

SUPPLEMENTARY FILES

TABLE S1. Baseline characteristics of the medical and surgical groups according to TRI-SCORE categories.

Characteristics	Low TRI-SCORE (N=591)			Intermediate TRI-SCORE (N=557)			High TRI-SCORE (N=620)		
	Medical (N=408)	Surgical (N=183)	P-Value Surgical vs Medical	Medical (N=372)	Surgical (N=185)	P-Value Surgical vs Medical	Medical (N=437)	Surgical (N=183)	P-Value Surgical vs Medical
Clinical									
Age – years	70±13	64±13	<0.0001	72±14	69±11	0.03	73±13	72±9	0.22
Age ≥70years – no. (%) *	224 (55)	68 (37)	<0.0001	236 (63)	92 (50)	0.002	309 (71)	123 (67)	0.39
Female sex – no. (%)	196 (48)	124 (68)	<0.0001	197 (53)	122 (66)	<0.0001	164 (38)	102 (56)	<0.0001
Diabetes mellitus – no. (%)	83 (20)	27 (15)	0.11	109 (29)	43 (23)	0.13	147 (34)	48 (26)	0.07
Chronic lung disease – no. (%)	70 (17)	16 (9)	0.007	79 (21)	36 (19)	0.63	92 (21)	38 (21)	0.94
Coronary artery disease – no. (%)	160 (39)	25/177 (14)	<0.0001	158 (42)	51 (28)	0.0006	211 (48)	56 (30)	<0.0001
Permanent pacemaker – no./total no. (%)	113 (28)	26/177 (15)	0.0007	89 (24)	55 (30)	0.14	117 (27)	64/182 (35)	0.04
Prior left heart valve intervention – no. (%)	71 (17)	65 (35)	<0.0001	45 (12)	87 (47)	<0.0001	41 (9)	105 (57)	<0.0001
New York Heart Association functional class III-IV – no. (%) *	81 (20)	66 (36)	<0.0001	196 (53)	140 (76)	<0.0001	360 (82)	160 (87)	0.12
Right-sided heart failure signs – no. (%) *	42 (10)	39 (21)	0.0003	225 (60)	150 (81)	<0.0001	393 (90)	175 (96)	0.02
Daily dose of loop diuretics – mg	40 [0-60]	40 [0-75]	0.12	40 [40-80]	60 [40-80]	0.04	80 [40-160]	80 [40-160]	0.03
Daily dose of loop diuretics ≥125mg – no. (%) *	3 (0.7)	15 (8)	<0.0001	24 (6)	28 (15)	0.0009	118 (27)	86 (47)	<0.0001
Atrial fibrillation – no./total no. (%)	225/401 (56)	114 (62)	0.16	203/367 (55)	123 (66)	0.01	257/436 (59)	130 (71)	0.005
Laboratory									
Hemoglobin – g/dl	12.5±2.1	10.0±1.7	0.003	11.9±2.2	12.2±2.0	0.15	12.0±2.2	11.5±1.8	0.01
Creatinine – μmol/l	98±43	94±31	0.21	125±99	115±71	0.21	161±103	127±73	<0.0001
Glomerular filtration rate – ml/min	79±40	75±30	0.26	67±37	62±28	0.10	55±35	56±25	0.67
Glomerular filtration rate <30ml/min – no. (%) *	3 (0.7)	1 (0.5)	0.80	39 (10)	7 (4)	0.007	106 (24)	29 (16)	0.02
Elevated total bilirubin – no. (%) *	15 (4)	13 (7)	0.07	87 (23)	37 (20)	0.37	271 (62)	119 (65)	0.48
Echocardiographic									
Left Ventricle ejection fraction – %	47±14	59±8	<0.0001	44±14	58±9	<0.0001	39±14	54±11	<0.0001
Left Ventricle ejection fraction <60% – no. (%) *	292 (72)	61 (33)	<0.0001	307 (83)	91 (49)	<0.0001	393 (90)	113 (62)	<0.0001
Moderate/severe RV dilatation – no. (%)	164 (40)	137 (75)	<0.0001	165 (44)	156 (84)	<0.0001	265 (61)	149 (81)	<0.0001
Moderate/severe right ventricular dysfunction – no. (%) *	155 (38)	26 (14)	<0.0001	188 (51)	64 (35)	0.0004	314 (72)	83 (45)	<0.0001
Systolic pulmonary artery pressure – mmHg	51±19	40±10	<0.0001	56±19	42±11	<0.0001	55±18	44±11	<0.0001

Values are number of patients (percentage), mean ± standard deviation or median [inter-quartiles]. * The eight parameters included in the TRI-SCORE