

Supplementary Table 1 Prediction model: the order of risk factors from most to least important based on main and total effect

Risk factors	Main effect	Main effect Std Err	Total effect	Total effect Std Err
Donor history of CAD	0.242	0.009	0.266	0.007
Donation after cardiac death	0.177	0.009	0.194	0.006
Donor Terminal creatinine \geq 1.9 mg/dL	0.171	0.009	0.188	0.006
Recipient BMI \geq 30 kg/m ²	0.147	0.008	0.164	0.006
Cold storage hours \geq 16 h	0.087	0.007	0.1	0.005
Intraoperative phenylephrine usage	0.047	0.006	0.055	0.003
HMP, Pump resistance \geq 0.23 mmHg/mL/min	0.045	0.006	0.054	0.003
Baseline MAP < 110 mmHg	0.042	0.005	0.052	0.003

CAD: Coronary artery disease; BMI: Body mass index; HMP: Hypothermic machine perfusion pump; MAP: Mean arterial pressure.

Supplementary Table 1 Subgroup analysis of patients receiving phenylephrine-treated versus untreated recipients, stratified by delayed graft function *vs* no delayed graft function

	YES phenylephrine, <i>n</i> = 64			NO phenylephrine, <i>n</i> = 230		
	DGF	No DGF	<i>P</i>	DGF	No DGF	<i>P</i>
	<i>n</i> = 25	<i>n</i> = 39	value	<i>n</i> = 54	<i>n</i> = 176	value
Hemodynamic analysis						
MAP at baseline, mmHg	102 (94-125)	103 (92-115)	0.45	107 (97-117)	113 (100-123)	0.03 ^a
Baseline MAP < 100 mmHg, <i>n</i> %	11 (44%)	15 (39%)	0.66	18 (33%)	43 (25%)	0.20
Baseline MAP < 110 mmHg, <i>n</i> %	16 (64%)	28 (72%)	0.51	35 (65%)	80 (46%)	0.02 ^a
MAP 5 min post-reperfusion, mmHg	94 (79-100)	84 (79-94)	0.09	89 (79-97)	92 (83-102)	0.10
5 min post-reperfusion MAP < 100 mmHg, <i>n</i> %	17 (68%)	34 (87%)	0.06	44 (81%)	125 (71%)	0.10
Drop in MAP ≥ 30 mmHg	5 (20%)	8 (21%)	0.96	13 (24%)	48 (27%)	0.63
Baseline-5 min post-reperfusion, <i>n</i> %						
MAP 30 min post-reperfusion, mmHg	89 (78-98)	85 (77-94)	0.05	94 (82-104)	92 (84-100)	0.83
30 min post-reperfusion MAP < 100 mmHg, <i>n</i> %	20 (80%)	34 (87%)	0.44	34 (63%)	130 (74%)	0.11
Drop in MAP ≥ 30	7 (28%)	9 (23%)	0.66	6 (11%)		

[illegible]

None	20 (80%)	26 (67%)		40 (74%)	138 (78%)	
1 unit	2 (8%)	8 (21%)	0.46	9 (17%)	20 (11%)	0.43
2 units	3 (12%)	4 (10%)		5 (9%)	13 (7%)	
3+ units	0 (0%)	1 (3%)		0 (0%)	5 (3%)	
Fresh frozen plasma, <i>n</i> %						
None	25 (100%)	35 (90%)	0.10	54 (100%)	173 (98%)	0.63
1 unit	0 (0%)	0 (0%)		0 (0%)	2 (1%)	
2+ units	0 (0%)	4 (10%)		0 (0%)	1 (1%)	
Platelets, <i>n</i> %						
None	25 (100%)	38 (97%)	0.42	54 (100%)	173 (98%)	0.33
1 unit	0 (0%)	1 (3%)		0 (0%)	3 (2%)	
Furosemide infusion, <i>n</i> %	13 (52%)	28 (72%)	0.11	31 (57%)	120 (68%)	0.14
Estimated blood loss, mL	150 (75-225)	150 (100-200)	0.86	200 (100-300)	100 (50-200)	0.003 ^a

Values are presented as medians with 25th and 75th percentiles, or as numbers (*n*) and percentages %. ^a*P* < 0.05 denotes significance. MAP: Mean arterial blood pressure.