

Table 1. Patient demographics

Parameter	Total	Impella CP	Impella 5.0/5.5	P-value
	n=126	64 (51)	62 (49)	
Male sex (n,%)	95 (75)	43 (67)	52 (84)	0.049
Age (years)	64±12.5	69.6±10.7	59±11.8	<0.001
BMI (kg/m ²)	27.2 [24-31]	26.8 [25-30]	27.7 [24-32]	0.65
BMI >30kg/m ²	33 (26)	13 (22)	20 (34)	0.21
Aetiology of heart failure				
AMI (n,%)	64 (51)	50 (78)	14 (23)	0.001
Acute on chronic HF	54 (43)	13 (20)	41 (66)	0.001
Acute myocarditis (n,%)	8 (6)	1 (2)	7 (11)	0.001
Risk factors				
Arterial hypertension (n,%)	65 (52)	31 (48)	34 (55)	0.59
Diabetes mellitus (n,%)	52 (41)	28 (44)	24 (39)	0.69
HLP (n,%)	38 (30)	18 (28)	20 (32)	0.49
INTERMACS 1	80 (63)	49 (77)	31 (50)	0.003
Previous open-heart surgery (n, %)	25 (20)	9 (14)	16 (26)	0.15
PTCA (n,%)	73 (58)	44 (69)	29 (47)	0.39
CPR (n,%)	31 (25)	23 (36)	8 (13)	0.006
CPR duration (min)	48±47	50±53	43±13	0.8
CAD (n,%)	93 (74)	56 (88)	37 (60)	0.001
Prior MI (n,%)	78 (62)	49 (77)	29 (47)	0.001
Malignancy (n,%)	14 (11)	9 (14)	5 (8)	0.49
Renal insufficiency (n,%)	50 (40)	16 (25)	34 (55)	0.001
Renal replacement therapy (n,%)	16 (13)	7 (11)	9 (14.5)	0.737
COPD (n, %)	52 (41)	20 (31)	32 (52)	0.032
Liver insufficiency (n,%)	19 (15)	2 (3)	17 (27)	<0.001
IABP (n,%)	11 (9)	3 (3)	9 (15)	0.041
Data are presented as median and interquartile range 25 th -75 th or as mean and standard deviation.				

- i) (A)MI – (acute) myocardial infarction
- b) BMI - body mass index
- c) CAD – coronary artery disease
- d) COPD – chronic obstructive pulmonary disease
- e) CPR – cardiopulmonary resuscitation
- f) HLP – hypolipoproteinaemia
- g) HF – heart failure
- h) IABP – intra-aortic balloon counterpulsation
- i) INTERMACS – Interagency Registry of Mechanically Assisted Circulatory Support
- j) PTCA – percutaneous transluminal coronary angioplasty
- k) Data are presented as median and interquartile range 25th-75th or as mean and standard deviation.