

Table 1: Baseline characteristics of the overall population (n=225)

Age (years)	59±14
Male (%)	79
Hypertension (%)	37
Hypercholesterolemia (%)	28
Diabetes (%)	18
Smokers (%)	46
Prior coronary disease (%)	23
Cause of cardiac arrest (%):	
Acute coronary syndrome	54
Acute cerebral event	3
Acute pulmonary embolism	3
Other	1
Unknown	39
Primary Rythm (%):	
VF	68
Asystole	28
Pulseless electrical activity	4
Repolarization abnormalities following Cardiac arrest (%):	
Pattern 1	50
Pattern 2	33
Pattern 3	8
Pattern 4	9

VF: Ventricular Fibrillation

Table 2. Characteristics of patients according to repolarization abnormalities

		Group 1 (n=112)	Group 2 (n=74)	Group 3 (n=19)	Group 4 (n=20)	p-value
Male (%)		79	84	56	85	0.06
Age (years)		61±14	61±13	51±15	53±11	0.03
Hypertension (%)		44	30	39	25	0.12
Diabetes (%)		24	13	11	10	0.13
Smoker (%)		41	46	61	55	0.18
Hypercholesterolemia (%)		33	24	22	20	0.37
Prior Coronary Disease (%)		29	19	17	15	0.29
Primary Rhythm	VF (%)	63	80	78	50	0.02
	Asystole (%)	33	17	22	40	0.06
	Pulseless Electrical Activity (%)	4	3	0	10	0.36
Etiology of Cardiac Arrest	Acute Coronary Syndrome (%)	45	82	39	15	<0.0001
	Acute Cerebral Event (%)	5	0	6	5	0.30
	Unknown (%)	47	13	50	80	<0.0001
	Other (%)	3	5	5	0	0.80
LVEF (%)		42±16	44±15	46±11	56±10	0.02

VF: Ventricular Fibrillation; LVEF: Left Ventricular Ejection Fraction

Table 3. Characteristics of patients with acute coronary lesion or not

		Acute coronary lesion (n=121)	No acute coronary lesion (n=104)	p-value
Male (%)		83	75	0.16
Age (years)		59±14	59±14	0.80
Hypertension (%)		32	44	0.047
Diabetes (%)		17	19	0.65
Smoker (%)		50	40	0.11
Hypercholesterolemia (%)		31	25	0.43
Prior coronary disease (%)		26	19	0.21
Primary Rhythm	VF (%)	77	58	0.003
	Asystole (%)	20	38	0.003
	Pulseless Electrical Activity (%)	3	4	0.82
Repolarization pattern (%)	Pattern 1	41	60	0.005
	Pattern 2	50	13	<0.0001
	Pattern 3	6	11	0.18
	Pattern 4	3	16	0.0001
LVEF (%)		44±14	45±16	0.57

VF: Ventricular Fibrillation; LVEF: Left Ventricular Ejection Fraction

Table 4. Characteristics of survival and non survival patients

		Survival (n=65)	Non Survival (n=160)	p-value
Male (%)		83	78	0.42
Age (years)		54±15	61±13	0.001
Hypertension (%)		30	40	0.20
Diabetes (%)		5	27	0.002
Smoker (%)		64	55	0.28
Hypercholesterolemia (%)		35	27	0.28
Prior coronary disease (%)		20	24	0.56
Primary Rhythm	VF (%)	94	55	<0.0001
	Asystole (%)	6	36	<0.0001
	Pulseless Electrical Activity (%)	0	9	0.01
Etiology of Cardiac Arrest	Acute Coronary Syndrome (%)	61	52	0.20
	Acute Cerebral Event (%)	5	6	0.65
	Unknown (%)	33	37	0.53
	Other (%)	1	5	0.24
Repolarization pattern (%)	Pattern 1	43	53	0.17
	Pattern 2	37	31	0.38
	Pattern 3	8	9	0.82
	Pattern 4	12	7	0.24
LVEF (%)		45±16	46±18	0.84

VF: Ventricular Fibrillation; LVEF: Left Ventricular Ejection Fraction

