	0.46		0.30
HDL Cholesterolin (Δ)	0.08 (0.00, 1.78)	0.104	0.01 (0.00, 0.78)	0.039	0.30	0.08	0.30	0.08
LDL Cholesterolin (preops)	2.51 (1.27, 5.21)	0.010	1.68 (0.69, 4.53)	0.272	1.39	1.33	1.39	1.44
LDL Cholesterolin (Δ)	0.27 (0.08, 0.91)	0.035	0.19 (0.03, 0.88)	0.045	0.86	0.67	0.86	0.95
Triglyceride (preops)	1.03 (0.44, 1.89)	0.937	0.82 (0.28, 2.07)	0.699	-	0.91		0.67
Triglyceride (Δ)	1.2 (0.41, 5.28)	0.777	0.91 (0.25, 4.14)	0.890	-	0.92		0.68

Supplementary Table S4: Missing Data

Variable	Number of missing values (% of total)
Age (yr)	0 (0.00%)
Height (cm)	0 (0.00%)
Weight (kg)	0 (0.00%)
BMI (kg/m ²)	0 (0.00%)
Sex	0 (0.00%)
Diabetes	0 (0.00%)
Diabetes on insulin	157 (81.8%)
Hypertension	2 (1.04%)
Dyslipidaemia	1 (0.52%)
Nicotine	4 (2.08%)
Adipositas	0 (0.00%)
Preoperative renal disease	0 (0.00%)
Peripheral vascular disease	14 (7.29%)
Carotid disease	21 (10.9%)
Myocardial infarction	1 (0.52%)
COPD	2 (1.04%)
NYHA	1 (0.52%)
CCS	3 (1.56%)
Ejection fraction	1 (0.52%)
EuroSCORE2	8 (4.17%)
Logistic EuroSCORE	5 (2.60%)
Aortic valve	0 (0.00%)
Mitral valve	0 (0.00%)
Tricuspid valve	0 (0.00%)
Coronary Artery Bypass	0 (0.00%)
Ascending Aortic	0 (0.00%)
Aortic Arch	0 (0.00%)
Cholesterol (mmol/L)	0 (0.00%)
HDL cholesterol (mmol/L)	0 (0.00%)
LDL Cholesterol (mmol/L)	0 (0.00%)
Quotient overall (.)	0 (0.00%)
Triglycerides (mmol/L)	0 (0.00%)
Lipoprotein(a) (mg/dl)	0 (0.00%)
ECC or MiECC	0 (0.00%)
Bypass time (min)	0 (0.00%)
Aortic cross clamping (min)	0 (0.00%)
Lowest body temperature (deg C)	0 (0.00%)
Deep hypothermic cardiac arrest	1 (0.52%)
Operation duration (min)	0 (0.00%)

Supplementary Figure S5: Time series of cholesterol (a), HDL-C (b), LDL-C (c), and triglycerides (d) for the baseline, pre-operative, intra-operative and post-operative time points *for those patients only who did not receive any blood transfusion perioperatively*. Shown are medians and interquartile ranges at the different time points (black dots and black lines) and time series of individual patients (grey lines).



Supplementary Table S6: Descriptive statistics of cholesterol, HDL-C, LDL-C, and triglycerides at the different time points *for those patients only who did not receive any blood transfusion perioperatively*. Means and interquartile ranges are shown and P values indicate if the lipid values differ at the four time points. Post-hoc comparisons of pairwise differences in lipid levels are illustrated with Cliff's delta (d) as effect size.

Time point	Cholesterol (mmol/L)	HDL-C (mmol/L)	LDL-C (mmol/L)	Triglycerides (mmol/L)
Baseline	4.1 (3.5, 5.1)	1.2 (1.0, 1.6)	2.2 (1.7, 3.0)	1.4 (1.0, 2.0)
Pre-operative	4.3 (3.7, 5.2)	1.1 (0.9, 1.3)	2.7 (2.2, 3.5)	1.4 (1.0, 1.9)
Intra-operative	2.9 (2.4, 3.5)	0.7 (0.6, 0.9)	1.8 (1.4, 2.3)	0.6 (0.4, 0.7)
Post-operative	2.8 (2.3, 3.5)	0.9 (0.8, 1.1)	1.6 (1.3, 2.2)	1.0 (0.7, 1.3)
P [‡]	<0.0001	<0.0001	<0.0001	<0.0001
Post-hoc comparisons (d^*)				
Baseline vs. Pre-operative	-0.08 (-0.21, 0.06) [‡]	0.25 (0.11, 0.38) [‡]	-0.32 (-0.45, -0.19) [‡]	0.00 (-0.14, 0.14) [‡]
Baseline vs. Intra-operative	0.69 (0.58, 0.77) [‡]	0.80 (0.71, 0.86) [‡]	0.29 (0.15, 0.42) [‡]	0.84 (0.75, 0.89)
Baseline vs. Post-operative	0.70 (0.60, 0.78) [‡]	0.58 (0.46, 0.68) [‡]	0.41 (0.27, 0.53) [‡]	0.41 (0.27, 0.53) [‡]
Intra-operative vs. Post-operative	0.05 (-0.09, 0.19)	-0.42 (-0.53, -0.28) [‡]	0.15 (0.01, 0.29) [‡]	-0.63 (-0.72, -0.51) [‡]
Pre-operative vs. Intra-operative	0.72 (0.61, 0.80) [‡]	0.68 (0.57, 0.76) [‡]	0.61 (0.50, 0.71) [‡]	0.85 (0.78, 0.91) [‡]
Pre-operative vs. Post-operative	0.73 (0.63, 0.81) [‡]	0.37 (0.24, 0.49) [‡]	0.69 (0.59, 0.77) [‡]	0.42 (0.29, 0.54) [‡]

[‡] Friedman Test; ^{*} Mean and 95% confidence intervals are shown (note that d is positive when the lipid levels of the first time point of the comparison are greater than the levels of the second time point, and *vice versa*; [‡] Statistically significant (all $p < 0.0001$) after Wilcoxon signed-rank test with a Bonferroni adjustment for multiple comparisons.

Supplementary Table S7: Association between individual lipids (in units [mmol/L]) and the outcome *postoperative stroke*. Preoperative values as well as their change during the operation (postoperative minus preoperative) are presented. The results from a multivariable (crude and adjusted to age, sex, BMI and statin) elastic net regression are presented for the entire cohort and *for those patients only who did not receive any blood transfusion perioperatively*. An OR>1 refers to increased risk and an OR<1 refers to a protective effect with respect to a unit change in a particular characteristic.

Covariate	Elastic Net (entire cohort: N=192)		Elastic Net (no blood transfusion N=127)	
	OR	OR (adjusted)	OR	OR (adjusted)
TC (preop)	1.25	1.13	1.37	1.33
TC (Δ)	0.97	0.78	-	0.91
HDL-C (preops)	-	0.46	1.14	1.30
HDL-C (Δ)	0.30	0.08	-	-
LDL-C (preop)	1.39	1.33	1.54	1.47
LDL-C (Δ)	0.86	0.67	0.77	0.70
TG (preop)	-	0.91	-	0.99
TG (Δ)	-	0.92	1.12	1.09
Age (yr)	-	1.04	-	-
Sex (male)	-	0.30	-	0.67
BMI (kg/m ²)	-	1.16	-	1.13
Statin (Yes)	-	0.22	-	0.54